

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: AKW-196 County: Henderson State: N. Carolina

Observer: TVA, Willard Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron stamped "AKW-196-1941") About 1/2 miles southwest of Hendersonville, N.C. and about 1 1/2 miles east of Brevard. Station is about 20 feet north of road. To reach from Flat Rock High School, drive 1.6 miles west to fork. Bear left on Little River Road 0.6 mile to Bonawentake Camp Road. Turn left 2-1/2 miles to fork. Turn right 0.5 mile to fork. Then turn left 2.7 miles to station which is 0.6 miles beyond two-story frame house at fork.

Reference Mark No. 1: (28.25) East W of 14" red oak.
Reference Mark No. 2: (1.0) North S of 3" pine.

North Carolina Lambert Coordinates: (X) 948,927.1 (Y) 558,552.0
Elev: 3048.7 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<p><i>Repon cont. 5/11/65 J.S. Little Searched for not found P.H. Hall</i></p>				
<p>Brevard Quadrangle 194 Field Book MS-8113, page 26 Comp. Ref: 194-50</p>				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: AKW-197 County: Transylvania State: North Carolina

Observer: TVA, Willard Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron stamped "AKW-197-1941") and located 1/8 miles east of Brevard, 3 1/2 miles northeast of Cedar Mountain, on top of wooded hill about 1/2 mile east of High Falls. To reach from Cedar Mountain post office, drive north 0.4 miles on U.S. Highway 276; turn right 0.1 mile; then left 2.6 miles to fork. Turn right on Buck Forest Road 2.0 miles to ford across Little River at High Falls; turn right beyond ford 0.5 miles to 1-1/2 story frame white wash house. Turn left around house on old woods road 0.5 mile to small rock cliff on right; go right 500 ft. to highest point. Station is 50 ft. west of the highest point. See references below.

North Carolina Lambert Coordinates: (X) 922,613.8 (Y) 544,550.6
Elev: 2803.5 [Latitude 35° 11' 33.03" Longitude 82° 36' 24.84"]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	9.3 ft. N 80 E	to 6" post oak.		
Reference Mark 2:	6.3 ft. S 51 W	to 12" hickory.		
Reference Mark 3:	10.9 ft. N 63 W	to 8" hickory.		
<p>Caesars Head Quadrangle 194 Field Book MS-8119, page 9 Comp. Ref: 194-51 <i>See Pencil cases N.C.</i></p>				

TVA 2054 (WCP)

Tennessee Valley Authority

194
TRIANGULATION STATIONS Greenville ——— South Carolina

Station: AKW-198

County: ~~Transylvania~~ Henderson State: ~~North Carolina~~

Observer: TVA, Willard

Year: 1941

Datum:

Description: Station is a 1 x 1 angle iron stamped "AKW-198-1941" on highest point of Standingstone Mountain on ~~N. C. S. C. line~~ line, 14 miles east of Cedar Mountain, North Carolina. To reach from Cedar Mountain, drive south on U. S. Highway 276, 1.2 miles to State line in Jones Gap; turn left on gravel road to entrance to ball field; turn left 200 ft. to ball field; then right along center line of ridge on old woods road; to transmission line crossing; continue 0.4 miles to Standingstone Mountain. Station is 200 ft. south of road and on highest point. See references below.

North Carolina Lambert Coordinates: (X) 932,314.5 (Y) 525,807.7 / T4'
Elev: 3227.5 TS [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	16.9 ft. N 60 E	to 16" red oak.		
Reference Mark 2:	7.29 ft. S 35 E	to 12" sourwood.		
Reference Mark 3:	6.20 ft. N 28 W	to 16" red oak.		
<i>For change in description see Report on Correction</i>				
Caesars Head Quadrangle 194				
Field Book MS-8119, page 12				
Comp. Ref: 194-52 <i>See Pencil cards N.C.</i>				

Plotted Jan

TVA 2054 (WCP)

Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: AKW-251

County: Henderson

State: North Carolina

Observer: TVA, Willard

Year: 1941

Datum:

Description: Station is a 1 x 1 angle iron located about 13 miles ~~west~~ east of Brevard, 19 miles south of Horsehoe (at fence intersection) 180 ft. west of highest point of what is locally known as Rich Mountain (and is driven flush and stamped "AKW-251-1941.") To reach from intersection of U. S. Highways 25 and 176 at 1/2 mile south of Hendersonville, drive south on U. S. Highway 25 8.2 miles to Green River bridge. Turn right 1.3 miles to Camp Arrowhead road; take Camp Arrowhead road 2.8 miles to Mountain Valley Baptist Church; take road left 0.3 miles to fork; turn left 0.5 miles to fork; turn right 0.4 miles to nose of ridge; continue 0.1 mile to bars; continue 0.1 mile to another fence bar; continue 0.1 mile to (over)

North Carolina Lambert Coordinates: (X) 951,706.3 (Y) 555,457.6 / T4'
Elev: 3277.0 TS [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	1.2 ft. Due West	to 22" white oak.		
Reference Mark 2:	14.4 ft. S 20 E	to 10" locust.		
Reference Mark 3:	9.5 ft. Due South	to 10" white oak.		
Caesars Head Quadrangle 194				
Field book MS-8114, page 4				
Comp. Ref: 203-25 <i>See Pencil cards N.C.</i>				

Plotted

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: AKW-252

County: Transylvania

State: N. C.



Observer: TVA, Willard

Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron driven flush with ground and stamped "AKW-252-1941". About ~~0.2~~ ^{1/2} mile east of Jones Gap. ~~1.3~~ ^{1.8} miles southeast of Cedar Mountain. 18 feet east of road in old field. To reach from Brevard, drive south on U. S. Hwy. 276 for 13.0 miles to intersection left. Take left 0.9 miles to intersection right. Take road right 0.3 miles ~~on field road~~ to station.

- Ref. Mark No. 1: 24.1' N 82 E to 12" chestnut stump.
- Ref. Mark No. 2: 21.2' S 50 E to 3" oak.
- Ref. Mark No. 3: 18.7' N 40 W to 10" burned oak snag.

North Carolina Lambert Coordinates: (X) 915,326.3 (Y) 521,544.2 ^{T4}
Elev: 2945.0 ⁷³ [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<i>angle iron - Not searched for in 1965</i>				
Caesars Head Quadrangle 194 Field Book MS-8114, pages 11 & 12 Comp. Ref: 194-77				

*Plotted
3011*

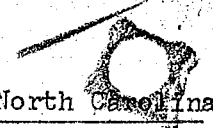
TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: AKW-253

County: Henderson

State: North Carolina



Observer: TVA, Willard

Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron located about 12 miles ^{east} south of Hendersonville, and 12 miles ^{west} southwest of Saluda, ~~30 ft. south of center line of road in curve~~, (Driven flush and stamped "AKW-253-1941".) To reach from intersection of U. S. Highways 25 and 176, 1/2 mile south of Hendersonville, follow Highway 25 south 9.4 miles to Green River Bridge; thence right, ~~4.2~~ ^{4.5} miles to a school house, thence left 1 mile to a road forks; thence right 3.7 miles to station, which is about 10 ft. west of center line of ridge, on inside of curve 15 ft. south of center line of road. See reference marks below.

North Carolina Lambert Coordinates: (X) 945,470.2 (Y) 531,261.8 ^{T4}
Elev: 3099.0 ⁷⁵ [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	12.5 ft. N 65 E	to 10" hickory.		
Reference Mark 2:	4.9 ft. S 22 E	to twin chestnut stump.		
Reference Mark 3:	26.6 ft. N 49 W	to 12" oak.		
For change in description - see REPORT ON CONDINTION card.				
Caesars Head Quadrangle 194 Field Book MS-8114, page 24 Comp. Ref: 194-78				

*Plotted
JAN*

TVA 2054 (WCP)
Tennessee Valley Authority

74
TRIANGULATION STATIONS

Station: AKW-254 County: Greenville State: South Carolina

Observer: TVA, Willard Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron) located about 5 miles ^(airline) northeast of Caesars Head, and 4 miles ^(airline) northwest of Cleveland, 200 ft. south of road, 150 ft. southeast of Spring Valley Farm Home, 50 ft. north of skid trail on side of mountain, (driven flush and stamped "AKW-254-1941.") To reach from Cleveland, drive north on U. S. Highway 276 1 mile to P. D. Forrest store; take right 2.0 miles to end of pavement; continue 1.6 miles to intersection; take right 0.4 miles on Gap Creek Road to Spring Valley Farm Home on right; go up hollow, back of house, 100 ft. to large white pine (reference #3); then turn left 50 ft. to station. See references below.

North Carolina Lambert Coordinates: (X) 943,492.0 (Y) 518,279.3 / T4
Elev: 1166.8 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	19.4 ft. N 4 E	to 3" oak.		
Reference Mark 2:	2.0 ft. N 53 E	to 5" oak stump.		
Reference Mark 3:	46.5 ft. S 85 W	to 28" pine.		
Caesars Head Quadrangle 194 Field Book MS-8096, page 2 Comp. Ref: 194-79				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: AKW-255 DESTROYED County: Greenville State: South Carolina

Observer: TVA, Willard Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron) located about 3-1/2 miles northeast of Caesars Head, and 4-1/2 miles northwest of Cleveland, 30 ft. south of road, 10 ft. north of one-story log house, (at the foot of 6" peach tree) driven flush and stamped "AKW-255-1941.") To reach from Cleveland, drive north on U. S. Highway No. 276, 1 mile to P. D. Forrest store; take right 2.0 miles to end of pavement. Continue 1.6 miles to intersection; take left 1.5 miles on Middle Saluda ^{Creek} Road, 1.5 miles to station. See references below.

North Carolina Lambert Coordinates: (X) 935,313.7 (Y) 519,717.7 / T4
Elev: 1213.2 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	0.0 ft.	to nail in root of peach tree.		
Reference Mark 2:	10.8 ft. S 20 E	to north corner of porch.		
Reference Mark 3:	11.8 ft. S 40 W	to north corner one-story log house.		
Report on condition: Bransan & Lefstead; Destroyed. Area in which bench mark was located has been leveled off, AKW-255 was destroyed in the process. Publish: Note: Searched for but not recovered, 1946. Caesars Head Quadrangle 194 Field Book MS-8096, page 5 Comp. Ref: 194-80				

TVA 2054 (WCP)
Tennessee Valley Authority

TRIANGULATION STATIONS

74 194

Station: Caesars Head Tower ~~Center Line~~ County: Greenville State: S. Carolina

Observer: TVA Year: 1942 Datum:

Description:

Located at Caesars Head. Drive from Brevard, drive SE 15.2 miles along U.S. Hwy. 276. Station is center line of tower.

North Carolina Lambert Coordinates: (X) 915,142.08 (Y) 513,178.46 '74
[Latitude Longitude]

To Station	Azimuth ° ' "	Back Azimuth ° ' "	Distance	
			Log. Meters	Miles
Caesars Head Quadrangle 194 Field Book: MS-8177, pages 14, 15, and 16 Comp. Ref: 194-175 <i>See Pencil cards N.C.</i>				

PLOTTED - LFW

TVA 2054 (WCP)
Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: CLIFF County: Greenville State: South Carolina

Observer: TVA, Willard Year: 1941 Datum:

Description: (Station is nail in root of 16" dead pine) on Cleveland Cliff about 3-1/2 miles northwest of Cleveland, 3 miles northeast of Caesars Head, and 20 ft. from edge of rock cliff. To reach Brevard, N. C., drive south on U. S. Highway 276, 12.5 miles to state line. Take left 0.9 mile to intersection; take left 5.2 miles to intersection woods road right; take woods road right 500 ft. to rock quarry. End of truck travel. Follow skid trail 500 ft. to station (Cleveland Cliff). See reference marks below.

North Carolina Lambert Coordinates: (X) 931,240.4 (Y) 522,814.9 '74
Elev: 2898.0 '75 [Latitude Longitude]

To Station	Azimuth ° ' "	Back Azimuth ° ' "	Distance	
			Log. Meters	Miles
Reference Mark 1:	7.5 ft. S 83 E	to southwest corner of a brass tablet "Cleveland Cliff."		
Reference Mark 2:	3.2 ft. N 42 W	to nail in 16" dead pine.		
Reference Mark 3:	28.5 ft. S 62 W	to nail in 16" oak.		

Rep on Cond - 5/11/65. Believe destroyed by church const. See Pencil cards N.C. for Sig. Data.

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: BIG ROCK County: Transylvania State: North Carolina

Observer: TVA, Rogers Year: 1941 Datum:

Description: (Station is a drill hole in large rock) 100 ft. south of top of ridge, about 7.2 miles southeast of Brevard. To reach from intersection of U. S. Highways 64 and 276 in Brevard, drive south on U. S. 276 1.8 miles; turn left on T-road and go 0.2 miles; turn left and drive 1.8 miles; walk 1000 ft. due east to top of mountain on right.

Reference Mark 1: 43.1 ft. N 73 W to V6" pine.
Reference Mark 2: 35.7 ft. N 50 W to V6" pine.
Reference Mark 3: 30.55 ft. N 30 W to V24" twin oak.

North Carolina Lambert Coordinates: (X) 913,822.4 (Y) 537,577.4 / T4
Elev: 2941.3175 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Caesars Head Quadrangle 194 Field Book MS-8121, page 20 Comp. Ref: 194-150				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: BRIDAL VEIL County: Transylvania State: N. C.

Observer: TVA, Rogers Year: 1941 Datum:

Description: (Station is drill hole in large surface rock 200 feet southwest of highest point on knoll.) About 7.7 1/2 miles southeast of Brevard. To reach from intersection of U. S. Hwys. 64 & 276 in Brevard, drive south 1.8 miles on Hwy. 276. Turn left and go 0.2 miles to Y-road. Bear left and go 2.5 miles to Y-road. Turn right and drive 2.1 miles to Little River at High Falls. Cross river and turn right on woods road for 1.2 miles. Turn right and go 0.2 mile. Continue right on Y-road 0.4 miles. Take left on Y-road and go 0.5 mile. Turn right and go 0.2 mile to end of road at transmission line. Walk SW 700' to top of knoll. See references below.

North Carolina Lambert Coordinates: (X) 917,415.6 (Y) 537,816.2 / T4
Elev: 2817.575 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark No. 1: Reference Mark No. 2: Reference Mark No. 3:	74.70' 31.4' 165.0'	N 50 E South S 50 W	to V15" twin pine. to V8" pine. to V18" pine.	
Caesars Head Quadrangle 194 Field Book MS-8121, page 25 Comp. Ref: 194-173				

Station: DIVIDE County: Henderson State: North Carolina
Observer: TVA, Rogers Year: 1941 Datum:

Description: (Station is a drill hole in surface rock) ^{located 10'} about 80 ft. from woods line and about 200 ft. from west edge of rock. ~~It is~~ about 8.0 miles ^(air) southeast of Brevard. To reach from intersection of U. S. Highway 64 and 276 in Brevard, drive south 10.8 miles on U. S. 276, turn left and drive 0.2 miles to "Y". Turn right and drive 3.9 miles; turn left at "Y" and drive 2.9 miles; turn right on wood road, and drive 0.4 mile to rock ledge.

- Reference Mark 1: 96.55 ft. S 60 W to 18" pine.
- Reference Mark 2: 173.3 ft. N 47 E to 15" pine.
- Reference Mark 3: 86.0 ft. N 15 W to 12" pine. (Nail & washer)

North Carolina Lambert Coordinates: (X) 936,054.4 (Y) 538,014.2 T4
Elev: 3196.5 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<p><i>Rep. on cond. 5/11/65 - Searched for now found J. S. Little</i></p>				
<p>Caesars Head Quadrangle 194 Field Book MS-8123, page 5 Comp. Ref: 194-185</p>				

MONUMENT DESCRIPTION

STATION LHT-1857 Date Set November, 1939 TVA

State North Carolina County Henderson Section 1 Quad 194-NE

Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LHT-1857-1941."

Distance and Direction from Prominent Points
5.7 miles southwest of U. S. Post Office in Flatrock, North Carolina, via Little River Road,
8.7 miles southwest of Court House in Hendersonville via U. S. Highway 25 and Little River Road

DETAILED DESCRIPTION OF LOCATION

Road or Highway Cat Head Road

Property Owner H. R. Ward

Other Descriptions 8.3 miles east of Grange, North Carolina, 6.6 miles east of Henderson Transylvania County line, 1.1 miles southeast of Crab Creek Road, on east side of Mud Creek Road, 26 feet from centerline road, 24 feet north of "Y" road, 20 feet east of P. J. Jones mail box, 275 feet north of 1-1/2 story frame house, 37 feet north of path entrance through spruce pine shrubbery fence, 75 feet east of branch.

REFERENCE MARKS

- Mark No. 1 6.2 feet N 80 E to 12" white oak tree
- Mark No. 2 29.7 feet N 15 W to power pole
- Mark No. 3 57.0 feet N 60 W to 20" poplar tree across road

STATION LHT-1857

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

° ' "

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Sec. Order Adjusted

° ' "

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted)
1936 Southeastern - Second-order field

2247.128 ✓
2247.158 ✓

Position

Grid North (Y)

East (X)

Geographic Latitude

Longitude

° ' "

Distance from

To

Remarks and References:

Comp. Vol. 79, page 5

Adjustment Area 79, summary sheet 1

MONUMENT DESCRIPTION

STATION LHT-1859 Date Set October, 1939 TVA
 State North Carolina County Transylvania Section 7 Quad 194-NW

Character of Station A standard TVA bronze tablet set horizontally in rock boulder, and stamped "LHT-1859-1941."

Distance and Direction from Prominent Points
 11.2 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 276, 0.45 mile northwest of U. S. Post Office Cedar Mountain, N. C. via U. S. Highway 276.

DETAILED DESCRIPTION OF LOCATION

Road or Highway N. C. U. S. Highway 276.

Property Owner R. T. Roberson.

Other Descriptions 3.5 miles east of Seeshore, N. C., 55 ft. north of center line of U. S. Highway 276, 73 ft. east of center line of Buck Forest Road, 29.3 ft. east of southeast corner of store building, 104 ft. east of "Cassade Lake Inn" sign, 250 ft. northwest of concrete bridge over Little River, 9.3 ft. southeast of 4-ft. high rock boulder, set horizontally and flush in rock boulder.

REFERENCE MARKS

- | | | | |
|------------|-----------|---------|---------------------------------|
| Mark No. 1 | 11.9' ft. | N 70° W | to 14" maple tree. |
| Mark No. 2 | 12.8' ft. | N 60° E | to 12" white pine tree. |
| Mark No. 3 | 36.1' ft. | S 60° E | to power pole at angle in line. |

MONUMENT DESCRIPTION

STATION LHT-1862 Date Set October, 1939 TVA
 State North Carolina County Transylvania Section 3 Quad 194-SW

Character of Station A standard TVA bronze tablet set horizontally in rock boulder, and stamped "LHT-1862-1941."

Distance and Direction from Prominent Points
 About 11.0 miles south of Courthouse Brevard, N. C. via U. S. Highway 276 and East Fork Road, down Bradley Creek Trail, about 7.5 miles southwest of Post Office Cedar Mountain, N. C.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Trail down Bradley Creek to mouth of creek.

Property Owner.....

Other Descriptions About 3.4 miles south of ~~Seeshore~~ U. S. Highway 276, about 3.5 miles south of Seeshore, on right bank of Bradley Creek, 45 ft. west of center line of creek, on east side of Bradley Creek Trail, 35 ft. from center line of trail, 100 ft. northeast of center line of trail and branch, approximately 0.2 mile down stream from high sloping falls on Bradley Creek, in top of rock boulder, 3.5 ft. above ground.

REFERENCE MARKS

- | | | | |
|------------|-----------|---------|---------------------------|
| Mark No. 1 | 12.2' ft. | N 70° W | to 30" hollow maple tree. |
| Mark No. 2 | 7.3' ft. | N 60° E | to 20" hazelnut tree. |
| Mark No. 3 | 9.7' ft. | S 05° E | to 4" white oak tree. |

STATION LHT-1859

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2683.413 ✓ T2
1936 Southeastern - Second-order field 2683.388

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 10

Adjustment Area 79, summary sheet 2

STATION LHT-1862

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2547.971 ✓ T2
1936 Southeastern - Second-order field 2547.907

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 13

Adjustment Area 79, summary sheet 2

MONUMENT DESCRIPTION

70

STATION LHT-1914 Date Set 1941 TVA

State South Carolina County Greenville Section Quad 203 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1914

Distance and Direction from Prominent Points

17.0 miles southwest of Tuxedo, North Carolina

4.9 miles west-northwest of intersection of U.S. Highway 25 and Beaver Dam Road

DETAILED DESCRIPTION OF LOCATION

Road or Highway 300 feet south 30° east intersection of T Road and Watson Mt. Road

Property Owner H. M. Cantrell (Mrs.)

Other Descriptions

150 feet north 30° east to 1-story frame house,
50 feet south to bridge over road and stream (Devil's Fork Creek),
3 feet southwest to power line

REFERENCE MARKS

Mark No. 1 6.2' S 15° W to Power Pole

Mark No. 2 17.2' N 20° E to 20" poplar

Mark No. 3

H.G.

MONUMENT DESCRIPTION

STATION LHT-1915 Date Set 1941 TVA

State South Carolina County Greenville Section Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1915

Distance and Direction from Prominent Points

18.2 miles southwest of Tuxedo, North Carolina

6.2 miles west-northwest of intersection of U.S. Highway 25 and Beaver Dam Road

DETAILED DESCRIPTION OF LOCATION

Road or Highway 40 feet south to Watson Mountain Road

Property Owner Saluda Land and Lumber Company

Other Descriptions

1000 feet west to T-Road intersection,
300 feet south to branch,
20 feet east to Sawdust pile,
5 feet east to trail in woods - under persimmon tree

REFERENCE MARKS

Mark No. 1 3.6' S 50° W to 30" persimmon

Mark No. 2 73.0' N 45° E to 4" pine

Mark No. 3

H.G.

STATION LHT-1914

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2 (*Second order adjusted*)

Elevation: Adjustment ^{1936 Southeastern - Second-order (Final Adjusted)} 1252.087
^{1936 Southeastern - Second-order field} 1252.012 ✓ 72

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 24

Adjustment Area 79, summary sheet 3

STATION LHT-1915

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2 (*Second order adjusted*)

Elevation: Adjustment ^{1936 Southeastern - Second-order (Final Adjusted)} 1173.511
^{1936 Southeastern - Second-order field} 1173.462 ✓ 72

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 24

Adjustment Area 79, summary sheet 3

MONUMENT DESCRIPTION

STATION LHT-1916 Date Set 1941 TVA

State South Carolina County Greenville Section _____ Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post stamped LHT-1916.

Distance and Direction from Prominent Points

- 19.0 miles southwest of Tuxedo, North Carolina, Post Office,
- 7.2 miles west-northwest of intersection of U.S. Highway 25 and Beaver Dam Road,
- 0.3 miles northwest of intersection of Gap Creek and Devils Fork Road,

DETAILED DESCRIPTION OF LOCATION

Road or Highway 200 feet south to Gap Creek Road
on the property of
 Property Owner Gap Creek (River Fall) Church

Other Descriptions

- 100 feet north to cemetery,
- 20 feet north to south corner of church yard,
- On southeast side of drive to church. *Station*

REFERENCE MARKS

- | | | | |
|------------|-------|---------|------------------|
| Mark No. 1 | 12.4' | N 25° E | to 30" pine tree |
| Mark No. 2 | 7.5' | S 25° W | to 15" pine " |
| Mark No. 3 | 14.0' | S 65° E | to 25" pine " |

MONUMENT DESCRIPTION

STATION LHT-1917 Date Set 1941 TVA

State South Carolina County Greenville Section _____ Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1917.

Distance and Direction from Prominent Points

- 20.3 miles southwest of Tuxedo, North Carolina,
- 8.3 miles west-northwest of intersection of U.S. Highway #25 and Beaver Dam Road,

DETAILED DESCRIPTION OF LOCATION

Road or Highway North 70° west 45 feet River Falls Road
on the property of
 Property Owner Saluda Land and Lumber Company

Other Descriptions

- 700 feet east to bridge over Saluda (Middle) Creek,
- 150 feet southwest of two-story frame house,
- 100 feet south 50° west intersection of Gap Creek Road and River Falls Road,
- 40 feet south 40° east to small barn. Monument in cow lot.

REFERENCE MARKS

- | | | | |
|------------|-------|---------|----------------------|
| Mark No. 1 | 10.2' | S 25° E | to 10" sycamore tree |
| Mark No. 2 | 32.5' | N 55° E | to 6" sycamore trees |
| Mark No. 3 | 31.6' | N 45° W | to fence post |

TVA 1160 (WCP-9-37)

STATION LHT-1916

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 2 (Second-order Adjusted)

Elevation: Adjustment Position 1936 Southeastern - Second-order (Final Adjusted) 1267.520 ✓
1936 Southeastern - Second-order field 1267.445 ✓

Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 24

Adjustment Area 79, summary sheet 3

TVA 1160 (WCP-9-37)

STATION LHT-1917

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 2 (Second-order Adjusted)

Elevation: Adjustment Position 1936 Southeastern - Second-order (Final Adjusted) 1102.865 ✓
1936 Southeastern - Second-order field 1102.783 ✓

Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 25

Adjustment Area 79, summary sheet 3

MONUMENT DESCRIPTION



STATION LHT-1918 Date Set 1941 TVA
State South Carolina County Greenville Section Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1918.

Distance and Direction from Prominent Points
21.1 miles southwest of Tuxedo, North Carolina,
9.1 miles west of intersection of U.S. Highway #25 and Beaver Dam Road,

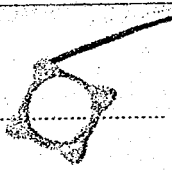
DETAILED DESCRIPTION OF LOCATION ^{to}
Road or Highway S 60° E 100 feet, intersection River Fall Road and Hart Valley Road,
Property Owner ^{on property of} E. C. Barden,

Other Descriptions
0.8 miles intersection of Gap Creek Road and Fall River Road,
500 feet south to creek,
In N.W. quadrant of cross roads intersection,
Top of hill above "Worlds Mileage Sign"

REFERENCE MARKS	Distance	Direction	Object
Mark No. 1	12.6'	N 70° E	to 30" oak tree
Mark No. 2	23.4'	N 20° W	to 6" pine "
Mark No. 3	19.0'	Due W	to 8" oak "

H.G.

MONUMENT DESCRIPTION



STATION LHT-1919 Date Set 1941 TVA
State South Carolina County Greenville Section Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1919,

Distance and Direction from Prominent Points
8.0 miles west-northwest of intersection U.S. Highway #25 and State Highway #11
3.3 miles northwest of intersection U.S. Highway #276 and State Highway #11

DETAILED DESCRIPTION OF LOCATION
Road or Highway South 30° west 60 feet intersection Mercer Road and Gap Creek Road,
Property Owner ^{on the property of} Saluda Land and Lumber Company

Other Descriptions
500 feet west to Middle Saluda Creek,
150 feet southwest to beginning of asphalt road,
15 feet southwest to embankment, edge of pine grove.

REFERENCE MARKS	Distance	Direction	Object
Mark No. 1	4.45'	N 10° E	to 6" pine tree
Mark No. 2	6.15'	S 20° E	to 10" pine "
Mark No. 3	5.2'	S 10° W	to 6" pine "

H.G.

TVA 1160 (WCP-9-37)

STATION LHT-1918

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

(See - other Adjustment)

Elevation: Adjustment
Position

1936 Southeastern - Second-order (Final Adjusted)
1936 Southeastern - Second-order field

1038.528 ✓ FZ
1088.443 ✓

Grid
Geographic

North (Y)
Latitude

East (X)
Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 25

Adjustment Area 79, summary sheet 3

TVA 1160 (WCP-9-37)

STATION LHT-1919

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment
Position

1936 Southeastern - Second-order (Final Adjusted)
1936 Southeastern - Second-order field

1073.928 ✓ FZ
1073.840 ✓

Grid
Geographic

North (Y)
Latitude

East (X)
Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 25

Adjustment Area 79, summary sheet 3

MONUMENT DESCRIPTION

STATION LHT-1920 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1920.

Distance and Direction from Prominent Points

6.9 miles west-northwest of intersection of U.S. Highway #25 and State Highway #11, 2.3 miles north of intersection of Buncombe Road and #276 U.S. Highway

DETAILED DESCRIPTION OF LOCATION

Road or Highway 60 feet southeast Gap Creek Road

Property Owner Conley Heirs

Other Descriptions

250 feet north to one-story frame house; 150 feet south to intersection Coyes Road and Gap Creek Road, 75 feet south to front of Spivey's Store, 100 feet east to barn.

REFERENCE MARKS

Mark No. 1 15.5' S 10° E 36" poplar tree

Mark No. 2 52.9' N 15° W 20" apple

Mark No. 3

MONUMENT DESCRIPTION

STATION LHT-1921 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1921.

Distance and Direction from Prominent Points

1.3 miles northwest of intersection of U.S. Highway #276 and State #11, 1.0 miles northwest of Cleveland Post Office

DETAILED DESCRIPTION OF LOCATION

Road or Highway 100 feet south to intersection #276 (U.S. Highway) and Gap Creek Road

Property Owner P. D. Forest

Other Descriptions

20 feet south 40° west to gas pumps, 5 feet west of culvert, north side of Gap Creek Road on east side of Forest Grocery Store.

REFERENCE MARKS

Mark No. 1 14.4' S 50° W to Corner of store

Mark No. 2 25.7' N 35° W to Corner of store

Mark No. 3 15.4' Due E to Highway "Stop" Sign

TVA 1160 (WCP-9-37)

STATION LHT-1920

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 1051.671
Position 1936 Southeastern - Second-order field 1051.583

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 26

Adjustment Area 79, summary sheet 3

TVA 1160 (WCP-9-37)

STATION LHT-1921

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 1013.128
Position 1936 Southeastern - Second-order field 1013.036

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 26

Adjustment Area 79, summary sheet 3

MONUMENT DESCRIPTION

STATION LHT-1922 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1922.

Distance and Direction from Prominent Points

2.0 miles west of Cleveland, South Carolina, Post Office,
1.0 miles west of intersection of U.S. Highway #276 and Fish hatchery road

DETAILED DESCRIPTION OF LOCATION

Road or Highway 100 feet south to U.S. Highway #276

Property Owner P.J. Jones,

Other Descriptions 100 feet west to one-story frame house,
40 feet southwest to drive to residence,
30 feet southwest to "Hall Brothers" Dine and Dance Club,
Monument on embankment, edge of pine grove

REFERENCE MARKS

Mark No. 1 15.5' S 25° W to 30" pine tree.

Mark No. 2 11.2' N 75° E 24" pine "

Mark No. 3 10.6' N 10° W 20" pine "

MONUMENT DESCRIPTION

STATION "LHT-1923 RESET 1972" Date Set S.C.H.D. RESET 12-12-1972

State South Carolina County Greenville Section Quad 194

Character of Station stamped "LHT-1923 Reset 1972"

Distance and Direction from Prominent Points

4.66 miles west of Cleveland, South Carolina, post office
0.79 miles east bridge of Greenville-Pickens county line

DETAILED DESCRIPTION OF LOCATION

Road or Highway South 42.6 feet to U.S. Highway #276 & S.C. 11

Property Owner South Carolina Parks Recreation & Tourism Department

Other Descriptions 350 feet west to parking area.
77 feet west to centerline of parking area entrance.
470 feet west to garage at parking area.

REFERENCE MARKS

Mark No. 1 72.7 N 88-50 W to old LHT 1923 marker.

Mark No. 2

Mark No. 3

STATION LHT-1922

AZIMUTH MARKS

Mark No. 1

Distance..... Mag. Bearing.....

Grid Azimuth from Station to Mark No. 1

Mark No. 2.....

Distance..... Mag. Bearing.....

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 1115.815
Position 1936 Southeastern - Second-order field 1115.723 ✓ r2

Grid..... North (Y)..... East (X)
Geographic..... Latitude..... Longitude.....

Distance from..... To.....

Remarks and References:

Comp. Vol. 79, page 26

Adjustment Area 79, summary sheet 3

STATION.....

AZIMUTH MARKS

Mark No. 1

Distance..... Mag. Bearing.....

Grid Azimuth from Station to Mark No. 1

Mark No. 2.....

Distance..... Mag. Bearing.....

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment Reset by Sou. C. Hwy Dept 1031.56 ft
Position

Grid..... North (Y)..... East (X)
Geographic..... Latitude..... Longitude.....

Distance from..... To.....

Remarks and References:

Elev. est. by Sou. Carolina Hwy Dept

See my card for notes & sketch -

MONUMENT DESCRIPTION

STATION LHT-1924 Date Set TVA 1941
 State South Carolina County Greenville Section _____ Quad 194

Character of Station ^R Standard TVA tablet set in pre-cast concrete post and stamped LHT-1924.

Distance and Direction from Prominent Points
 5.0 miles west of Cleveland, South Carolina, Post Office)
 4.0 miles west of intersection of U.S. Highway #276 and Fish Hatchery Road

DETAILED DESCRIPTION OF LOCATION

Road or Highway 30 feet south to U.S. Highway #276
on the property of
 Property Owner Maxwell Heirs

Other Descriptions

300 feet west to Petland Shop,
 200 feet northwest to one-story frame house on hill,
 250 feet east to bridge over Creek,
 Opposite small green house, left bank of creek, north side of road.

REFERENCE MARKS

Mark No. 1	<u>1.35'</u>	<u>Due N</u>	<u>Post</u>
Mark No. 2	<u>4.40'</u>	<u>N 75° W</u>	<u>Post</u>
Mark No. 3	<u>5.9'</u>	<u>N 50° E</u>	<u>Post</u>

MONUMENT DESCRIPTION

STATION LHT-1925 Date Set TVA 1941
 State South Carolina County Greenville Section _____ Quad 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1925.

Distance and Direction from Prominent Points
 6.0 miles west-northwest of Cleveland, South Carolina, Post Office
 0.9 miles northwest of intersection U.S. Highway #276 and State ^{Highway} #183

DETAILED DESCRIPTION OF LOCATION

Road or Highway 30 feet ~~west~~ ^{EAST} to U.S. Highway #276
on the
 Property Owner South Carolina Highway R/W

Other Descriptions

Top of hill. Opposite "T" Road to Lakemont and Pioneer Park. Edge of woods.

REFERENCE MARKS

Mark No. 1	<u>10.6'</u>	<u>S 10° W to</u>	<u>3" pine</u>	<u>Tree</u>
Mark No. 2	<u>6.2'</u>	<u>N 80° E</u>	<u>3" pine</u>	<u>"</u>
Mark No. 3	<u>7.9'</u>	<u>N 25° W</u>	<u>3" pine</u>	<u>"</u>

TVA 1160 (WCP-9-37)

STATION LHT-1924

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 1017.334 ✓ 72
Position 1936 Southeastern - Second-order field 1047.232

Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 27
Adjustment Area 79, summary sheet 4

TVA 1160 (WCP-9-37)

STATION LHT-1925

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 1392.897 ✓ 72
Position 1936 Southeastern - Second-order field 1392.799

Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 28
Adjustment Area 79, summary sheet 4
Report on Condition: Branson: May 1946
Good

MONUMENT DESCRIPTION

STATION LHT-1926 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194



Character of Station Standard TVA tablet set in rock outcrop and stamped LHT-1926-1941

Distance and Direction from Prominent Points

At Bald Rock, South Carolina, 5 miles southeast of Caesar's Head, South Carolina, Post Office

DETAILED DESCRIPTION OF LOCATION

Road or Highway 120 feet northwest to Highway #276

Property Owner Bald Rock Prop. Co.

Other Descriptions

50 feet north to entrance to rock; 100 feet north 20° east to cabin, 120 feet south 80° west to water wheel; 15 feet picnic table, On south side stream (left bank) Huge flat rock

REFERENCE MARKS

Mark No. 1

Mark No. 2

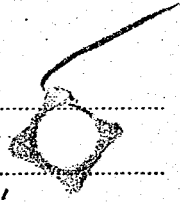
Mark No. 3

H.G.

MONUMENT DESCRIPTION

STATION LHT-1927 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194



Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1927

Distance and Direction from Prominent Points

3.3 miles northwest of intersection of #276 U.S. Highway and State #183, 1.2 miles north of Bald Rock, South Carolina, 3.8 miles southeast of Caesar's Head, South Carolina,

DETAILED DESCRIPTION OF LOCATION

Road or Highway South 50° West 40 feet U.S. Highway #276

Property Owner Caesar's Head Land Company

Other Descriptions

at Bottom of hairpin curve at south end of new shed, Monument in cut approximately 200 feet by 30 feet.

REFERENCE MARKS

Mark No. 1 9.1' N 70° W at Corner of shed

Mark No. 2 10.6' N 20° W at Corner of shed

Mark No. 3 25.1' N 15° E at 15" oak

H.G.

TVA 1160 (WCP-9-37)

STATION LHT-1926

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 1715.272 ✓ T2
1936 Southeastern - Second-order field 1715.184

Position
Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:
Comp. Vol. 79, page 29

Adjustment Area 79, summary sheet 4

TVA 1160 (WCP-9-37)

STATION LHT-1927

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2199.973 ✓ T2
1936 Southeastern - Second-order field 2199.891

Position
Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:
Comp. Vol. 79, page 29

Adjustment Area 79, summary sheet 4

MONUMENT DESCRIPTION

STATION LHT-1928 Date Set TVA 1941

State South Carolina County Greenville Section _____ Quad. 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1928

Distance and Direction from Prominent Points

2.1 miles southeast of Caesar's Head, South Carolina,
2.9 miles north of Bald Rock, South Carolina,

DETAILED DESCRIPTION OF LOCATION

Road or Highway 45 feet south 20° east to Highway #276

Property Owner Caesar's Head Land Company

Other Descriptions

200 feet east to state South Carolina speed limit sign,
Monument in south end of parking space, toe of slope -
south 60° west 250 feet "T" Road

REFERENCE MARKS

Mark No. 1	5.75'	N 50° W	to 3" poplar tree
Mark No. 2	27.4'	N 30° E	4" locust
Mark No. 3	36.9'	S 45° E	Expansion Joint Highway

MONUMENT DESCRIPTION

STATION LHT-1929 Date Set TVA 1941

State South Carolina County Greenville Section _____ Quad. 194

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1929

Distance and Direction from Prominent Points

15.4 miles southeast of Brevard, North Carolina,
100 feet east of Caesar's Head, South Carolina, (Post Office)

DETAILED DESCRIPTION OF LOCATION

Road or Highway 45 feet north 30° west to U.S. Highway #276

Property Owner Caesar's Head Land Company

Other Descriptions

200 feet north 60° east concrete tennis courts,
100 feet to Caesar's Head P. O. (S 40° W),
25 feet west to entrance of Hotel Road (Int. of Highway #276),
Monument under hotel sign "Caesar's Head Hotel"

REFERENCE MARKS

Mark No. 1	12.1'	N 5° W	Hotel sign post
Mark No. 2	7.9'	Due E	Hotel sign post
Mark No. 3	3.45'	S 70° W	"Spur" drink sign post

STATION LHT-1928

AZIMUTH MARKS

Mark No. 1

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2336.764 ✓ 72
Position 1936 Southeastern - Second-order field 2336.688 ✓

Grid _____ North (Y) _____ East (X) _____
Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:
Comp. Vol. 79, page 30

Adjustment Area 79, summary sheet 4

STATION LHT-1929

AZIMUTH MARKS

Mark No. 1

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 3118.389 ✓ 72
Position 1936 Southeastern - Second-order field 3118.334 ✓

Grid _____ North (Y) _____ East (X) _____
Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:
Comp. Vol. 79, page 31

Adjustment Area 79, summary sheet 4

MONUMENT DESCRIPTION

STATION LHT-1930 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194

Character of Station ^A Standard TVA tablet set in pre-cast concrete post and stamped LHT-1930.

Distance and Direction from Prominent Points
 14.7 miles southeast of Brevard, North Carolina, Post Office,
 0.7 miles northwest of Caesar Head, South Carolina, Post Office,

DETAILED DESCRIPTION OF LOCATION
 Road or Highway ~~North 15 feet~~ ^{on the property of} U. S. Highway #276 (15 feet southwest from centerline of)

Property Owner Caesar Head Land Company,

Other Descriptions
 0.5 miles west entrance to Caesar Head lookout,
 200 feet north to "Winding" road sign,
 West side road; southwest end of "Spur" sign, edge of woods.

REFERENCE MARKS

Mark No. 1	10.3'	S 70° W	to 24" oak tree
Mark No. 2	5.2'	N 60° E	" Sign Post
Mark No. 3			



MONUMENT DESCRIPTION

STATION LHT-1931 Date Set TVA 1941

State South Carolina County Greenville Section Quad 194

Character of Station ^A Standard TVA tablet set in pre-cast concrete post and stamped LHT-1931.

Distance and Direction from Prominent Points
 13.5 miles southeast of Brevard, North Carolina
 2.2 miles northwest of Caesar Head, South Carolina,

DETAILED DESCRIPTION OF LOCATION
 Road or Highway 25 feet east to #276 (U.S. Highway)
 1000 feet west of C. C. Geer's property,

Property Owner

Other Descriptions
 1.1 miles North Carolina and South Carolina State line,
 In "Y" road intersection between gravel and concrete road,
 S 60° W, 15 feet intersection "T" road and old road northwest,
 15 feet southwest of south end of guard post.

REFERENCE MARKS

Mark No. 1			
Mark No. ¹ 2	17.34'	N 35° E	to Guard Post
Mark No. ² 3	10.29'	N 80° W	to 8" twin locust tree



MONUMENT DESCRIPTION

STATION LHT-1932 Date Set TVA 1941

State South Carolina County Greenville Section Quad 199

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1932

Distance and Direction from Prominent Points

12.4 miles southeast of Brevard, North Carolina, Post Office,
3.3 miles northwest of Caesar Head, South Carolina, Post Office,

DETAILED DESCRIPTION OF LOCATION

Road or Highway 75 feet west to U.S. Highway #276

Property Owner A. L. Mills (Mrs.)

Other Descriptions

200 feet north to one-story frame house,
150 feet south of North Carolina and South Carolina state line,
50 feet south of triangle formed by #276 and Rd east,
25 west to fence corner. U.S. Highway

REFERENCE MARKS

Mark No. 1 20.5' S 40° E to 6" poplar tree

Mark No. 2 8.5' N 25° E to 4" locust tree

Mark No. 3 4.0' S 80° W to 4" pine tree

MONUMENT DESCRIPTION

STATION LHT-1933 Date Set TVA 1941

State North Carolina County Transylvania Section Quad 199

Character of Station Standard TVA tablet set in pre-cast concrete post and stamped LHT-1933

Distance and Direction from Prominent Points

0.2 miles southwest of Cedar Mountain, North Carolina, Post Office,
4.2 miles northwest of Caesar Head, South Carolina, Post Office,

DETAILED DESCRIPTION OF LOCATION

Road or Highway N 65° E, 75 feet to U.S. Highway #276

Property Owner T. Smiths "Smiths Tavern"

Other Descriptions

250 feet northeast to 2-story frame house,
100 feet north to Smiths tavern,
25 feet north to driveway to picnic grounds,
In woods, west side of road on picnic grounds.

REFERENCE MARKS

Mark No. 1 20.5' S 5° SW to 20" oak tree

Mark No. 2 21.3' S 25° E to 6" pine

Mark No. 3 19.0' N 50° E to Power Pole

TVA 1160 (WCP-9-37)

STATION LHT-1932

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2907.218
Position 1936 Southeastern - Second-order field 2907.192

Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 32

Adjustment Area 79, summary sheet 4

TVA 1160 (WCP-9-37)

STATION LHT-1933

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2734.610
Position 1936 Southeastern - Second-order field 2734.575

Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 32

Adjustment Area 79, summary sheet 4

*Rep. on cond - June 3, 1965 M.L.B. Not found -
BM - searched for but not found.*

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: LR-535

County: Henderson

State: N. C.

Observer: Rogers, TVA

Year: 1940 Datum:

Description: (Station is a 1 x 1 angle iron) 7.2 miles southwest of Hendersonville. To reach from Hendersonville drive 4 miles from corner of South Main and West Coswell Streets, going 2 blocks thence left on Kanuga Street to the Pleasant Hill Road. Turn left on it and go 2.1 miles to Ten-A-Wanda Road. Turn right on it and go 2.5 miles to Y, thence right again for 2.8 miles to another Y, thence right again for 1.8 miles to Lookout House at Bear Rock Park, on right side of road. Station is at the north end of house by stump. A signal was erected on north apex of house.

Reference Mark 1: 6.80' N 80° W North corner of building.
Reference Mark 2: 8.88' S 05° W East corner of building.
Reference Mark 3: 3.45' N 45° W top of 8" stump.
Elev. 3658.2 [Latitude Longitude]

Table with columns: To Station, Azimuth, Back Azimuth, Distance (Log. Meters, Miles). Includes North Carolina Lambert Coordinates (X) 944,143.1 (Y) 557,784.6 and handwritten notes: 'Plotted', 'Rep. on cond - J. S. Little - NA found 5/11/65 searched for not found'.

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: LR-638

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron) about 1 mile northwest of Brevard, N. C. To reach from Southern Railway depot, go 0.4 mile west on Whitmire Street to a three-point street intersection. Point is 300 ft. north of said intersection on top of small knoll and 20 ft. east of hedge row.

Reference Mark 1: 22.2 ft. S 20 W (to 6" oak)
Reference Mark 2: 19.75 ft. West (to 2" locust (fence line))
Reference Mark 3: 26.85 ft. N 30 E (to 6" pine)

North Carolina Lambert Coordinates: (X) 883,105.5 (Y) 563,660.7
Elev: 2244.5 [Latitude Longitude]

Table with columns: To Station, Azimuth, Back Azimuth, Distance (Log. Meters, Miles). Includes handwritten notes: 'not published', 'searched for, but not recovered in July, 1943 - 7-8-43, by H. W. Branson, this was a three point station, in an old field; for the past season this field has been in cultivation, consequently LR-638 has been destroyed.', 'Rep. on cond - May 26, 1965 - M.B. Not found - searched for but not found'.

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: LR-645

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron stamped "TVA-LR-645", about 5 1/2 miles southeast of Brevard, N. C. To reach from intersection of U. S. 64 and 276 in Brevard, go southeast on U. S. 276 7.2 miles; turn left on T-road and go 0.7 miles; turn right on ridge road and go 0.4 miles to top of knoll. Station is on highest point on top of knoll.

Reference Mark 1: 19.35 ft. S 70 E

Reference Mark 2: 31.37 ft. S 65 W

Reference Mark 3: 17.58 ft. N 25 E

to V18" hickory.
to V6" oak.
to V24" oak.

North Carolina Lambert Coordinates: (X) 893,059.8 (Y) 536,492.3 TD
Elev: 3142.573 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Rep. on coord.: May 28, 1965 - M.L.B. Searched for but not found.				
Caesars Head Quadrangle 194 Field Book MS-8118, page 17 Comp. Ref: 194-107				

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: LR-647

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron, stamped "TVA-LR-647", about 3 1/2 miles southeast of Brevard, N. C. To reach from intersection of U. S. 64 and U. S. 276 in Brevard, go southeast on U. S. 276 2.4 miles; turn left on Y-road; go 150 ft. and turn sharp left; go 2.3 miles. Station is left of road and 20 ft. from edge of back slope, 25 ft. west of large boulder rock. See references below.

North Carolina Lambert Coordinates: (X) 897,919.9 (Y) 549,760.3 TD
Elev: 3080.875 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	28.24 ft. N 80° E	From Brevard	(drill hole in rock boulder).	
Reference Mark 2:	3.92 ft. N 14° W		nail and TVA washer in 1-1/2" laurel.	
Reference Mark 3:	5.35 ft. N 61° E		nail and TVA washer in 1-1/2" laurel.	
Caesars Head Quadrangle 194 Field Book MS-8118, page 19 Comp. Ref: 194-109				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-648 County: Transylvania State: North Carolina

Observer: TVA, Rogers Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron stamped "TVA-LR-648" about 4.2 miles southeast of Brevard, N.C. To reach from intersection of U. S. 64 and 276 in Brevard, go 2.4 miles southeast on U. S. 276; turn left on Y-road and go 150 ft. Turn left and go 3.4 miles; stop at woods road right; walk southeast along right ridge line 1500 ft. Station is at edge of rock cliff at end of ridge. See References below.

North Carolina Lambert Coordinates: (X) 900,550.7 (Y) 546,525.4
Elev: 3127.4 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	12.03 ft. S 40 E		to Nail and TVA washer in 9" pine tree	
Reference Mark 2:	13.10 ft. East		to Nail and TVA washer in 6" oak.	
Reference Mark 3:	24.8 ft. N 30 W		to nail and TVA washer in 20" chestnut.	
angle iron - not searched for in 1965				
Caesars Head Quadrangle 194 Field Book MS-8118, page 25 Comp. Ref: 194-110				

Plotted

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-649 County: Transylvania State: North Carolina

Observer: TVA, Rogers Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron stamped "TVA-LR-649" about 4.2 miles southeast of Brevard, N.C. To reach from intersection of U. S. 64 and 276 in Brevard, go 2.4 miles southeast on U. S. 276; turn left on Y-road; go 150 ft.; turn left, and go 2.0 miles; turn right on woods road and go 1.2 miles; turn left on Y-road and go 0.2 miles to field and former house site. Station is right of road under 9" apple tree that is northernmost one of a row of trees. See references below.

North Carolina Lambert Coordinates: (X) 898,409.7 (Y) 545,612.8
Elev: 2638.0 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	1.0 ft. S 60 W		to 9" apple tree	
Reference Mark 2:	27.65 ft. S 40 E		to 6" cedar tree	
Reference Mark 3:	65.95 ft. S 80 E		to 48" oak tree	
angle iron - not searched for in 1965				
Caesars Head Quadrangle 194 Field Book MS-8118, page 22 Comp. Ref: 194-111				

Plotted

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: LR-651

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941

Datum:

Description: (Station is a 1 x 1 angle iron stamped "TVA-LR-651") 17.0 miles east of Brevard. To reach from square in Brevard, follow U. S. Highway 64 toward Hendersonville 6.6 miles (Penrose post office); turn right and go 2.5 miles to "Jot-em-down" store at 3-way intersection. Bear left, go 1.4 miles to T-road. Point is about 2 ft. from back slope of roadway ditch in northwest corner of T-road.

Reference Mark 1: 56.10 ft. S 44 E
Reference Mark 2: 3.65 ft. S 07 W
Reference Mark 3: 309.25 ft. N 07 E

to 12" apple tree.
to mail box post.
to 12" pine. (mail washers in)

North Carolina Lambert Coordinates: (X) 922,850.2 (Y) 560,971.3
Elev: 2139.075 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<i>Rep. on cond - 5/11/65 - J. B. Little - Searched for not found -</i>				
Caesars Head Quadrangle 194 Field Book MS-8120, page 17 Comp. Ref: 194-113				

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: LR-652

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941

Datum:

Description: (Station is a 1 x 1 angle iron stamped "TVA-LR-652") 15.0 miles east of Brevard. To reach from square in Brevard, follow U. S. Highway 64 toward Hendersonville 6.6 miles (Penrose post office); turn right 2.5 miles to "Jot-em-down" store at intersection of three roads. Turn right, go 0.2 miles; turn right on T-road, go 0.5 miles and turn right, thence 0.2 miles to sharp curve. Point is 305.0 ft. east of V-curve and about 20 ft. south of road.

Reference Mark 1: 5.6 ft. N 40 W
Reference Mark 2: 4.45 ft. South
Reference Mark 3: 12.7 ft. S 72 E

to 15" oak.
to 17" oak.
to 12" oak.

North Carolina Lambert Coordinates: (X) 912,352.9 (Y) 563,029.6
Elev: 2156.575 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<i>Elev. 2157.1 ft. ✓</i>				
<i>Rep. on cond. 5/24/65 - M. L. B. Searched for but not found.</i>				
Caesars Head Quadrangle 194 Field Book MS-8120, page 14 Comp. Ref: 194-114				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-653 *See Note* County: Transylvania State: North Carolina

Observer: TVA, Rogers Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron, stamped "TVA-LR-653"), about 7 ^(approx) miles south of Brevard. To reach from intersection of Highways 64 and 276 in Brevard, go south on 276 7.3 miles; turn right on T-road, drive 1.1 miles; continue left on dirt road 0.1 mile and turn right on woods road; follow this road 1.6 miles to top of knoll. Point is north 25.0 ft. from highest point on knoll.

Reference Mark 1: 13.82 ft. S 30 W to V12" chestnut stump.
Reference Mark 2: 6.85 ft. N 60 W to V24" oak snag.
Reference Mark 3: 14.85 ft. N 35 E to V12" chestnut stump.

North Carolina Lambert Coordinates: (X) 891,323.5 (Y) 522,322.3 T4
Elev: 3275.0 ⁷³ Latitude Longitude

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<p>Note: Reported destroyed. See letter from William Leonard to Mr. Trinson dated Sept. 12, 1955. Rep. on comp. 6/3/65 - M.L.B. Not found - Believe destroyed by grader work.</p>				
Caesars Head Quadrangle 194 Field Book MS-8120, page 25 Comp. Ref: 194-115				Plotted 3/61

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-654 County: Transylvania State: North Carolina

Observer: TVA, Rogers Year: 1941 Datum:

Description: (Station is a 1 x 1 angle iron stamped "TVA-LR-654"), about 5 ^(approx) miles southeast of Brevard. To reach from intersection of U. S. Highways 64 and 276 in Brevard, go south on U. S. 276 10.8 miles; turn left 0.2 miles; turn left and go 2.5 miles; bear left at "Y" and go 0.0 miles; thence left along woods road 0.1 mile to station. See references below.

North Carolina Lambert Coordinates: (X) 910,467.7 (Y) 545,305.4 T4
Elev: 2573.8 ⁷⁵ Latitude Longitude

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1: 14.7 ft. N 28 E Reference Mark 2: 16.6 ft. N 28 W Reference Mark 3: 16.10 ft. S 85 W		to V4" pine. to V4" pine. to V4" black gum.		
<p>angle iron - Not searched for in 1965</p>				
Caesars Head Quadrangle 194 Field Book MS-8120, page 27 Comp. Ref: 194-116				Plotted 3/61

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-655

County: Transylvania

State: N. C.

Observer: TVA, Rogers

Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron stamped "TVA-LR-655". About 5.5 miles SE of Brevard. To reach from intersection of U. S. Hwys. 64 & 276 in Brevard, drive south on U. S. Hwy. 276 10.8 miles to T-road. Turn left 0.2 miles to Y-road. Continue left 2.34 miles. Thence left 1.2 miles to station. Station is one foot back of road ditch on right.

Reference Mark No. 1: 30.3' N 4 E to 18" pine tree.

Reference Mark No. 2: 25.7' N 30 E to 12" oak tree.

Reference Mark No. 3: 30.1' S 15 E to 13" locust tree.

(Rail at TVA water in)

North Carolina Lambert Coordinates: (X) 908,493.0 (Y) 542,391.5 T4
Elev: 3114.0 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<p>Rep. an copy - 5/28/1965 - N.L.B. searched for but not found -</p>				
<p>Caesars Head Quadrangle 194 Field Book MS-8121, page 5. Comp. Ref: 194-117</p>				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-656

County: Transylvania

State: N. C.

Observer: TVA, Rogers

Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron stamped "TVA-LR-656". About 8.5 miles SE of Brevard. To reach from intersection of U. S. Hwys. 276 & 64 in Brevard, drive 10.9 miles south on U. S. Hwy. 276. Turn right and go 1.3 miles. Turn left on woods road and drive 0.2 miles. Continue left 1.3 miles to end of road. Walk north 1500 feet to top of knoll. Station is under 18" oak tree, 100 feet west of highest point on knoll.

Reference Mark No. 1: 0.75' N 80 E to 18" oak tree.

Reference Mark No. 2: 14.5' S 25 W to 9" oak.

Reference Mark No. 3: 17.0' West to 4" pine.

(Rail at TVA water in)

North Carolina Lambert Coordinates: (X) 903,890.2 (Y) 520,831.3 T4
Elev: 3145.5 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
<p>angle iron not searched for in 1965.</p>				
<p>Caesars Head Quadrangle 194 Field Book MS-8121, page 8 Comp. Ref: 194-118</p>				

MONUMENT DESCRIPTION

STATION LR-665 Date Set November, 1939 *TVA*
State North Carolina County Henderson Section 1 Quad 194-NE



Character of Station ^A Standard TVA bronze tablet set in a precast concrete post and stamped "LR-665-1941."

Distance and Direction from Prominent Points

6.8 Miles southwest of U. S. Post Office in Flatrock, North Carolina, via Little River Road, 9.8 miles southwest of Courthouse in Hendersonville, North Carolina, via U. S. Highway 25 and Little River Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner C. C. Marshall

Other Descriptions ^m 7.2 Miles east of Grange, ~~N. C.~~, 5.5 miles east of Henderson-Transylvania County Line along Crab Creek Road, 1.9 miles east of Crab Creek Church, at intersection of Mud Creek Road with Crab Creek Road, 50 feet south of Crab Creek Road, 17 feet west of Mud Creek Road, 300 feet north of ~~one-story~~ log residence of C. C. Marshall, 32 feet south of west end of 30' ^{inch} concrete culvert at intersection of roads, 5 feet west of top of bank.

REFERENCE MARKS

- Mark No. 1. ^{ft} 13.3 feet S 50° E to 24" white pine tree.
- Mark No. 2. ^{ft} 29.9 feet N 50° W to power pole.
- Mark No. 3. ^{ft} 17.0 feet N 50° E to centerline Mud Creek Road.

MONUMENT DESCRIPTION

STATION LR-666 Date Set November, 1939 *TVA*
State North Carolina County Henderson Section 2 Quad 194-Northeast



Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LR-666-1941."

Distance and Direction from Prominent Points

8.9 Miles southeast of U. S. Post Office in Flatrock, N. C., via Little River Road and Crab Creek Road, 9.7 miles southeast of U. S. Post Office in Penrose, North Carolina

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner

Other Descriptions ^m 5.1 Miles east of Grange, North Carolina, 3.4 miles east of Henderson-Transylvania County Line along Crab Creek Road, 0.2 mile west of Crab Creek Church, on north side of Crab Creek Road, 65 feet from centerline road, on right bank of small branch, 33 feet from centerline branch, 18.5 feet east of foot of bank, 9 feet east of path up hollow.

REFERENCE MARKS

- Mark No. 1. ^{ft} 79.0 feet N 15° E to 24" red oak tree.
- Mark No. 2. ^{ft} 28.8 feet N 55° W to 8" white pine tree on bank.
- Mark No. 3. ^{ft} 43.8 feet S 30° E to north end of 48" metal culvert.

TVA 1160 (WCP-9-37)

STATION LR-665

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted)
1936 Southeastern - Second-order field

2190.878
2190.904

Position

Grid North (Y)

East (X)

Geographic

Latitude

Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 4

Adjustment Area 79, summary sheet 1

TVA 1160 (WCP-9-37)

STATION LR-666

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted)
1936 Southeastern - Second-order field

2358.355
2358.381

Position

Grid North (Y)

East (X)

Geographic

Latitude

Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 3

Adjustment Area 79, summary sheet 1

MONUMENT DESCRIPTION

STATION LR-665 Date Set November, 1939 *TVA*
State North Carolina County Henderson Section 1 Quad 194-NE



Character of Station ^A Standard TVA bronze tablet set in a precast concrete post and stamped "LR-665-1941."

Distance and Direction from Prominent Points

6.8 miles southwest of U. S. Post Office in Flatrock, North Carolina, via Little River Road, 9.8 miles southwest of Courthouse in Hendersonville, North Carolina, via U. S. Highway 25 and Little River Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner C. C. Marshall

Other Descriptions ^{7.2} miles east of Grange, ~~N. C.~~, 5.5 miles east of Henderson-Transylvania County Line along Crab Creek Road, 1.9 miles east of Crab Creek Church, at intersection of Mud Creek Road with Crab Creek Road, 50 feet south of Crab Creek Road, 17 feet west of Mud Creek Road, 300 feet north of ~~one-story~~ log residence of C. C. Marshall, 32 feet south of west end of 30' concrete culvert at intersection of roads, 5 feet west of top of bank.

REFERENCE MARKS

Mark No. 1 ^{ft} 13.3 feet S 50° E to 24" white pine tree.

Mark No. 2 ^{ft} 29.9 feet N 50° W to power pole.

Mark No. 3 ^{ft} 17.0 feet N 50° E to centerline Mud Creek Road.

MONUMENT DESCRIPTION

STATION LR-666 Date Set November, 1939 *TVA*
State North Carolina County Henderson Section 2 Quad 194-Northeast



Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LR-666-1941."

Distance and Direction from Prominent Points

8.9 miles southeast of U. S. Post Office in Flatrock, N. C., via Little River Road and Crab Creek Road, 9.7 miles southeast of U. S. Post Office in Penrose, North Carolina

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner

Other Descriptions ^{5.1} miles east of Grange, North Carolina, 3.4 miles east of Henderson-Transylvania County Line along Crab Creek Road, 0.2 mile west of Crab Creek Church, on north side of Crab Creek Road, 65 feet from centerline road, on right bank of small branch, 33 feet from centerline branch, 18.5 feet east of foot of bank, 9 feet east of path up hollow.

REFERENCE MARKS

Mark No. 1 ^{ft} 79.0 feet N 15° E to 24" red oak tree.

Mark No. 2 ^{ft} 28.8 feet N 55° W to 8" white pine tree on bank.

Mark No. 3 ^{ft} 43.8 feet S 30° E to north end of 48" metal culvert.

TVA 1160 (WCP-9-37)

STATION LR-665

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted)
Position 1936 Southeastern - Second-order field

2190.878
2190.904

Grid North (Y) Latitude

East (X) Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 4

Adjustment Area 79, summary sheet 1

TVA 1160 (WCP-9-37)

STATION LR-666

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted)
Position 1936 Southeastern - Second-order field

2358.355
2358.381

Grid North (Y) Latitude

East (X) Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 3

Adjustment Area 79, summary sheet 1

MONUMENT DESCRIPTION

STATION LR-667 Date Set November, 1939 TVA

State North Carolina County Henderson Section 2 Quad 194-NE

Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LR-667-1941"

Distance and Direction from Prominent Points

10.0 miles southwest of U. S. Post office in Flatrock, N. C., via Little River Road and Crab Creek Road, 8.6 miles southeast of U. S. Post Office in Penrose, North Carolina

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner

Other Descriptions 4.0 miles east of Grange, N.C., 2.3 miles east of Henderson-Transylvania County line along Crab Creek Road, on north side of county road, 29 feet from centerline of road, 14 feet north of barb wire fence, at toe of slope and edge of wood line in pasture field, and 125 feet east of barb wire fence corner.

REFERENCE MARKS

Mark No. 1 13.0 feet N 55° W to 12" triple red oak tree

Mark No. 2 26.0 feet N 65° E to 16" red oak tree (painted BM)

Mark No. 3 15.5 feet S 35° E to fence post (painted BM)

MONUMENT DESCRIPTION

STATION LR-668 Date Set November, 1939 TVA

State North Carolina County Henderson Section 3 Quad 194-NE

Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LR-668-1941."

Distance and Direction from Prominent Points

6.7 miles southeast of U. S. Post Office in Penrose, North Carolina, 11.9 miles southwest of U. S. Post Office in Flatrock, N. C., via Little River Road and Crab Creek Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner

Other Descriptions 0.4 mile east of Transylvania-Henderson County line, 2.1 miles east of Grange, N.C., approximately 0.3 mile south of Holly Springs Church, on north side of Crab Creek Road, 27 feet from centerline road, 695 feet northeast of centerline of road at T-road intersection south, 57.5 feet east of corner of barb wire, 150 feet east of five mail boxes, 300 feet southeast of 1-1/2 story frame house painted brown, 18 feet north of top of road bank, at edge of old road.

REFERENCE MARKS

Mark No. 1 31.4 feet N 60° W to 8" white pine tree

Mark No. 2 19.2 feet Due East to 15" red oak tree

Mark No. 3 81.0 feet S 45° W to 20" locust tree across road east of "PL" road

TVA 1160 (WCP-9-37)

STATION LR-667

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2222.361
1936 Southeastern - Second-order field 2222.374

Position

Grid North (Y)

East (X)

Geographic Latitude

Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 3

Adjustment Area 79, summary sheet 1

TVA 1160 (WCP-9-37)

STATION LR-668

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2143.158
1936 Southeastern - Second-order field 2143.162

Position

Grid North (Y)

East (X)

Geographic Latitude

Longitude

Distance from

To

Remarks and References:


Comp. Vol. 79, page 2

Adjustment Area 79, summary sheet 1

J. S. Little

Rep. on cond - 5/11/65 A Destroyed Found Spring on Bank L

MONUMENT DESCRIPTION

STATION LR-669 Date Set November, 1939 *TVA* 
State North Carolina County Transylvania Section 3 Quad 194-NE

Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LR-669-1941."

Distance and Direction from Prominent Points

5.6 miles southeast of U. S. Post Office in Penrose, N. C., 13.0 miles southwest of U. S. Post Office in Flatrock, N. C., via Little River Road and Crab Creek Road

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner Hilliard Orr

Other Descriptions 1.0 mile east of Grange, ~~H. C.~~, 100 feet south of W. J. McKinney's residence, 85.5 feet southeast of mail box, on south side of Crab Creek Road, ~~24 feet S,~~ ^{23.9} from centerline ~~road;~~ ^{highway}, 13 feet west of centerline field road to southeast, 15 feet east of pit in bank below road, 105 feet east of drive to W. J. McKinney's house.

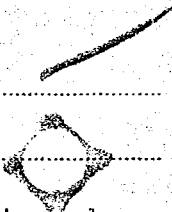
REFERENCE MARKS *28.0' E of 10" Spanish oak*

Mark No. 1 16.7 feet N 45 W to 30" red oak tree

Mark No. 2 13.3 feet S 55 W to 24" white oak tree

Mark No. 3 19.0 feet *NW of 12" Spanish oak snag* S 30 E to 4" red oak tree *1.11*

MONUMENT DESCRIPTION

STATION LR-670 Date Set October, 1939 *TVA* 
State North Carolina County Transylvania Section 1 Quad 194-NW

Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped "LR-670-1941."

Distance and Direction from Prominent Points

2.6 miles south of U. S. Post Office in Penrose, N. C., via Cascade Lake Road, 8.2 miles east of Court House in Brevard, N. C., via U. S. Highway 64, Eagles Nest Road and Cascade Lake Road

DETAILED DESCRIPTION OF LOCATION

Road or Highway At junction of Cascade Lake Road and Crab Creek Road

Property Owner V. C. McCrary

Other Descriptions Station is at Grange, North Carolina, on west side of road, 31 feet from centerline of road, near junction of roads, 150 feet north of Donald Merille Store, 200 feet south of V. C. McCrary's store, 2.2 feet south of barb wire fence, 16.7 feet west of fence corner, 65 feet south of storage building, 51.5 feet north of three mail boxes.

REFERENCE MARKS

Mark No. 1 22.2 feet S 75 W to northeast corner of new one-story frame house

Mark No. 2 65.0 feet Due north to southwest corner of storage building

Mark No. 3 31.0 feet S 65 E to centerline road

TVA 1160 (WCP-9-37)

STATION LR-669

AZIMUTH MARKS

Mark No. 1 Top of northern mast insulator on

trans. tower, Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 1 90° 35' 17"

Mark No. 2 _____

Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 2 _____

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2124.641 ✓
1936 Southeastern - Second-order field 2124.641 ✓

Position _____

Grid N. C. Lamb, North (Y) 560,386.63 East (X) 920,916.13

Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:

Comp. Vol. 79, page 1

Adjustment Area 79, summary sheet 1

*Rep. on cond. - 1-23-64 - Harding - Good.
Up. French Broad & Little River
Photo Control Team. (1965)*

TVA 1160 (WCP-9-37)

STATION LR-670

AZIMUTH MARKS

Mark No. 1 Church steeple is on new brick Little River Baptist

Church (left steeple from LR-670) Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 1 206° 02' 29" ✓

Mark No. 2 Top of the northern mast insulator on trans.

tower in westerly direction. Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 2 82° 42' 19" ✓

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2102.128 ✓
1936 Southeastern - Second-order field 2102.125 ✓

Position _____

Grid N. C. Lam, North (Y) 561,944.86 ✓ East (X) 915,975.25 ✓

Geographic Latitude _____ Longitude _____

Distance from _____ To _____


Remarks and References:

Comp. Vol. 79, page 1

Adjustment Area 79, summary sheet 1

*Up. French Broad
Little River Photo Control*

MONUMENT DESCRIPTION

STATION LR-671 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 1 Quad 194-NW

Character of Station A standard TVA bronze tablet set horizontally in rock outcrop, and stamped "LR-671-1941."

Distance and Direction from Prominent Points
3.8 miles south of U. S. Post Office Penrose, N. C. via Cascade Lake Road, 9.4 miles east of Courthouse Brevard, N. C. via U. S. Highway 64, Eagles Nest Road and Cascade Lake Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Cascade Lake Road.

Property Owner Roy Hart.

Other Descriptions 1.2 miles south of Grange, N. C., 5.3 miles southeast of Davidson River flag station, 0.7 mile north of Cascade Lake Dam, on east side of road, 27 ft. from center line of road, 100 ft. southeast of "T" road, intersection to Eagles Nest Camp, on left bank of Little River, set flush and horizontally in large rock outcrop, 58 ft. south of power pole, 58 ft. north of 15th apple tree across road.


REFERENCE MARKS

Mark No. 1 20.5 ft. S 30° E to 8" wild cherry tree.

Mark No. 2 8.0 ft. N 15° E to 12" black locust tree ("Cascade Lake Inn" sign)

Mark No. 3 24.5 ft. N 55° W to 12" water birch tree.

*** See other side for report on MONUMENT DESCRIPTION condition**

STATION LR-672 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 1 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete post, and stamped "LR-672-1941."

Distance and Direction from Prominent Points
5.2 miles south of U. S. Post Office Penrose, N. C. via Cascade Lake Road, 10.8 miles east of Courthouse Brevard, N. C. via U. S. Highway 64, Eagles Nest Road and Cascade Lake Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Cascade Lake Road.

Property Owner.....

Other Descriptions 2.6 miles south of Grange, N. C., 0.7 mile south of Cascade Lake Dam, 0.2 mile south of Cascade Lake Inn, on west side of road, 45 ft. from center line of road, 22 ft. west of center line of "Y" road, 100 ft. northwest of wood bridge over small branch, 70 ft. southwest of intersection of "Y" road.

REFERENCE MARKS

Mark No. 1 21.8 ft. N 15° W to 20" white oak tree.

Mark No. 2 16.5 ft. Due East to 3" black pine tree.

Mark No. 3 27.9 ft. Due South to 6" poplar tree.

TVA 1160 (WCP-9-37)

STATION LR-671

AZIMUTH MARKS

Mark No. 1 Top of northernmost insulator on

trans. line Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 1 113° 27' 50" ✓

Mark No. 2 _____

Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 2 _____

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2107.082 ✓
1936 Southeastern - Second-order field 2107.073 ✓

Position _____

Grid N. C. Lam. North (Y) 557, 031.27 ✓ East (X) 913, 126.47 ✓

Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:

Comp. Vol. 79, page 8

Adjustment Area 79, summary sheet 2

Up. French Broad
Little River Photo Control

TVA 1160 (WCP-9-37)

STATION LR-672

AZIMUTH MARKS

Mark No. 1 _____

Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 1 _____

Mark No. 2 _____

Distance _____ Mag. Bearing _____

Grid Azimuth from Station to Mark No. 2 _____

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2270.618 ✓
1936 Southeastern - Second-order field 2270.639 ✓

Position _____

Grid _____ North (Y) _____ East (X) _____

Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:

Comp. Vol. 79, page 8

Adjustment Area 79, summary sheet 2

(1943)
By H. W. Branson, this monument has been destroyed, remains were found.

Repr. on cond. May 28, 1965 - M.L.B. Destroyed - Found
destroyed - lying on road bank.

MONUMENT DESCRIPTION

STATION LR-673 Date Set TVA October, 1939

State North Carolina County Transylvania Section 6 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete monument, and stamped "LR-673-1941."

Distance and Direction from Prominent Points

6.5 miles south of U. S. Post Office Penrose, N. C. via Cascade Lake Road, 12.1 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 64, Eagles Nest Road and Cascade Lake Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Cascade Lake Road or Buck Forest Road.

Property Owner.....

Other Descriptions 3.9 miles south of Grange, N. C., 2.0 miles south of Cascade Lake Dam, 1.5 mile south of Cascade Lake Inn, on north side of road, 54. ft. from center line of road, on left bank of small branch, 31.5 ft. east of center line of road up branch, 52 ft. northwest of 18" metal culvert north end, in small cleared area.

REFERENCE MARKS

- Mark No. 1..... 36.8' ft. N 80° W to 12" double white oak trees.
- Mark No. 2..... 16.6' ft. N 15° W to 4" black oak tree.
- Mark No. 3..... 30.0' ft. N 85° E to 12" forked maple tree.

MONUMENT DESCRIPTION

STATION LR-674 Date Set TVA October, 1939

State North Carolina County Transylvania Section 6 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete monument, and stamped "LR-674-1941."

Distance and Direction from Prominent Points

7.5 miles south of U. S. Post Office Penrose, N. C. via Cascade Lake Road, 13.1 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 64, Eagles Nest Road and Cascade Lake Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Cascade Lake Road or Buck Forest Road.

Property Owner.....

Other Descriptions 5.0 miles south of Grange, N. C., 3.0 miles south of Cascade Lake Dam, 2.5 miles south of Cascade Lake Inn, on east side of county road, 31.5 ft. from center line of road, 23 ft. north of center line of cross road, 56 ft. northeast of mail box across road on top of road bank, in edge of hedge apple thicket, 15 ft. east of top of county road bank, 11 ft. north of top of private road bank, 5 ft. north of ivy bush.

REFERENCE MARKS

- Mark No. 1..... 67.5' ft. S 75° W to 12" apple tree across county road.
- Mark No. 2..... 66.5' ft. N 30° W to 10" poplar tree across county road.
- Mark No. 3..... 8.8' ft. N 70° E to 4" hedge apple tree.

TVA 1160 (WCP-9-37)

STATION LR-673

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment	1936 Southeastern - Second-order (Final Adjusted)	2248.165 ✓
Position	1936 Southeastern - Second-order field	2248.150 ✓

Grid	North (Y)	East (X)
Geographic	Latitude	Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 8

Adjustment Area 79, summary sheet 2

Rep. on cond - 5/28/65 - M.I.B. BM searched for not found -

TVA 1160 (WCP-9-37)

STATION LR-674

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment	1936 Southeastern - Second-order (Final Adjusted)	2484.821 ✓
Position	1936 Southeastern - Second-order field	2484.810 ✓

Grid	North (Y)	East (X)
Geographic	Latitude	Longitude


Distance from To

Remarks and References:

Comp. Vol. 79, page 9

Adjustment Area 79, summary sheet 2

MONUMENT DESCRIPTION

STATION LR-675 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 6 Quad 194-NW

Character of Station A standard TVA bronze tablet set horizontally in rock outcrop, and stamped "LR-675-1941."

Distance and Direction from Prominent Points

13.5 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 276, Buck Forest Road, 8.6 miles south of U. S. post Office Penrose, N. C. via Cascade Lake Road, 3.7 miles north of U. S. post Office Cedar Mt., N. C. via U. S. Highway 276 and Buck Forest Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Buck Forest Road or Cascade Lake Road.


Property Owner.....

Other Descriptions 6.1 miles south of Grange, ~~N. C.~~ 4.1 miles south of Cascade Lake Dam, 3.3 miles north of intersection of Buck Forest Road with U. S. Highway 276, 0.5 mile northwest of "Y" road intersection, on northeast side of road, 26 ft. from center line of road, 13.5 ft. northeast top of road bank, set flush and horizontally in large rock outcrop, nearly surrounded with ivy bushes.

REFERENCE MARKS

Mark No. 1	63.0' ft.	S 55° E	to 12" black pine tree (painted BM).
Mark No. 2	51.5' ft.	S 45° W	to 8" spanish oak tree across road.
3	30.2' ft.	N 70° E	to 8" black pine tree.
Mark No. 3 4	115.7' ft.	S 35° E	to 15" spanish oak tree across road. <i>RM</i>

MONUMENT DESCRIPTION

STATION LR-676 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 7 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete ~~monument~~,^{post} and stamped "LR-676-1941."

Distance and Direction from Prominent Points

12.4 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 276, Buck Forest Road, 2.6 miles north of U. S. post Office, Cedar Mountain, N. C. via U. S. Highway 276, Buck Forest Road, and 9.7 miles south of U. S. post Office Penrose, N. C. via Cascade Lake Rd.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Buck Forest Road or Cascade Lake Road.

Property Owner.....

Other Descriptions 2.2 miles north of intersection of Buck Forest Road with U. S. Highway 276, 5.2 miles south of Cascade Lake Dam, 7.2 miles south of Grange, N. C., 0.6 mile south of "Y" road, intersection to northeast on west side county road, 26.5 ft. from center line of road, 16 ft. west of top road bank, 400 ft. south of small one-story frame house, 100 ft. north of west end of 18" metal culvert, set nearly flush with ground, 5 ft. west of small laurel bush.

REFERENCE MARKS

Mark No. 1	9.0' ft.	S 15° E	to 30" white pine tree.
Mark No. 2	63.8' ft.	N 20° E	to 30" spanish oak tree.
Mark No. 3	51.0' ft.	N 15° W	to 8" spruce pine tree. <i>RM</i>

TVA 1160 (WCP-9-37)

STATION LR-675

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2733.003 ✓
1936 Southeastern - Second-order field 2732.994

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 9

Adjustment Area 79, summary sheet 2

TVA 1160 (WCP-9-37)

STATION LR-676

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2726.399 ✓
1936 Southeastern - Second-order field 2726.380

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 9

Adjustment Area 79, summary sheet 2

Rep. on card - M.L.B. - June 3, 1965 - Searched for but not found -

MONUMENT DESCRIPTION

STATION LR-677 Date Set October, 1939 *TVA*

State North Carolina County Transylvania Section 7 Quad 194-NW

Character of Station A standard TVA bronze tablet set horizontally in rock slope of mountain, and stamped "LR-677-1941."

Distance and Direction from Prominent Points

1.7 miles north of U. S. Post Office Cedar Mountain, N. C. via U. S. Highway 276 and Buck Forest Road, 11.5 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 276 and Buck Forest Road, 10.6 miles south of U. S. Post Office Penrose, N. C. via Cascade Lake Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Buck Forest Road.

Property Owner.....

Other Descriptions 1.7 miles north of Cedar Mountain, 1.3 miles north of intersection of Buck Forest Road with U. S. Highway 276, 6.1 miles south of Cascade Lake Dam, on west side of road, 42 ft. from center line of road, 65 ft. northwest of east end of 36" metal culvert, set flush and horizontally in rock slope of mountain side, 135 ft. northwest of bottom of rock slope, 12 ft. northeast of 5" spruce pine tree.

REFERENCE MARKS

Mark No. 1 24.5' ft. Due North to 10" black pine tree.

Mark No. 2 24.6' ft. S 45° W to 8" twin maple trees.

Mark No. 3 30.6' ft. S 25° E to 18" black gum tree.

MONUMENT DESCRIPTION

STATION LR-678 Date Set October, 1939 *TVA*

State North Carolina County Transylvania Section 7 Quad 194-NW

Character of Station A standard TVA bronze tablet set horizontally in rock outcrop, and stamped "LR-678-1941."

Distance and Direction from Prominent Points

10.1 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 276, 1.55 miles west of U. S. Post Office Cedar Mountain, N. C. via U. S. Highway 276.

DETAILED DESCRIPTION OF LOCATION

Road or Highway ~~N. C. U. S. Highway 276.~~

Property Owner.....

Other Descriptions 2.4 miles east of Seeshore, N. C., 46 ft. north of center line of highway, 16 ft. west of center line of ^{Wm} road north, 350 ft. southwest of one-story frame house with large white pine tree in yard, 91 ft. west of west end of concrete head wall (north end) to 36" concrete culvert near barbed wire fence corner, at edge of woods, set flush in rock ledge outcrop.

REFERENCE MARKS

Mark No. 1 12.9' ft. Due South to 12" white pine tree (painted BM).

Mark No. 2 9.5' ft. N 40° W to 5" white pine tree.

Mark No. 3 105.0' ft. N 30° E to 12" apple tree.

TVA 1160 (WCP-9-37)

STATION LR-677

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2727.901 ✓ T2
1936 Southeastern - Second-order field 2727.883

Position

Grid North (Y)

East (X)

Geographic Latitude

Longitude

Distance from

To

Remarks and References:

Comp. Vol. 79, page 10

Adjustment Area 79, summary sheet 2

*Rep. on coord. June 3, 1965 - M.L.B. - not found.
BM searched for but not found.*

TVA 1160 (WCP-9-37)

STATION LR-678

AZIMUTH MARKS

Mark No. 1

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance

Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2698.282 ✓ T2
1936 Southeastern - Second-order field 2698.252

Position

Grid North (Y)

East (X)

Geographic Latitude

Longitude

Distance from

To


Remarks and References:

Comp. Vol. 79, page 11

Adjustment Area 79, summary sheet 2

*Rep. on coord - M.L.B. June 3, 1965 - BM searched
for but not found.*

MONUMENT DESCRIPTION

STATION LR-679 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 8 Quad 194-NW

Character of Station A standard TVA tablet set in precast concrete monument, and stamped "LR-679-1941."

Distance and Direction from Prominent Points

8.85 miles southeast of Courthouse Brevard, N. C. via U. S. Highway 276, 2.8 miles west of U. S. Post Office Cedar Mountain, N. C. via N. C. U. S. Highway 276.

DETAILED DESCRIPTION OF LOCATION

Road or Highway N. C. U. S. Highway 276.

Property Owner Highway right-of-way.

Other Descriptions 1.15 miles east of Seeshore, N. C., 200 ft. east of road to Judson Lake, on south side of U. S. Highway 276, 24 ft. from center line of highway, 200 ft. south of large two-story frame house painted white, 72.5 ft. west of northwest corner of barn, 2.3 ft. north of woven wire fence, 7 ft. south of pole fence along highway, 65 ft. south-west of cross road to house and barn.


REFERENCE MARKS

Mark No. 1 8.3' ft. Due west to 20" white pine tree in fence row.

Mark No. 2 10.4' ft. Due east to 18" white pine tree in fence row.

Mark No. 3 58.5' ft. N 40° E to 12" forked apple tree across highway. *RTM*

MONUMENT DESCRIPTION

STATION LR-680 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 8 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete monument, and stamped "LR-680-1941."

Distance and Direction from Prominent Points

7.6 miles southeast of Courthouse Brevard, N. C. via N. C. U. S. Highway 276, 4.1 miles west of U. S. Post Office Cedar Mountain, N. C. via Highway 276.

DETAILED DESCRIPTION OF LOCATION

Road or Highway N. C. U. S. Highway 276.

Property Owner.....

Other Descriptions 0.1 mile west of Seeshore, N. C. on north side of U. S. Highway 276, 53 ft. from center line of highway, 58 ft. northeast of center line of highway at ^Yth road intersection south, 52 ft. west of row of small white pine trees on north side of highway just across highway from west end of row of white pine trees on south side of road, 36 ft. east of "Y" road, northwest, 3 ft. south of foot of 10 ft. road bank.

REFERENCE MARKS

Mark No. 1 94.0' ft. S 05° E to 12" white pine across highway.

Mark No. 2 71.5' ft. S 30° W to 12" white pine across highway.

Mark No. 3 25.7' ft. N 15° W to 4" yellow pine tree on bank. *RTM*

TVA 1160 (WCP-9-37)

STATION LR-679

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2730.539 ✓ r2
1936 Southeastern - Second-order field 2730.507 ✓ r2

Position
Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 11

Rep. on cond - May 28, 1965 - M.L.B. BM searched for but not found.

TVA 1160 (WCP-9-37)

STATION LR-680

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2756.986 ✓ r2
1936 Southeastern - Second-order field 2756.950 ✓ r2

Position
Grid North (Y) East (X)
Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 11

Rep. on cond M.L.B. May 28, 1965 - BM searched for but not found.

MONUMENT DESCRIPTION

STATION LR-681 Date Set October, 1939 TVA
State North Carolina County Transylvania Section 9 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete monument, and stamped "LR-681-1941."

Distance and Direction from Prominent Points

8.7 miles south of Courthouse Brevard, N. C. via Highway 276 and East Fork Road, 5.2 miles west of U. S. Post Office Cedar Mountain, N. C. via Highway 276 and East Fork Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway East Fork Road.

Property Owner

Other Descriptions 1.2 miles southwest of Seeshore, N. C., 1.1 miles southwest of N. C. U. S. Highway 276, 150 ft. north of "Y" road intersection south, 23 ft. west of East Fork Road, 11.5 ft. west of five mail boxes, 13 ft. west of ditch line.

REFERENCE MARKS

- Mark No. 1 14.4' ft. S 25° E to 18" red oak.
- Mark No. 2 44.2' ft. S 80° W to 12" yellow pine.
- Mark No. 3 29.5' ft. N 10° W to 10" twin red oak trees.

MONUMENT DESCRIPTION

STATION LR-682 Date Set October, 1939 TVA
State North Carolina County Transylvania Section 9 Quad 194-NW

Character of Station A standard TVA bronze tablet set in precast concrete monument, and stamped "LR-682-1941."

Distance and Direction from Prominent Points

9.7 miles south of Courthouse Brevard, N. C. via Highway 276 and East Fork Road, 6.2 miles southwest of U. S. Post Office Cedar Mountain, N. C. via Highway 276 and East Fork Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway East Fork Road.

Property Owner on the property of James Mull.

Other Descriptions 2.2 miles southwest of Seeshore, N. C., 2.1 miles southwest of N. C. U. S. Highway 276, on west side of East Fork Road, 45 ft. from center line of road on right bank of Bradley Creek, 98 ft. southwest of center line of road over 48" metal culvert on Bradley Creek, 14 ft. west of trail up hollow, 32 ft. northwest of top of road bank.

REFERENCE MARKS

- Mark No. 1 7.4' ft. S 10° E to 10" hickory tree (painted BM).
- Mark No. 2 8.3' ft. S 65° W to 12" hickory tree (Painted BM).
- Mark No. 3 44.7' ft. N 72° E to 12" white oak tree (painted BM).

TVA 1160 (WCP-9-37)

STATION LR-681

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2897.835
1936 Southeastern - Second-order field 2897.794

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

Remarks and References:

Comp. Vol. 79, page 12

Adjustment Area 79, summary sheet 2

Rep. on cond - M.L.B. 6/3/65 - BM searched for but not found.

TVA 1160 (WCP-9-37)

STATION LR-682

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2830.601
1936 Southeastern - Second-order field 2830.556

Position

Grid North (Y) East (X)

Geographic Latitude Longitude

Distance from To

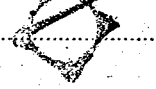
Remarks and References:

Comp. Vol. 79, page 12

Adjustment Area 79, summary sheet 2

Rep. on cond - 6/3/65 - M.L.B. Found destroyed. Mon found out of ground - on bank in woods.

MONUMENT DESCRIPTION

STATION LR-683 Date Set October, 1939 *TVA* 

State North Carolina County Transylvania Section 3 Quad 194-SW

Character of Station A standard TVA bronze tablet set in precast concrete monument, and stamped "LR-683-1941."

Distance and Direction from Prominent Points

8.1 miles southeast of U. S. Post Office Rosman, N. C. via N. C. Highway 178 and East Fork Road, 17.6 miles south of Courthouse Brevard, N. C. via Highway U. S. 64, N. C. 178, and East Fork Road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway East Fork Road.

Property Owner.....

Other Descriptions 7.1 miles southeast of intersection of East Fork Road with N. C. Highway 178, 2.7 miles southeast of East Fork church house, on south side of East Fork Road, 26 ft. from center line of road, 48 ft. east of "T" road intersection south, 52 ft. north-east of northeast corner of wood Bridge 119 over river, outside of sharp curve, 102 ft. east of mail box.

REFERENCE MARKS

- Mark No. 1 15.0 ft. N 65 E to 10" black gum tree.
- Mark No. 2 86.7 ft. N 60 W to 8" white pine tree on road bank.
- Mark No. 3 10.1 ft. S 85 E to 4" black gum tree.

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-920

County: Transylvania
Greenville

State: N.C., S.C.

Observer: Rogers-TVA

Year: 1941 Datum: Local

Description: Station is a 1 x 1 angle iron stamped "LR-920". Station is on N.C. and S.C. state line, about 120 miles southeast of Brevard, N.C. To reach from intersection of U.S. highways #276 & #64 in Brevard follow #276 south 1.4 miles. Turn on "T" road at signs "Windy top" and "Faith Memorial Chapel" and drive 1.4 miles. Turn left on woods road and go 0.2 miles. Take left fork and drive 1.0 mile to creek at destroyed bridge. Leave car and walk south 1800' to top of hill. Point is under large oak. See references below. About 50' NW of highest point on knoll. See references below.

North Carolina Lambert Coordinates: (X) 907,389.9 (Y) 519,301.9 *TVA Dist. by YEC*

Elev: 3238.0 [Latitude

Longitude

To Station	Azimuth	Back Azimuth	Distance
			Log. Meters Miles
Reference Mark 1:	N 10 E	4.36' to 30"	Oak tree
Reference Mark 2:	N 42 E	12.85' to 12"	Oak
Reference Mark 3:	S	9.35' to 9"	Oak

(Transylvania VA station)

Caesars Head Quadrangle 194
Field Book MS-8164, page 14
Comp. Ref: 194-125

TVA 1160 (WCP-9-37)

STATION LR-683

AZIMUTH MARKS

Mark No. 1

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance Mag. Bearing

Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2393.860 ✓ T2
1936 Southeastern - Second-order field 2393.786 ✓

Position

Grid North Carolina Lambert North (Y) 515,795.0 East (X) 881,038.9 ✓

Geographic Latitude Longitude

Distance from To

Remarks and References:

Plotted by
Y.E.C. ✓

Comp. Vol. 79, page 13

Comp. Ref: 185-100

Field Book MS-7024, page 7

Adjustment Area 79, summary sheet 2

TVA 2054 (WCP)
Tennessee Valley Authority

194
194
TRIANGULATION STATIONS

Station: IR-921 *Destroyed* County: Transylvania State: N.C.

Observer: Rogers - TVA Year: 1941 Datum:

Description: Station is a 1 x 1 angle iron stamped "LR-921". Station is about 8.5 miles south east of Brevard, to reach from intersection of U. S. highway #64 & #276 in Brevard follow #276 south 7.4 Miles. Turn right on "T" road and go 1.1 Miles. Turn right at forks and drive 3.9 miles to point. Point is on south road bank about 2.5 miles from beginning of cut, and in center of curve.

Reference Mark 1: S 10 W 11.01' to fence post
Reference Mark 2: S 15 E 7.52' to 4" hickory stump
Reference Mark 3: S 55 E 5.76' to 3" oak stump

North Carolina Lambert Coordinates: (X) 881,606.6 (Y) 515,870.1
Elev: 2123.4(+5') [Latitude Longitude Plotted by Y.E.C.]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
T3				
<p>Report on Condition: Branson: May 1946 A thorough search was made but unable to locate; believed this point was destroyed by construction of road when widened.</p> <p>Published Note: Located for 50' road, 1946.</p> <p>MS-8164 Page 20 Comp. Ref: 185-100 Caesars Head Quad. 194</p>				

TVA 2054 (WCP)
Tennessee Valley Authority

194
194
TRIANGULATION STATIONS

Station: LR-952 County: Pickens State: S. Carolina

Observer: TVA Year: 1941 Datum:

Description: Station is located about 13.7 miles northeast of Pickens, South Carolina. To reach from Pickens post office, drive north on State Highway 183, bearing left at theater and going 13.7 and going 13.7 miles to Burgess Woco Pep Filling Station and Store located at cross roads. LR-952 is on bank at southwest corner of intersection.

North Carolina Lambert Coordinates: (X) 916,653.41 (Y) 492,211.84
Elev: 1132.5 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
References: (TVA nail and washers)				
Reference Mark 1:	5.85 ft. N 23° E	to VREA Power Pole #2F-53-A		
Reference Mark 2:	71.00 ft. N 77° E	to VREA Power Pole #2F-53		
Reference Mark 3:	2.57 ft. N 81° W	to V fence post		
<p>Caesars Head Quadrangle 194 Field Book: MS-8171, page 15 Comp. Ref: 194-126</p>				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-953

County: Pickens

194
State: S. Carolina

Observer: TVA

Year: 1941 Datum:

Description: Station is about 16 miles northeast of Pickens, South Carolina. To reach from Pickens post office, drive north on State Highway 183. Go left at theater and go 15.5 miles to intersection of South Carolina Highway 183 and U. S. Highway 276. Continue on U. S. Highway 276 northwest 0.8 miles to T-road. Turn left and go 400 feet to Y-road. Turn right and go 0.7 miles to T-road. LR-953 is on west bank of intersection.
Character of station not recorded.

North Carolina Lambert Coordinates: X 910,434.17 (Y) 500,571.43
Elev: 1208.0 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
References - <i>mail and TVA washer in</i> (TVA washer and nail in)				
Reference Mark 1:	53.45 ft. S 70° E	to 6" twin oak		
Reference Mark 2:	44.00 ft. N 60° E	to 4" pine		
Reference Mark 3:	51.88 ft. S 1° W	to 3" sweet gum		
Caesars Head Quadrangle 194 Field Book: MS-8174, page 18 Comp. Ref: 194-127				

TVA 2054 (WCP)
Tennessee Valley Authority

194
TRIANGULATION STATIONS

Station: LR-954

County: Pickens

194
State: S. Carolina

Observer: TVA

Year: 1941 Datum:

Description: ~~Station is~~ located 14 miles northeast of Pickens. To reach from Pickens post office, drive north on State Highway 183, bear left at theater and go 11.5 miles to T-road. Turn left and go 1.0 mile to Y-road. Turn left on Y-road and go 0.9 miles to station. Station is on the northeast side of the road and in the corner of a cleared field.

Report on Condition: Branson; May 1946

Unable to locate, after a thorough search; believed to be destroyed by widening of road.

Character of station not recorded.

North Carolina Lambert Coordinates: (X) 903,293.68 (Y) 490,995.59
Elev: 1239.0 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
References - <i>(nail in TVA washer)</i>				
Reference Mark 1:	7.35 ft. N 50° E	to 2" oak		
Reference Mark 2:	6.05 ft. S 40° E	to 2" oak		
Reference Mark 3:	10.00 ft. S 70° W	to center line of road		
Caesars Head Quadrangle 194 Field Book: MS-8174, page 11 Comp. Ref: 194-128				

MONUMENT DESCRIPTION

STATION LRH-38 Date Set November, 1939 *TVA*

State North Carolina County Henderson Section 1 Quad 194-NE

Character of Station Standard TVA bronze tablet set in a precast concrete post and stamped LRH-38-1941."

Distance and Direction from Prominent Points

7.8 miles southwest of U. S. Post Office in Flatrock, N. C., via Little River Road and Crab Creek Road, 10.8 miles southeast of Post Office in Penrose, North Carolina.

DETAILED DESCRIPTION OF LOCATION

Road or Highway Crab Creek Road

Property Owner J. F. Griffin

Other Descriptions 6.2 miles east of Grange, N.C., 4.5 miles east of Henderson-Transylvania County line along Crab Creek Road, 0.9 mile east of Crab Creek Church, 48 feet north of centerline Crab Creek Road, 67.7 feet northeast of centerline of road at "T" intersection, 24 feet north of top of road bank, 11.6 feet south of barb wire fence corner, in old road bed, 5.5 feet south of foot of old road bank, 76.6 feet northeast of north end of 36" metal culvert.

REFERENCE MARKS

Mark No. 1 100.5 feet N 35° E to 30" white oak tree

Mark No. 2 118.0 feet S 15° E to 20" apple tree across road

Mark No. 3 41.5 feet S 35° W to L. D. Rodes' mail box

TVA 1166 (2-38) BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK N-109 Date Set TVA 1938

State North Carolina County Transylvania Quadrangle Broward-194

Character of Bench Mark Chiselled square

Distance and Direction from Prominent Points Mile 192.4 French Broad Road. Right bank of river, on bottom step of concrete steps at site of burned house 800 feet from bank and 1000 feet above bridge at Pisgah Forest.

DETAILED DESCRIPTION OF LOCATION

Road or Highway

Property Owner

Other Descriptions

Rep. on cond. May 24, 1965 - M.L.B. Not found - Believe steps replaced for new house.

ELEVATION, Adjustment 1936 3rd order 2112.83 *T7*

Remarks: French Broad River HD-page 29

STATION LRH-38

AZIMUTH MARKS

Mark No. 1

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment 1936 Southeastern - Second-order (Final Adjusted) 2222.318 ✓
1936 Southeastern - Second-order field 2222.345

Position
Grid _____ North (Y) _____ East (X) _____
Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:

Comp. Vol. 79, page 3
Adjustment Area 79, summary sheet 1

Rep. on cond - 5/11/65 - J.S. Little - Searched for not found.

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK N-110 ✓

Date Set TVA 1938

Caesars Head

State North Carolina ✓

County Transylvania ✓

Quadrangle Brevard-194

Character of Bench Mark Nail and washer

Distance and Direction from Prominent Points Mile 192.8 French Broad River. Right side of river, in root of 10 inch maple tree at south side of driveway to George W. Maxwell farm near mouth of Williamson Creek.

DETAILED DESCRIPTION OF LOCATION

Road or Highway

Property Owner

Other Descriptions

By H. W. Branson, lost; tree is down

Rep. on cond - 5/24/65 - Believe tree still stands -
M.L.B. But no attempt was made to cut out B.M.

ELEVATION, Adjustment 1936 3rd order 2106.57 '77

Remarks: French Broad River HD-page 29

Field Bk.

Page

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK N-111 ✓

Date Set TVA 1938

Caesars Head

State North Carolina ✓

County Transylvania ✓

Quadrangle Brevard-194

Character of Bench Mark Nail and washer at base of trunk

Distance and Direction from Prominent Points Mile 193.4 French Broad River. Right side of river, in south side of 8 1/2 inch white pine tree on North side of road paralleling river and about 1 mile above Pisgah Forest, N. C.

1/2 N of wooden fence along N edge of road

DETAILED DESCRIPTION OF LOCATION

Road or Highway

Property Owner

Other Descriptions

do not sub. 4-13-45, by H. W. Branson, Make following changes in description: "-----, in south side of 30 inch white pine. Pine is one foot north of wooden fence along north edge of road, and ----- is nail and washer at base of trunk".

Rep. on cond May 24, 1965 - Tree gone -
Not found.

ELEVATION, Adjustment 1936 3rd order 2103.78 '77

Remarks: French Broad River HD-page 29

Field Bk.

Page

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK

N-112 ✓

Date Set

TVA 1938

Caesars Head



State North Carolina ✓

County Transylvania ✓

Quadrangle Brevard-194

Character of Bench Mark Nail and washer

Distance and Direction from Prominent Points Mile 194.7 French Broad River. Right side of river, in east root of 24 inch oak on bank and west of road along bank and about 1200 feet downstream from transmission line of Duke Power Company

DETAILED DESCRIPTION OF LOCATION

Road or Highway.....

Property Owner.....

Other Descriptions

By H. W. Branson Lost: oak is gone

Rep. on cond. 5/24/65 - M.L.B. Searched for but not found -

ELEVATION, Adjustment

1936 3rd order

2108.71 77

Remarks: French Broad River HD-page 29

Field Bk.....

Page.....

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK

N-113 ✓

Date Set

TVA 1938

Caesars Head



State North Carolina ✓

County Transylvania ✓

Quadrangle Brevard-194

Character of Bench Mark Nail and washer

Distance and Direction from Prominent Points Mile 195.4 French Broad River. Right bank of river, in downstream end of east abutment of Wilson Bridge 1.3 miles SE of Brevard, N. C.

DETAILED DESCRIPTION OF LOCATION

Road or Highway.....

Property Owner.....

Other Descriptions Bridge known as Tom Wilson Bridge.

By H. W. Branson Lost: timber abutment has been replaced. Destroyed.

Rep. on cond. M.L.B. 5/24/65 Not found. Believed destroyed by timber bridge

ELEVATION, Adjustment

1936 3rd order

2106.16 77

Remarks: French Broad River HD-page 29

Field Bk.....

Page.....

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK N-114

Date Set TVA 1938

Caesars Head

State North Carolina

County Transylvania

Quadrangle Bravard-194

Character of Bench Mark Nail and washer

Distance and Direction from Prominent Points Mile 196.2 French Broad River. Right side of river, in root of 24 inch spruce in NW corner of F. L. Wilson yard, 0.4 mile below F. L. Wilson Bridge.

DETAILED DESCRIPTION OF LOCATION

Road or Highway

Property Owner F. L. Wilson

Other Descriptions

By H. W. Branson Lost: Pine has been cut.

ELEVATION, Adjustment 1936 3rd order

2112.93 77

Remarks: French Broad River HD-page 30

Field Bk.

Page

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

194

BENCH MARK N-115

Date Set TVA 1938

Caesars Head

State North Carolina

County Transylvania

Quadrangle Bravard-194

Character of Bench Mark Chiselled square

Distance and Direction from Prominent Points Mile 196.5 French Broad River. Left bank of river, on downstream left wingwall of Wilson Bridge on U. S. Route 276.

DETAILED DESCRIPTION OF LOCATION

Road or Highway U. S. Route 276

Property Owner

Other Descriptions

ELEVATION, Adjustment 1936 3rd order

2114.23 77

Remarks: French Broad River HD-page 30

Field Bk.

Page

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

194

BENCH MARK N-116 ✓

Date Set TVA 1938

State North Carolina ✓

County Transylvania ✓

Quadrangle Brevard-194

Character of Bench Mark Chiselled square

Distance and Direction from Prominent Points Mile 197.2 French Broad River. Left bank of river, on east headwall of small culvert on U. S. route 276 1 mile south of Brevard at point where river comes within 15 feet of road.

DETAILED DESCRIPTION OF LOCATION

Road or Highway U. S. route 276

Property Owner

Other Descriptions

ELEVATION, Adjustment 1936 3rd order

2110.19

Remarks: French Broad River HD-page 30

Field Bk.

Page

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

194

BENCH MARK N-117 ✓

Date Set TVA 1938

State North Carolina ✓

County Transylvania ✓

Quadrangle Brevard-194

Character of Bench Mark Chiselled square

Distance and Direction from Prominent Points Mile 197.4 French Broad River. Left side of river, on north headwall of culvert on U. S. route 276.500 feet south of Brevard Corporation Limit sign and opposite Shell service station.

DETAILED DESCRIPTION OF LOCATION

Road or Highway U. S. route 276

Property Owner

Other Descriptions

ELEVATION, Adjustment 1936 3rd order

2115.50

Remarks: French Broad River HD-page 30

Field Bk.

Page

TVA 1166 (2-38)

BENCH MARK DESCRIPTION & ELEVATION

BENCH MARK N-118

Date Set TVA 1938

State North Carolina

County Transylvania

Quadrangle Brevard-194

Character of Bench Mark Chiselled square

Distance and Direction from Prominent Points Mile 197.4 French Broad River. Left side of river, on street curb at NE entrance to large colonial type house 0.4 mile SE of Transylvania County Court House at Brevard.

DETAILED DESCRIPTION OF LOCATION

Road or Highway U. S. route 276

Property Owner

Other Descriptions House is on U. S. route 276

ELEVATION, Adjustment 1936 3rd order

2198.45

Remarks: French Broad River HD-page 30

Field Bk.

Page

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

Station: PANTHER

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941

Datum:

Description: (Station is a drill hole in large rock on east edge of Panther Mountain, 6.3 miles southeast of Brevard. To reach from intersection of U. S. Highways 64 and 276 in Brevard, drive 8.6 miles south on 276. Turn left 0.3 miles to woods road; turn left and drive 1.2 miles to house in open field. Walk east 2000 ft. to top of knoll.

Reference Mark 1: 33.94 ft. S 30 W to 8" oak.

Reference Mark 2: 52.7 ft. N 70 E to 12" pine.

Reference Mark 3: 44.65 ft. N 76 W to 15" pine. ((Nail and washer))

North Carolina Lambert Coordinates: (X) 903,718.7 (Y) 534,711.1
 Elev: 3274.075 [Latitude Longitude]

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles

Caesars Head Quadrangle 194
 Field Book MS-8121, page 15
 Comp. Ref: 194-200

TVA 2054 (WCP)
Tennessee Valley Authority

TRIANGULATION STATIONS

QUAD. 194

Station: RICH. MTN. FT. C. County: _____ State: _____
 Observer: _____ Year: _____ Datum: _____
 Description: = LRH-41 = RICH-I (USGS)

N. CAROLINA LAMBERT COORDINATES: X = 900,046.97; Y = 539,601.38 (T-4)
 ELEV. STA. LRH-41 = 3782.0 ft. - ground (T-5)

To Station	[Latitude		Longitude		Distance	
	Azimuth		Back Azimuth		Log. Meters	Miles
	° ' "	° ' "	° ' "	° ' "		

See Pencil Cards N.C.

AR-41

TVA 2054 (WCP)
Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: ~~RICH. MTN. FT. C.~~ RICH NO. 1 County: Transylvania State: N. C.
 Observer: ~~TVA~~ USGS Year: 1934 Datum: 1927 North American

Description: (Station is a 1 x 1 angle iron set 0.2' above ground, about 4.25 miles southeast of Brevard. To reach from Brevard (at the square) follow U. S. Highway 276 toward Greenville for 2.35 miles, turn left keeping left for 4.33 miles to crossroads in gap, turn right 1.25 miles to Rich Mountain Fire Tower. Station is in center of tower.)
 Reference Mark 1: 37.3' S 42° W to drill hole in rock (on outside of road).

NOTE: Angle iron LRH-41 replaces RICH NO. 1 which was taken out after tower was built.

North Carolina Lambert Coordinates: (X) 900,047.0 (Y) 539,601.4 '67
 Elev. 3782.0 [Latitude 35 10 35.913 Longitude 82 40 54.361] '67

To Station	Azimuth		Back Azimuth		Distance	
	° ' "	° ' "	° ' "	° ' "	Log. Meters	Miles
Cedar	129 20 39.4 ✓	309 16 31.2 ✓	4.148 246 ✓			
Pink	164 08 19.8 ✓	344 06 31.0 ✓	4.241 404 ✓			
Fodderstack	196 35 31.6 ✓	16 36 53.2 ✓	4.097 186 ✓			

Published Note: Original station was set and replaced by angle iron LRH-41 in 1940

Field Book MS-8043, page 16
 Field Book MS-8045, pages 11-13
 Comp. Ref: 194-130

Recomputed by RNA 1939

for angle iron LPH-41
Rep. on cond - May 28, 1965 - Not found -

Searched for but not found -

Could be under ground under
center of tower - Ground not dug
in search for BM.

TVA 2054 (WCP)

Tennessee Valley Authority

TRIANGULATION STATIONS

194

Station: SEE OFF

County: Transylvania

State: North Carolina

Observer: TVA, Rogers

Year: 1941

Datum:

Description: Station is a 1 x 1 angle iron stamped "SEE OFF", about 3/4 miles southeast of Brevard, N.C. To reach from intersection of U. S. Highways 64 and 276 in Brevard, go southeast on U. S. 276 2.4 miles; turn left on Y-road, go 2.2 miles to cross road; turn right and go 0.2 miles. Station is on left of road under 18" locust tree just off top of back slope of roadway ditch. See references below.

North Carolina Lambert Coordinates: (X) 890,900.0 (Y) 542,677.7 T4

Elev: 3080.0 Latitude

Longitude

To Station	Azimuth	Back Azimuth	Distance	
			Log. Meters	Miles
Reference Mark 1:	1.45 ft. North	to 18" locust.		
Reference Mark 2:	6.0 ft. N 50 W	to 3" ash.		
Reference Mark 3:	32.8 ft. N 80 E	to 6" poplar. (Nail and washer)		
Caesars Head Quadrangle 194 Field Book MS-8118, page 4 Comp. Ref: 194-210				

UFB-2

194

UFB-2 - High point on northwest corner of north one of 2 signs, at entrance to Du Pont Plant.
Elevation: 2786.2 feet

NIF 89/11/2

UFB-3

194

UFB-3 - A chiseled square on large boulder, about 44 feet southwest of transmission tower No. 166, 5 feet west of ?
Elevation: 2754.5 feet

UFB85

194

UFB-85 - Chiseled square on downstream and landward corner of 2- by 2-foot concrete block, about 100 feet upstream from waterfalls.
Elevation: 2516.5 feet

UFB 86

194

UFB-86 - Chiseled square in top of large boulder, on left bank of Creek,
about 150 feet upstream from triple falls.
Elevation: 2404.6 feet

UFB 87

194

UFB-87 - Second bolt from right bank end of upstream guard rail of timber
bridge over Little River.
Elevation: 2102.4 feet

UFB 88

194

UFB-88 - Nail in base of telephone pole, on east side of paved road opposite T-road west, 600 feet south of Crab Creek.
Elevation: 2093.5 feet.

UFB 89

194

UFB-89 - Nail in base of telephone pole, 125 feet northwest of farm dwelling in cultivated field.
Elevation: 2093.6 feet

Rep. on cont. - M.L.B. May 24, 1965 - This mark could not be identified as point or number could not be found in vicinity of map spotting -
(Map spotting may very well be wrong)
9/24

UFB 90

194

UFB-90 - Chiseled point on concrete power pole footing riverward below power plant.
Elevation: 2128.1 feet

UFB 91

194

UFB-91 - Top of bolt on right bank and the upstream end of bridge over Crab Creek.
Elevation: 2110.6 feet

UFB 92

194

UFB-92 - Nail in side of power pole on right bank of Crab Creek, about 40 feet north of small bridge.
Elevation: 2101.7 feet

UFB 95

194

UFB-95 - Top of bolt in bridge, on left bank of upstream side, on Williamson Creek.
Elevation: 2100.1 feet

UFB 96

194

UFB-96 - Nail in side of a 14-inch sycamore, on right bank of Williamson Creek, at downstream edge of field road bridge.
Elevation: 2129.7 feet

UFB 97

194

UFB-97 - Nail in bottom of power pole in sharp curve of gravel road, on right bank of Williamson Creek.
Elevation: 2332.6 feet

UFB 103

194

UFB-103 - Chiseled square on right bank, downstream wingwall of wood bridge over King Creek, at Mile 1.7, on Tinsley Road, about 100 feet upstream from Southern Railroad trestle, in Brevard, North Carolina.
Elevation: 2178.1 feet

UFB 104

194

UFB-104 - Nail in southeast side of 12-inch twin poplar, about 150 feet north of south end of field.
Elevation: 2249.5 feet

UFB 105

194

UFB-105 - Chiseled square in downstream headwall of concrete box culvert, across King Creek, on Highway 276 - 64, 1/2 mile northeast of Brevard.
Elevation: 2137.1 feet

UFB 106

194

UFB-106 - Chiseled square on upstream, left bank wingwall of concrete bridge over King Creek, on Campus of Brevard College, near Armory & Barn.
Elevation: 2120.1 feet

MONUMENT DESCRIPTION

STATION UFB 106 A Date Set _____

State _____ County _____ Section _____ Quad 194 NW

Character of Station Top curb bolt on downstream left bank of bridge.

Distance and Direction from Prominent Points Located about 2000 feet downstream from "UFB 106",

DETAILED DESCRIPTION OF LOCATION

Road or Highway _____

Property Owner _____

Other Descriptions on King Creek.

REFERENCE MARKS

Mark No. 1 _____

Mark No. 2 _____

Mark No. 3 _____

EJH/MP

UFB 130

194

UFB-130 -- Nail in 12-inch walnut, about 75 feet left of left bank King Creek.
Elevation: 2211.2 feet

UFB 131

194

UFB-131 - Nail in 10-inch white pine on right bank creek, about 400 feet from creek, about 100 feet northeast of house.
Elevation: 2151.8 feet

MONUMENT DESCRIPTION

STATION UFB 304 Date Set TVA, 1944 - Designation & elev. 1966

State NORTH CAROLINA County TRANSYLVANIA Section _____ Quad 194

Character of Station A chiseled square in concrete floor.

Distance and Direction from Prominent Points Located at outside edge of riverward door casing, at main entrance to Cascade powerhouse.

DETAILED DESCRIPTION OF LOCATION

Road or Highway.....

Property Owner.....

Other Descriptions

REFERENCE MARKS

Mark No. 1.....

Mark No. 2.....

Mark No. 3.....

ES 1 MAR

TVA 1160 (WCP-9-37)

STATION UFB 304

AZIMUTH MARKS

Mark No. 1

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 1

Mark No. 2

Distance _____ Mag. Bearing _____
Grid Azimuth from Station to Mark No. 2

Elevation: Adjustment _____ 4th-order 2126.72 ft. / (T-4)
Position

Grid _____ North (Y) _____ East (X) _____
Geographic Latitude _____ Longitude _____

Distance from _____ To _____

Remarks and References:
MS-1322, P. 28, 29 /
Upper French Broad Project
Little River Reservoir

TVA 2054 (WCP)
Tennessee Valley Authority

TRIANGULATION STATIONS

194

194

Station: WD-53 County: Pickens State: S. Carolina

Observer: TVA Year: 1941 Datum: _____

Description: (Station is a 1 x 1 angle iron) on highest point of Table Rock Mountain in ~~Pickens County~~ ^{1.45 miles} northwest of Pumpkintown, ^{1.6 miles} southwest of Caesar's Head, stamped "WD-53-1941.") To reach from Pickens, South Carolina, drive northeast on South Carolina Highway 183 10.0 miles to Pumpkintown Grocery. Turn left on paved road 3.5 miles to Brownville Grocery. Turn right on paved road 2.6 miles to CCC Camp, then continue 0.3 miles to entrance to Table Rock State Park. Turn left through entrance on gravel road 2.0 miles approximately to parking space at beach. End of truck travel. Follow trail along creek in northerly direction about 5 minutes walk to second foot log. Just beyond foot log take right fork of trail about 1 1/2 hours walk to gap on center line of ridge, to North Carolina Lambert Coordinates: (X) 891,791.6 (Y) 493,996.6 T4
Elev: 3124.2 MSL Latitude _____ Longitude _____

To Station	Azimuth	Back Azimuth	Distance
			Log. Meters Miles
highest point. Station is on highest point approximately 30 feet north of trail. Reference to mark on bench in blaze by slope distance.			
Reference Mark 1:	1.80 ft. S 65° W	to 14" hickory	
Reference Mark 2:	24.84 ft. N 20° E	to 12" hickory	
Reference Mark 3:	21.33 ft. N 75° E	to 12" oak	
Caesars Head Quadrangle 194			
Field Book: MS-8177, pages 6 and 7			
Comp. Ref: 194-136			