

163

163 N.C.-65 TENN.
CATALOOCHEE QUADRANGLE
WITH OVEREDGE

CATALOOCHEE QUADRANGLE
WITH OVEREDGE

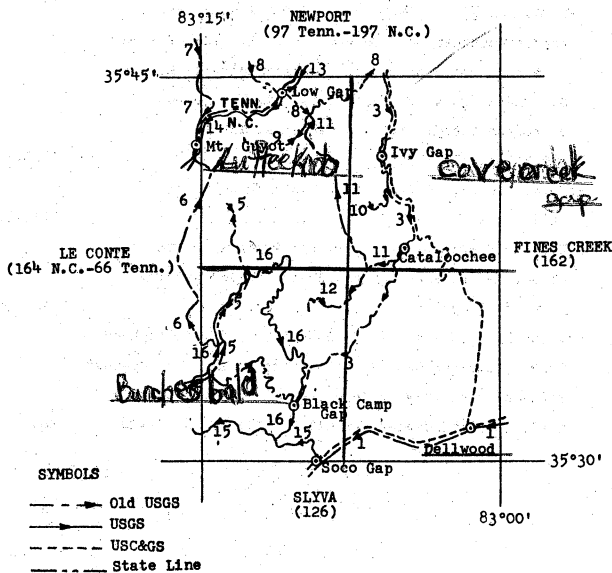
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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
THIRD-ORDER LEVELING
UNADJUSTED FIELD ELEVATIONS
SEA LEVEL DATUM OF 1929
Edition of 1/31/64

COUNTIES: HAYWOOD, JACKSON, SWAIN, N. C.;
COCKE, TENN.



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NGVD 29
Elevations

3 CATALOOCHEE N. C.-TENN.
Book B 3133 1/27/64 po

C. E. Reick
1928

LINE 1.

- FROM FINES CREEK QUADRANGLE ALONG ROADS WEST AND SOUTHWEST BY WAY OF MAGGIE INTO SLYVA QUADRANGLE (By C. E. Reick, 1928; Book B 3133)
- U. E., Waynesville, 3.4 mi NW. of; on W. side of Dellwood Road opposite T-rd. E. into farmyard; 30 ft W. of springhouse; on top of concrete culvert headwall; chiseled square 2650.20
 - Waynesville, 5.0 mi NW. of; 210 ft N. of Dellwood Garage; at rd. fork NW. to Maggie; at Dellwood Post Office; in S. end of cement porch to store of R. M. Ferguson; standard tablet stamped "R 1 1928" 2742.548
 - Reference mark; 240 ft S. of tablet; on top of small boulder; chiseled square 2747.53
 - U.E., Dellwood, 0.9 mi NW. of; in top of concrete abutment at SW. corner of iron bridge over Johnathan Creek; drill hole, painted "BM 2772.9" 2773.22
 - U.E., Dellwood, 2.0 mi NW. of; 30 ft S. of farm rd. crossing; 3 ft W. of track; on lower ledge of rock; chiseled square, painted "BM 2858.4" 2858.72
 - Maggie, about 400 ft W. of post office; at E. entrance to schoolhouse; in top of N. end of fifth step from bottom; standard tablet stamped "R 2 1928" 3018.339

4 CATALOOCHEE N. C.-TENN.
Book B 3133 1/27/64 po

C. E. Reick
1928

LINE 1 (Cont'd.)

- Reference mark; 15 ft S. of tablet; on third step from bottom; chiseled square 3017.28
- U.E., Maggie, 1.1 mi NW. of; 15 ft NW. of farm rd. crossing; in center of rock outcrop; drill hole, painted "BM 3154.2" 3154.46
- U.E., Maggie, 2.3 mi NW. of; 60 ft NE. of water tank; in top of boulder; drill hole, painted "BM 3366.6" 3366.85
- Maggie, 3.0 mi N. of; 60 ft SE. of trestle over Soco Creek; 20 ft SE. of crossing of wagon rd. to Soco Gap; in 4-ft boulder; about 10 ft above track level; standard tablet stamped "R 3 1928" 3563.768
- Reference mark; 75 ft W. of tablet; in top of boulder; drill hole 3560.44
- U.E., Soco Gap, about 0.2 mi E. of high point; 20 ft N. of wagon rd.; in boulder; drill hole, painted "BM 4316" 4316.44
- U.E., Soco Gap, 1.6 mi SW. of; 20 ft E. of Soco Creek at ford; at S. edge of wagon rd.; in boulder; drill hole, painted "BM 3856.6" 3856.82

5 CATALOGOOCHEE N.C.-TENN. C. E. Reick
 Book B 3133 1/27/64 po 1928

LINE 2.

FROM POINT 3.0 MILES NORTH OF MAGGIE-ALONG LOGGING ROAD TO BLACK CAMP GAP (By C. E. Reick, 1928; Book B 3133)

"R 3 1928" (Described in line 1) 3563.768

U.E., Maggie, 4.2 mi NW. of; 60 ft NW. of trestle over Wycle Creek; 30 ft W. of track; in top of boulder; drill hole, painted "BM 3965" 3965.10

U.E., Black Camp Gap; 50 ft S. of low point; 40 ft SE. of RR. switch; on top of N. end of old steel hoist drum embedded in bank; chiseled cross, painted "BM 4492" 4492.42

Black Camp Gap; 700 ft NW. of gap; on W. side of mountain facing Bunch Creek; 20 ft E. of lumber RR. track; in rock outcrop; standard tablet stamped "R 27 1928" 4522.201

LINE 3.

FROM NEWPORT QUADRANGLE ALONG ROADS SOUTH BY WAY OF CATALOGOOCHEE TO BLACK CAMP GAP (By C. E. Reick, 1928; Books B 3133, B 3134)

U.E., Mt. Sterling; 40 ft SE. of bridge over Big Creek; 15 ft S. of rd.; in top of 6-ft boulder; drill hole, painted "BM 2169.0" 2169.0

U.E., Mt. Sterling, 1.7 mi S. of; 75 ft SE. of house owned by Mitchell Sutton; in root of 15-in. locust tree; copper nail and washer, painted "BM 2169.0" 2168.95

7 CATALOGOOCHEE N.C.-TENN. C. E. Reick
 Books B 3133, B 3134 1/28/64 po 1928

LINE 3 (Cont'd.)

Reference mark; 70 ft SE. of tablet; in root of 30-in. chestnut tree; copper nail 3895.59

U.E., Mt. Sterling, 7.4 mi S. of; 1.0 mi S. of Sterling Gap; E. edge of rd.; on boulder; chiseled square, painted "BM 3454.3" 3454.19

U.E., Cataloochee, 5.2 mi NE. of; W. side of rd.; on top of rock wall culvert; chiseled square, painted "BM 3300.9" 3300.82

Cataloochee, 4.1 mi NE. of; 8.0 mi S. of Mt. Sterling; on old state rd.; 200 ft S. of where new hwy. will enter old rd.; set vertically in face of rock outcrop; standard tablet stamped "TT STA NO 19 T 1928" 3034.503

Reference mark; 60 ft NW. of tablet; on small boulder; chiseled square 3023.85

U.E., Cataloochee, 3.5 mi N. of; W. end of iron culvert under new rd.; chiseled cross, painted "BM 2817.5" 2817.51

Mt. Sterling, 9.8 mi SE. of; 2.3 mi N. of Cataloochee Post Office; on new hwy.; 57 ft E. of rd. fork; in top of large rock outcrop; standard tablet stamped "TT STA NO 20 T 1928" 2473.947

6 CATALOGOOCHEE N.C.-TENN. C. E. Reick
 Books B 3133, B 3134 1/28/64 po 1928

LINE 3 (Cont'd.)

Mt. Sterling, 2.2 mi S. of; 3.5 mi S. of gap at top of mountain opposite Mt. Sterling, at sharp bend in rd. where stream crosses rd. from W. out of steep valley; 30 ft W. of rd.; in top of large outcrop of rock; standard tablet stamped "TT STA NO 16 T 1928" 2433.682

Reference mark; 5 ft E. of tablet; on ledge; chiseled square 2431.27

U.E., Mt. Sterling, 3.4 mi S. of; 10 ft W. of old rd.; on flat rock; chiseled square, painted "BM 2760.3" 2760.23

Mt. Sterling, 4.1 mi S. of; 2.0 mi N. of gap at top of mountain; on old state rd.; N. side of creek that runs under rd. at rock walled culvert; 15 ft S. and 33 ft W. of third-class rd. W.; in top of rock outcrop; standard tablet stamped "TT STA NO 17 T 1928" 3115.352

Reference mark; 40 ft S. of tablet; in culvert; drill hole 3113.10

U.E., Mt. Sterling, 5.3 mi S. of; 20 ft W. of rd. at stream crossing; on boulder; chiseled square, painted "BM 3464" 3463.66

Mt. Sterling, 5.7 mi S. of; 6.5 mi NE. of Cataloochee; in Mt. Sterling Gap; 35 ft W. and 18 ft N. of highest point of gap; in W. side of rd.; in top of concrete post; standard tablet stamped "TT STA NO 18 T 1928" 3894.038

8 CATALOGOOCHEE N.C.-TENN. C. E. Reick
 Book B 3134 1/28/64 po 1928

LINE 3 (Cont'd.)

Reference mark; 5 ft SW. of tablet; on ledge; chiseled square 2471.91

U.E., Cataloochee, 0.5 mi N. of; 50 ft SW. of rd. fork; in root of 30-in. chestnut tree; copper nail and washer, painted "BM 2821.6" 2821.60

U.E., Cataloochee; 30 ft NW. of bridge; on boulder, chiseled square, painted "BM 2560.4" 2560.41

U.E., Cataloochee Post Office; in center of rd.; at residence of Jarvis Palmer, painted "2586" 2586.28

Cataloochee Post Office, 0.9 mi SW. of; 1.0 mi NE. of Nellie; 20 ft N. of rd. up Cataloochee Creek, 100 ft E. of rd. fork S. up Caldwell Creek; set vertically in face of large rock outcrop; standard tablet stamped "TT STA NO 21 T 1928" ~~2643.162~~ 2638.42

Reference mark; 10 ft S. of tablet; on ledge; chiseled square 2638.39

U.E., Cataloochee, 1.7 mi SW. of; W. side of Caldwell Creek Road; in root of 30-in. chestnut tree; copper nail and washer, painted "BM 2744.3" 2744.28

U.E., Cataloochee, 3.0 mi SW. of; 0.5 mi NE. of farm owned by John Caldwell; on SE. edge of rd.; in top of large boulder; drill hole, painted "BM 2917.8" 2917.81

9 CATALOOCHEE N.C.-TENN. C. E. Reick
Book B 3134 1/28/64 po 1928
LINE 3 (Cont'd.)
Cataloochee, 3.8 mi SW. of; on rd. that leads up Caldwell
Creek; 70 ft SW. of rd. fork NE. that crosses Long Branch;
in front yard of property owned by M. C. Long; in top
of large boulder 2 ft above ground; standard tablet
stamped "TT STA NO 22 T 1928" 3095.414
Reference mark; 50 ft SE. of tablet; in top of boulder;
drill hole 3093.10
U.E., Pauls Gap, 3.8 mi NE. of; N. side of Caldwell
Creek Road; in root of 30-in. birch tree; copper
nail and washer, painted "BM 3122" 3121.90
U.E., Residence of Jim Sutton, 150 ft N. of point on
rock, painted "3289" 3289.26
U.E., Pauls Gap, 2.8 mi NE. of; S. edge of trail; at
mouth of Ball Branch; in root of 24-in. birch tree;
copper nail and washer, painted "BM 3370.7" 3370.70
Cataloochee Post Office, 7.1 mi SW. of; 4.0 mi NE. of
Black Camp Gap; on Caldwell Creek; 2 ft N. of center
of trail; 35 ft NE. of triangular blazed birch tree;
64 ft SE. of nail in triangular blazed hemlock tree;
in top of rock outcrop at base of hill; standard
tablet stamped "TT STA NO 23 T 1928" 3753.594
Reference mark; 120 ft S. of tablet; on boulder;
chiseled square 3761.46

11 CATALOOCHEE N.C.-TENN. F. B. Neary
Book B 3140 1/28/64 po 1928
LINE 4 (Cont'd.)
Reference mark; 15 ft S. of tablet; on pointed boulder;
chiseled square 2380.89
U.E., Bunch Creek, 0.9 mi SE. of mouth of; 50 ft NW. of
small stream crossing; NE. side of road; on large
boulder; chiseled square, painted "US BM 2514.0" 2514.20
U.E., Swayney, 3.0 mi SE. of; 0.5 mi NE. of mouth of
Indian Creek; 5 ft SE. of trail; in root of 24-in.
cucumber tree; copper nail and washer, painted
"US BM 2714.0" 2714.24
Reference mark; 7 ft N. of tablet; on rock ledge;
chiseled square 3791.01
Indian Creek, 1.8 mi NE. of mouth of; 450 ft E. of
Camp No. 2; 30 ft NW. of junction of RR.; in top
of rock ledge; standard tablet stamped "N 23 1928" 3790.802
Reference mark; 35 ft NE. from tablet; on boulder;
chiseled square 3789.24
U.E., Indian Creek, 2.8 mi NE. of mouth; 100 ft S.
of S. end of RR. bridge over Indian Creek; 4 ft E.
of rail; on rock ledge; chiseled square, painted
"US BM 3973.2" 3973.61
U.E., Black Camp Gap, 4.6 mi NW. of; 1.7 mi NE. of
Camp No. 2, 70 ft NW. of NW. end of Suncrest Lumber
Company RR. bridge over Locust Knob Branch; 3 ft
NE. of rail; on point of rock ledge; chiseled square,
painted "US BM 4123.7" 4124.20

10 CATALOOCHEE N.C.-TENN. C. E. Reick
Book B 3134 1/28/64 po 1928
LINE 3 (Cont'd.)
U.E., Pauls Gap, 0.6 mi NE. of; near head of NW.
branch of Caldwell Creek; in root of 30-in. spruce
tree growing over branch; copper nail and washer,
painted "BM 4090.5" 4090.47
U.E., Pauls Gap; 40 ft SW. of switch; 100 ft S. of high
point of gap; 15 ft W. of track; in boulder; drill
hole, painted "EM 5128.7" 5128.71
Black Camp Gap, 0.8 mi NE. of; 1.5 mi SW. of Pauls Gap;
on Suncrest Lumber Company Logging Railroad; 20 ft E. of
track; in rock outcrop; standard tablet stamped
"TT STA NO 24 T 1928" 4759.26
"R 27 1928" (Described in line 2) 4522.201

LINE 4.
FROM POINT 1.0 MILE SOUTH OF SWAYNEY ALONG ROADS AND
TRAILS SOUTHEAST TO BLACK CAMP GAP (By F. B. Neary,
1928; Book B 3140)
Swayney, 1.0 mi S. of; 6.5 mi NE. of Ravensford, along
Parsons Pulp and Lumber Company Logging Railroad;
directly opposite mouth of Bunch Creek; 10 ft W. of
center of track; set vertically in face of rock outcrop;
standard tablet stamped "TT STA NO 26 T 1928"
(Probably destroyed, 1955) 2384.342

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Book B 3140 1/28/64 po 1928
LINE 4 (Cont'd.)
U.E., Black Camp Gap, 3.6 mi NW. of; 0.2 mi S. of
water tank; 20 ft E. of E. rail at S. end of RR.
trestle; on boulder; chiseled square, painted
"US BM 4300.9" 4301.40
Reference mark; 120 ft NE. of tablet; on rock ledge;
chiseled square 4407.38
Black Camp Gap, 2.8 mi NW. of; 270 ft W. of junction
of RR.; 3 ft S. of S. rail; in top of boulder;
standard tablet stamped "N 24 1928"; painted
"US PBM 4403.4" 4403.876
U.E., Black Camp Gap, 1.8 mi NW. of; 55 ft SW. of bridge
over small stream; 3 ft SE. of rail; on rock ledge;
chiseled square, painted "US BM 4350.9" 4351.40
U.E., Black Camp Gap, 1.1 mi NW. of; 10 ft E. of
E. end of RR. bridge over Bunch Creek; 4 ft N. of
rail; on rock ledge; chiseled square, painted
"US BM 4355.0" 4355.46
Black Camp Gap, 700 ft NW. of gap, on W. side of
mountain facing Bunch Creek; 20 ft E. of lumber
RR. track; in rock outcrop; standard tablet stamped
"R 27 1928" 4522.201

near 4039

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 Books B 3140, B 3510 1/28/64 po 1928

LINE 5.

FROM LE COMTE QUADRANGLE ALONG STRAIGHT FORK NORTHEAST AND NORTH TO POINT NEAR HEAD OF STREAM (By F. B. Neary, 1928-29; Books B 3140, B 3510)

U.E.,
 /Swayney, 2.0 mi SW. of; 20 ft SE. of point at track;
 20 ft NE. of NE. end of switch; inroot on N. side of one
 36-in. apple tree; nail, painted "US BM 2317.3" 2317.48

Reference mark; 15 ft S. of tablet; on top of pointed
 boulder; chiseled square 2380.89

"TT STA NO 26 T 1928" (Described in line 4) 2384.342

U.E.,
 /Swayney; 55 ft N. of N. end of RR. bridge at fork of
 Big Cove and straight fork; 10 ft W. of track; on
 top of rock outcrop; chiseled square, painted
 "US BM 2458" 2458.34

U.E.,
 /Swayney, 1.0 mi NE. of; 10 rails N. of N. end of trestle;
 10 ft W. of track at bend; on boulder; chiseled
 square, painted "US BM 2560.1" 2560.24

U.E.,
 /Swayney, 2.1 mi NE. of; 125 ft SW. of junction of
 RR. to Raven Fork with Straight Fork Road; 10 ft
 NW. of rail; 20 ft SW. of shack; on boulder; chiseled
 square, painted "US BM 2709" 2709.54

Reference mark; 40 ft SW. of tablet; on boulder;
 chiseled square 2855.63

Swayney, 3.0 mi NE. of; about 75 ft SW. of fork of Rock
 Camp Branch with Straight Fork; 75 ft SW. of bridge
 over Rock Camp Branch; 8 ft SE. of rail; in top of
 rock ledge; standard tablet stamped

"N 18 1928" "US PBM 2860.8", painted 2860.949

15 CATALOOCHEE N.C.-TENN. F. B. Neary
 Book B 3510 1/28/64 po 1929

LINE 5 (Cont'd.)

Round Bottoms Camp, 4.1 mi NW. of; 0.4 mi SE. of upper
 main fork of Straight Fork Creek; at end of cut-out
 trail; in center of creek bed; standard tablet stamped
 "TT STA NO 9 1929" 4087.159

LINE 6.

FROM POINT ABOUT 2.0 MILES NORTH OF SWAYNEY ALONG RAILROAD INTO LE COMTE QUADRANGLE THENCE GENERALLY NORTH TO MT. GUYOT (By F. B. Neary and W. D. Leech, 1928-29; Books B 3140, B 3532)

U.E.,
 /Swayney, 2.0 mi NE. of, thence 1.0 mi SW. of junction
 of RR.; 4 ft W. of track at point 7 ft SW. of end
 of trestle over small stream; on rock ledge; chiseled
 square, painted "US BM 2996.9" 2997.08

Reference mark; 210 ft N. of tablet; W. side of track;
 on rock ledge; chiseled square 3117.82

Swayney, 2.0 mi NE. of, thence 1.5 mi SW. along RR.
 to Raven Fork at summit of hill; 300 ft S. of
 junction of RR.; 5 ft E. of rail; in top of rock
 outcrop; standard tablet stamped

"N 19 1928" "US PBM 3120.4", painted 3120.522

U.E.,
 /Swayney, 0.8 mi NW. of junction of new RR. at top of
 hill; about 450 ft W. of old camp; N. side of RR.
 at bend; on rock outcrop; chiseled square, painted
 "US BM 3201.2" 3201.36

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 Book B 3510 1/28/64 po 1929

LINE 5 (Cont'd.)

U.E.,
 /Swayney, 4.2 mi NW. of; at S. end of Round Bottom;
 3 ft W. of track at a point 3 ft S. of S end of
 trestle; on ledge; chiseled square, painted
 "US BM 3023.7" 3022.40

U.E.,
 /Swayney, 5.2 mi N. of; 10 ft W. of track at junction
 of Straight Fork with Cataloochee Railroad; on
 boulder; chiseled square, painted "US BM 3137.3" 3135.96

Reference mark; 60 ft S. of tablet; on boulder;
 chiseled square 3289.71

Swayney, 6.1 mi NE. of; along old abandoned lumber
 RR. leading up Straight Fork Creek; on E. side of
 creek; 30 ft E. and 10 ft N. of intersection of
 trail and small stream crossing; in large flat
 rock; standard tablet stamped "TT STA NO 8 D 1929",
 painted "US PBM 3299.8" 3298.469

U.E.,
 /Swayney, 7.1 mi NE. of; directly opposite mouth of
 Kaiser Creek; W. side of RR. bed on boulder; chiseled
 square, painted "US BM 3561.5" 3560.20

U.E.,
 /Swayney, 8.2 mi NE. of; 3.5 mi N. of Round Bottom. Camp; on
 W. side of track at S. end of bend; W. on boulder;
 chiseled square, painted "US BM 3874.1" 3872.82

Reference mark; 30 ft S. of tablet; on boulder;
 chiseled square 4083.89

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 Books B 3140, B 3532 1/28/64 po 1928-29

LINE 6 (Cont'd.)

Raven Fork, 2.3 mi NW. of mouth; 525 ft N. of
 end of RR.; E. side of grade; on rock ledge;
 chiseled square, painted "US BM 3339.3" 3339.46

Reference mark; 20 ft NW. of tablet; on boulder;
 chiseled square 3545.84

Raven Fork, 3.2 mi NW. of mouth of; 300 ft E. of mouth
 of Enloe Creek; S. side of Enloe Creek; in top of
 large boulder; standard tablet stamped
 "N 20 1928" "US PBM 3552.3", painted 3552.481

Raven Fork, 4.2 mi N. of mouth of; 80 ft S. of stream
 from E.; at E. side of Raven Fork Creek; on large
 boulder; chiseled square 3744.00

Three Forks, 2.5 mi S. of; 5.2 mi N. of mouth of
 Raven Fork; 1.3 mi S. of Armstrong Creek, at trail
 crossing; N. side of Raven Fork; 5 ft W. of trail;
 on large boulder; chiseled square 3926.76

Three Forks, 1.5 mi S. of; 0.4 mi S. of Armstrong Creek;
 50 ft W. of small island in stream; at W. edge of
 stream; on ledge; chiseled square 4074.22

Three Forks, 1.2 mi S. of; 40 ft NE. of mouth of
 Armstrong Creek; on NE. side of Raven Fork; in root
 on S. side of 48-in. hemlock tree; copper nail and
 washer 4102.98

NGVD 29
Elevations

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Books B 3140, B 3532 1/28/64 po F. B. Neary
W. D. Leech

1928-29

LINE 6 (Cont'd.)

U.E., Three Forks, 0.4 mi S. of; 50 ft N. of center of stream and trail crossing; 15 ft NW. of water's edge; 8 ft NE. of trail; in root on E. side of 16-in. spruce tree; copper nail and washer 4164.90

Swayney, 7.7 mi NW. of; 320 ft SW. of Three Forks; on W. side of Raven Fork Creek; 5 ft N. and 45 ft E. of log cabin camp house between trail and creek; in large rock; standard tablet stamped "TT STA NO 12 D 1929" 4203.289

Reference mark; 350 ft NE. of tablet; 30 ft NE. of mouth of right prong; in base on N. side of 10-in birch tree; copper nail and washer 4211.58

U.E., Three Forks, 0.4 mi N. of; on trail of ridge; 3 ft E. of trail; in root on W. side of 24-in. spruce tree; copper nail and washer 4720.67

U.E., Three Forks, 1.0 mi N. of; in cut-out trail; 4 ft S. of base in root on S. side of 38-in. spruce tree; copper nail and washer 5211.40

U.E., Three Forks, 1.6 mi N. of; 5 ft E. of trail; in root on W. side of 20-in. spruce tree; copper nail and washer 5629.51

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Books B 3140, B 3532 1/28/64 po

F. B. Neary
W. D. Leech

1928-29

LINE 6 (Cont'd.)

Reference mark; 30 ft E. of tablet; in root of 6-in. spruce tree; 10-penny nail and copper washer 6617.76

LINE 7.

FROM NEAR SOUTHEAST CORNER OF ENGLISH MOUNTAIN QUADRANGLE ALONG TRAIL SOUTH TO SUMMIT OF MT GUYOT (By H. Downes, 1929; Book B 3330)

R. A. Schults Store, 2.6 mi W. and S. of, along Greenbrier Creek; 0.5 mi S. of farmhouse of C. C. Ball; 10 ft W. and 75 ft S. of intersection of trail fork; 350 ft NE. of stream fork; on W. side of trail; in large gray granite rock; standard tablet stamped "TT STA NO 12 D 1928" ~~3170.715~~

Reference mark; 3 ft W. of tablet; on extreme W. end of flat-topped boulder; chiseled square 3170.90

Cosby Post Office, 7.2 mi S. of; on top of ridge; at end of trail up Greenbrier Creek; near Tennessee-North Carolina State line; about 75 ft N. of highest point of ridge; on S. side of spotted trail; in root on W. side of 18-in. spruce tree; copper nail and washer, painted "USEM 5940.4" 5940.84

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Books B 3140, B 3532 1/28/64 po F. B. Neary
W. D. Leech

1928-29

LINE 6 (Cont'd.)

U.E., Mt. Guyot, 3.0 mi S. of; 2.1 mi N. of Three Forks; 4 ft NW. of trail; in root on SE. side of 30-in. spruce tree; copper nail and washer 5833.37

U.E., Mt. Guyot, 2.4 mi S. of; in cut-out traverse trail; in root on E. side of 22-in. spruce tree; copper nail and washer 5980.12

Mt. Guyot, 1.5 mi S. of; 0.2 mi S. of gap at head of Straight Fork; 6 ft E. of trail; in ledge; standard tablet stamped "TT STA NO 13 D 1929" 6134.292

Reference mark; 100 ft S. of tablet; 3 ft E. of trail; in root on SW. side of 20-in. spruce tree; copper nail and washer 6146.50

U.E., Mt. Guyot, 1.3 mi S. of; in gap; 2 ft E. of trail; in root on SW. side of 20-in. spruce tree; copper nail and washer 5891.53

U.E., Mt. Guyot, 0.5 mi S. of; at N. end of gap; 1 ft E. of trail; in root on NW. side of 18-in. spruce tree; copper nail and washer 5968.57

Mt. Guyot; at summit of Great Smoky Mountains; on line between North Carolina-Tennessee; on highest ground at edge of green timber; in old fire scald; about 7.5 mi (airline) E. of Briar; at headwaters of left prong of Little Pigeon River and Cosby Creek; on Big Creek and Raven Fork S.; in 8- by 8-in. sandstone; standard tablet stamped "TT STA NO 14 D 1929" 6621.039

20 CATALOOCHEE N.C.-TENN.
Book B 3330 1/29/64 po

H. Downes

1929

LINE 7 (Cont'd.)

U.E., Cosby Post Office, 8.5 mi SW. of; on State Line Ridge; at junction of Ramsey trail and trail up the right hand fork of Indian Camp Creek; S. side of Ramsey trail; in root of 8-in. spruce tree; copper nail and washer 6356.42

Reference mark; 30 ft E. of tablet; in root of 6-in. spruce tree; 10-penny nail and copper washer 6617.76

Greenbrier Cove, on Little Pigeon River, 7.5 mi E. of; on highest point of Mt. Guyot; at summit of Great Smoky Mountain; on highest ground at edge of green timber joining old fire scald; at headwaters of Left Prong of Little Pigeon River and Cosby Creek on N. and Big Creek and Raven Fork on S.; in 8- by 8-in. sandstone; standard tablet stamped "TT STA NO 14 D 1929" (Designated "GUYOT" triangulation station) 6621.039

LINE 8.

FROM NEWPORT QUADRANGLE SOUTHEAST TO LOW GAP THENCE SOUTHEAST AND NORTHEAST ALONG BIG CREEK INTO NEWPORT QUADRANGLE (By H. Downes, 1929; Book B 3330)

U.E., Cosby Post Office, 4.6 mi SE. of; on E. side of Cosby Creek rd.; in line with center of T-rd. E.; on boulder; 10 ft S. of shed; chiseled square 2093.27

Reference mark; 0.5 ft E. of tablet; on ledge; chiseled square 2458.87

21 CATALOGOCHEE N.C.-TENN. H. Downes
 Book B 3330 1/29/64 po 1929

LINE 8 (Cont'd.)

Cosby Post Office, 4.8 mi SE. of, along Cosby Creek Road;
 55 ft E.; 8 ft N. of SE. corner of farmhouse of W. H. Baxter;
 on E. side of trail; S. of woodshed; in top of large
 gray granite rock; standard tablet stamped
 "TT STA NO 13 D 1928" 2458.804

U.E.,
 /Cosby Post Office, 6.6 mi SE. of; on E. side of trail
 up Cosby Creek to Low Gap; on N. end of spur at
 forks in drain; on ledge at foot of large maple tree;
 chiseled square 3523.22

Reference mark; 30 ft NE. of tablet; W. side of trail;
 on rock; chiseled square 4238.68

Low Gap, on Tennessee-North Carolina State line; at head
 of Cosby Creek; 20 ft E./ 60 ft N. of center of gap
 and trail; on S. side of trail; in top of large gray
 granite rock; standard tablet stamped
 "TT STA NO 14 D 1928" 4242.029

U.E.,
 /Cosby Post Office, 8.1 mi SE. of; in North Carolina;
 on trail over Low Gap to Big Creek; at trail forks;
 on N. side of main trail; on rock; chiseled square 3048.44

Reference mark; 9 ft E. of tablet; on rock; chiseled
 square 2832.85

22 CATALOGOCHEE N.C.-TENN. H. Downes
 Book B 3330 1/29/64 po 1929

LINE 8 (Cont'd.)

Crestmont, 4.7 mi SW. of; on trail, along Big Creek;
 74 ft N. of intersection of trail forks SW.; on W.
 side of trail; in large gray granite rock; standard
 tablet stamped "TT STA NO 15 D 1928" 2832.653

U.E., Crestmont, 3.1 mi SW. of; on S. bank of
 on
 Big Creek; S. side of abandoned RR. grade; at sharp
 curve; under sheer bluff; on rock; chiseled square 2609.92

U.E., Crestmont, 2.0 mi SW. of; on S. side of
 abandoned RR. grade; S. bank of Big Creek; 60 ft
 W. of mouth of Mouse Creek; on rock; chiseled
 square 2284.80

U.E., Crestmont, 1.0 mi SW. of; on N. side of
 abandoned RR. grade; N. bank of Big Creek; 25 ft
 W. of trail forks; on rock; chiseled square 1995.81

Reference mark; 4 ft N. of tablet; on rock; chiseled
 square 1714.18

and
 Crestmont; 35 ft E./ 12 ft N. of Crestmont bus station
 or RR. station; 40 ft from old office building; in
 top of granite rock outcrop; standard tablet stamped
 "3 D 1929" 1714.577

23 CATALOGOCHEE N.C.-TENN. H. Downes
 Book B 3330 1/29/64 po 1929

LINE 9.

FROM POINT 4.7 MILES SOUTHWEST OF CRESTMONT ALONG TRAIL
 UP BIG CREEK ABOUT 2.0 MILES (By H. Downes, 1929;
 Book B 3330) CHECKED SPUR LINE

"TT STA NO 15 D 1928" (Described in line 8) 2832.653

U.E., Cosby Post Office, 9.7 mi SE. and SW. of;
 1.3 mi SW. of "TT STA NO 15 D 1928"; in
 North Carolina; on W. side of Big Creek; about 370 ft
 SW. of mouth of Swallow Fork; on E. side of old
 RR. grade; on rock; chiseled square 3041.85

Reference mark; 5 ft SW. of tablet; on rock;
 chiseled square 3197.34

Cosby Post Office, 10.5 mi SE. and SW. of; in
 North Carolina; 2.0 mi SW. of "TT STA NO 15 D 1928";
 on W. bank of Baxter Creek; 500 ft S. of junction
 of Big Creek and Baxter Creek; on abandoned RR.
 grade; 15 ft S. of trail; in solid rock; standard
 tablet stamped "2 D 1929" 3197.032

CHECKED SPUR LINE

LINE 10.

FROM POINT 4.1 MILES NORTHEAST OF CATALOGOCHEE WEST ALONG
 ROAD UP LITTLE CATALOGOCHEE CREEK ABOUT 1.7 MILES (By
 H. Downes, 1929; Book B 3330)

"TT STA NO 19 T 1928" (Described in line 3) 3034.503

24 CATALOGOCHEE N.C.-TENN. H. Downes
 Book B 3330 1/29/64 po 1929

LINE 10 (Cont'd.)

U.E.,
 /Little Cataloochee, 0.5 mi E. of Ola Post Office;
 on N. side of rd. at sharp bend; 100 ft SE. of
 house; in root of large chestnut stump; copper nail
 and washer 3027.36

Reference mark; 5 ft S. of tablet; on S. end of ledge
 outcrop; chiseled square 3066.08

Little Cataloochee store, 0.3 mi NW. of; on main fork
 of Little Cataloochee Creek; 25 ft E., thence
 12 ft S. of intersection of old rd. forks; 33 ft
 N., thence 48 ft E. of intersection of second stream
 forks on NE. side of rd.; in top of large granite
 rock; standard tablet stamped "TT STA NO 17 D 1928" 3066.896

LINE 11.

FROM POINT 0.8 MILE SOUTHWEST OF CATALOGOCHEE ALONG ROADS
 AND TRAILS WEST AND NORTHWEST BY WAY OF PRETTY HOLLOW
 GAP TO BIG CREEK (By H. Downes, 1929; Books B 3330,
 B 3457)

"TT STA NO 21 T 1928" (Described in line 3) 2643.162

U.E., Nellie Post Office; 40 ft W. of/S. side of rd.;
 4 ft W. of NW. corner of two car garage; on rock;
 chiseled square 2711.36

Reference mark; 195 ft E. of tablet; on S. side of rd.;
 10 ft W. of rd. forks S. across creek; on
 rock; chiseled square 2746.44

NGVD 29
Elevations

25 CATALOOCHEE N.C.-TENN. H. Downes
Books B 3330, B 3457 1/29/64 po 1929

LINE 11 (Cont'd.)

Nellie Post Office, 0.4 mi W. of; on S. side of Indian Creek; 95 ft SE. of Big Cataloochee School; 0.2 mi W. of junction of Indian Creek and Ugly Fork; in boulder; standard tablet stamped "4 D 1929" 2746.507

Reference mark; 15 ft E. of tablet; on rock; chiseled square 2985.52

Nellie, 1.9 mi W. of, along rd. up Indian Creek; 260 ft W. of farmhouse owned by G. N. Palmer; 100 ft SE. of end of rd; in NE. edge of pasture field; on property of G. N. Palmer; in top of large gray granite rock outcrop; standard tablet stamped "TT STA NO 15 D 1929" 2988.985

U.E., Nellie Post Office, 3.0 mi NW. of; on E. side of trail; at 7th crossing of Pretty Hollow Creek; on rock; chiseled square 3428.67

U.E., Nellie Post Office, 4.3 mi NW. of; on W. side of Pretty Hollow Creek; on W. side of trail; 50 ft N. of side drain W.; on rock; chiseled square 4044.08

Reference mark; 45 ft S. of tablet; W. side of creek; on rock; chiseled square 4486.41

Nellie Post Office, 4.8 mi NW. of; 2.9 mi N. of farm house owned by G. N. Palmer, along Pretty Hollow Creek; 300 ft NE. of Upper Fork; on W. side of creek; in large gray granite rock; standard tablet stamped "TT STA NO 16 D 1929" 4493.240

27 CATALOOCHEE N.C.-TENN. H. Downes
Book B 3457 1/29/64 po 1929

LINE 12.

FROM POINT 0.4 MILE WEST OF NELLIE POST OFFICE SOUTHWEST ALONG ROAD AND TRAILS 4.5 MILES (By H. Downes, 1929; Book B 3457) CHECKED SPUR LINE

"4 D 1929" (Described in line 11) 2746.507

U.E., Nellie, 1.7 mi SW. of post office, along Ugly Fork; N. side of rd.; at S. turn; on rock; chiseled square 2878.73

Reference mark; 25 ft N. of tablet; on rock chiseled square 2984.36

Nellie, 2.3 mi SW. of post office; 0.2 mi S. of rd. fork at mouth of Sugar Creek; 62 ft S. and 70 ft E. of SE. corner of house owned by Jonathan Woody; on E. side of Ugly Fork Creek; in apple orchard back of farmhouse; in top of rock outcrop; standard tablet stamped "TT STA NO 18 D 1929" 2985.768

U.E., Nellie, 3.4 mi SW. of post office; on N. side of Ugly Fork Creek; N. edge of trail; on sharp pointed rock outcrop; chiseled square 3291.75

U.E., Nellie, 4.4 mi SW. of post office; on N. side of Ugly Fork Creek; on N. side of trail at old camp site; on rock; chiseled square 3602.09

Reference mark; 10 ft E. of tablet; on rock; chiseled square 3854.00

26 CATALOOCHEE N.C.-TENN. H. Downes
Books B 3330, B 3457 1/29/64 po 1929

LINE 11 (Cont'd.)

U.E., Nellie Post Office, 5.6 mi NW. of; in Pretty Hollow Gap at trail junction; in root on NW. side of large yellow birch tree; copper nail and washer 5176.09

U.E., Crestmont, 10.9 mi SW. and SE. of; on E. side of abandoned logging RR.; up Swallow Fork; where grade makes sharp bend at head of drain; on rock; chiseled square 4878.87

U.E., Crestmont, 9.5 mi SW. and SE. of; on E. side of abandoned logging RR. up Swallow Fork; at switch-back; on ledge outcrop; chiseled square 4500.85

U.E., Crestmont, 8.1 mi SW. and SE. of; on E. side of abandoned logging RR. up Swallow Fork; at switch-back; on ledge outcrop; chiseled square 3990.80

U.E., Crestmont, 6.8 mi SW. and SE. of; on E. side of abandoned logging RR. up Swallow Fork; about 75 ft NW. of main forks of Swallow Fork; on rock; chiseled square 3382.68

"TT STA NO 15 D 1928" (Described in line 8) 2832.653

28 CATALOOCHEE N.C.-TENN. H. Downes
Book B 3457 1/29/64 po 1929

LINE 12 (Cont'd.)

Nellie, 5.0 mi SW. of post office; 2.7 mi W. of farmhouse owned by Jonathan Woody, along Ugly Fork Creek; 41 ft W. and 30 ft S. of stream fork (Horse Creek W. and Ugly Fork S.); 5 ft S. of trail fork; in rock outcrop; standard tablet stamped "TT STA NO 19 D 1929" 3858.274

LINE 13.

FROM LOW GAP ALONG APPALACHIAN TRAIL NORTHEAST 2.0 MILES (By R. J. Neff, 1963; Book AV 1305 d) CHECKED SPUR LINE

4 2a 0.00 "TT STA NO 14 D 1928" (Described in line 8) 4242.039

This Elev. 4242.039
Prev. Elev. 4242.039
Closure +.010

4 1 .51 U.E., Low Gap, 0.5 mi NE. of, along Appalachian Trail; at gradual curve to right; at E. edge of, and 2 ft higher than trail; on top of 2-ft outcrop; chiseled square

MEAN 4602.194

4 5 1.13 U.E., Low Gap, 1.1 mi NE. of, along Appalachian Trail; 40 ft SE. of 90° curve; about 1 ft. above trail; on rock outcrop on S. side of trail; chiseled square

MEAN 4857.266

LINE 13 (Cont'd.)

4 7 1.60 U.E., Low Gap, 1.6 mi NE. of, along Appalachian Trail; in saddle 70 ft E. of curve; on boulder at N. side of, and 1 ft higher than trail; chiseled square MEAN 4857.530

4 10 2.04 Low Gap, 2.0 mi NE. of, along Appalachian Trail; 0.6 mi S. of Mt. Cammerer; 15 ft W. of junction of Appalachian Trail, and trail to Mt. Cammerer; 20 ft W. of park sign post; in top of 2-ft boulder; standard tablet stamped "51 RJN 1963 4949" MEAN 4948.969

LINE 14.

FROM LOW GAP ALONG APPALACHIAN TRAIL SOUTHWEST INTO LE COMTE QUADRANGLE (By R. J. Neff, 1963; Book AV 1305 d)

4 25 0.00 "TT STA NO 14 D 1928" (Described in line 8) 4242.039
 This Elev. 4242.039
 Prev. Elev. 4242.029
 Closure. +.010

4 28 .49 U.E., Low Gap, 0.5 mi SW. of, along Appalachian Trail; at N. edge of trail at 90° curve; 10 ft NE. of twin maple trees; chiseled square 4624.355

LINE 14 (Cont'd.)

4 47 3.38 U.E., Low Gap, 3.4 mi W. of, along Appalachian Trail; 28 ft W. of 3-in. pine tree bearing survey marker tag; 0.5 ft higher than N. edge of trail at curve; on rock outcrop; chiseled square 5162.664

4 50 3.81 U.E., Low Gap, 3.8 mi W. of, along Appalachian Trail; about 450 ft W. of saddle; 2 ft higher than N. edge of trail; on rock outcrop; chiseled square 5372.938

4 53 4.14 Low Gap, 4.1 mi W. of, along Appalachian Trail; 0.3 mi E. of junction of Snake Den Trail and Appalachian Trail; at N. edge of, and 2 ft higher than trail; in rock outcrop; standard tablet stamped "53 RJN 1963 5608" 5608.287

4 53 4.14 Reference mark; 37 ft W. of tablet; at N. edge of trail; on rock outcrop; chiseled square 5614.107

4 57 4.65 U.E., about 0.2 mi W. along Appalachian Trail from junction of Snake Den Trail; 20 ft W. of, and 2 ft higher than trail at top; at S. edge of trail; on rock outcrop; chiseled square 5917.752

LINE 14 (Cont'd.)

4 32 1.06 U.E., Low Gap, 1.0 mi W. of, along Appalachian Trail; about 0.4 ft W. of Cosby Knob Shelter; on N. edge of, and about 2 ft higher than trail; on rock outcrop; chiseled square 5027.800

4 35 1.60 U.E., Low Gap, 1.6 mi W. of, along Appalachian Trail; at N. edge of, and level with trail; on rock; chiseled square 4998.125

4 38 2.09 U.E., Low Gap, 2.1 mi W. of, along Appalachian Trail; 160 ft W. of, and 1 ft higher than trail at saddle; in center of trail; on rock flush with ground; chiseled square 4811.475

4 40 2.25 Reference mark; 12 ft E. of tablet; on rock at S. edge of trail; chiseled square 4695.604

4 40 2.25 Low Gap, 2.2 mi W. of, along Appalachian Trail; 125 ft E. of Camel Gap; 15 ft NW. of 20-in. pine tree; in top of rock at S. edge of trail; standard tablet stamped "52 RJN 1963 4694" 4694.177

4 43 2.70 U.E., Low Gap, 2.7 mi W. of, along Appalachian Trail; about 180 ft W. of saddle; 18 ft SW. of wild cherry tree bearing 3- by 5-in. survey marker tag; 3 ft S. of, and 1 ft higher than trail; on rock outcrop; chiseled square 4838.483

LINE 14 (Cont'd.)

4 60 5.17 U.E., 0.7 mi W. along Appalachian Trail from junction of Snake Den Trail; 1 ft higher than N. edge of trail; on rock ledge; chiseled square 6067.121

4 63 5.76 U.E., Low Gap, 5.8 mi W. of, along Appalachian Trail; 780 ft E. of high point of trail on Black Mountain; at gradual curve in trail; on rock at S. edge of trail; chiseled square 6216.812

LINE 15.

FROM SOCO GAP ALONG BLUE RIDGE PARKWAY WEST INTO LE COMTE QUADRANGLE (By R. J. Neff, 1963; Book AV 1305 c)

3 6 0.00 Soco Gap; on Haywood-Jackson County line; on State Highway 293; on property of Qualla Indian Reservation; at summit of Soco Gap; 100 ft E. of junction of T-rd. leading SE.; 60 ft S. of fence corner; 41 ft NW. of NE. corner of log cabin; 26 ft SE. of centerline of rd.; at intersection of wire fence and 6 ft SE. of corner of picket fence; in top of large post 30-in. at base and 14-in. at top projecting 4 ft above ground; United States General Land Office; standard disk 4344.525

NGVD 29
Elevations

33 CATALOOCHEE N.C.-TENN. R. J. Neff
Book AV 1305 c 1/30/64 po 1963

LINE 15 (Cont'd.)

3 7	0.52	U.E., Soco Gap, 0.5 mi NW. of, along Blue Ridge Parkway; 45 ft W. of, and 10 ft lower than centerline of Parkway; on S. end of W. rock headwall of culvert; chiseled square	4412.468
3 9	1.03	U.E., Soco Gap, 1.0 mi NW. of, along Blue Ridge Parkway; 35 ft W. of, and 3 ft lower than Parkway; on N. end of W. rock headwall of culvert; chiseled square	4580.724
3 11	1.53	U.E., Soco Gap, 1.5 mi NW. of, along Blue Ridge Parkway; 32 ft S. of, and 2 ft lower than centerline of Parkway; on W. end of S. rock headwall of culvert; chiseled square	4737.138
3 13	2.07	Soco Gap, 2.1 mi NW. of, along Blue Ridge Parkway; 11.5 mi E. of junction of U. S. Highway 441; 72 ft SE. of, and 2 ft lower than centerline of overpass; 7 ft NW. of SE. end of SW. rock guardrail; standard tablet stamped "45 RJN 1963 4930"	4930.488
3 14	2.07	Reference mark; 40 ft NW. of tablet; 8 ft from E. end; on N. rock guardwall chiseled square	4931.726

35 CATALOOCHEE N.C.-TENN. R. J. Neff
Book AV 1305 c 1/30/64 po 1963

LINE 15 (Cont'd.)

3 24	4.65	U.E., Soco Gap, 4.6 mi NW. of, along Blue Ridge Parkway; 16 ft N. of, and level with centerline of rd.; on E. base of N. concrete gutter cover; chiseled square	4679.872
3 27	5.17	U.E., Soco Gap, 5.1 mi NW. of, along Blue Ridge Parkway; in centerline of Parkway at junction of T-rd. W.; copper nail and washer	4498.758
3 29	5.64	U.E., Soco Gap, 5.6 mi NW. of, along Blue Ridge Parkway; 36 ft NE. of, and 4 ft higher than centerline of Parkway at E. end of Big Witch Tunnel; on top of rock-wall; chiseled square	4333.880
3 31	6.15	Reference mark; 68 ft S. of tablet; on E. end of S. concrete overpass; chiseled square	4150.006
3 32	6.15	Soco Gap, 6.1 mi NW. of, along Blue Ridge Parkway; 0.5 mi W. of Big Witch Tunnel; 32 ft NW. of, and 1 ft lower than centerline of Parkway at overpass; in N. end of E. concrete overpass structure; standard tablet stamped "47 RJN 1963 4149"	4149.436

34 CATALOOCHEE N.C.-TENN. R. J. Neff
Book AV 1305 c 1/30/64 po 1963

LINE 15 (Cont'd.)

3 16	2.50	U.E., Soco Gap, 2.5 mi NW. of, along Blue Ridge Parkway; 20 ft N. of, and level with centerline of Parkway; on W. end of N. rock headwall of culvert; chiseled square	5057.860
3 18	3.04	U.E., Soco Gap, 3.0 mi NW. of, along Blue Ridge Parkway; 21 ft N. of, and 2 ft lower than centerline of Parkway; on W. end of N. rock headwall of culvert; chiseled square	5182.022
3 20	3.62	U.E., Soco Gap, 3.6 mi NW. of, along Blue Ridge Parkway; 33 ft E. of, and 1 ft lower than centerline of Parkway; 6 ft W. of 30-in. oak tree; on S. end of E. rock headwall of culvert; chiseled square	5042.655
3 22	4.15	Soco Gap, 4.1 mi NW. of, along Blue Ridge Parkway; 135 ft E. of, and about 20 ft lower than Parkway; 125 ft E. of sign designating Bunches Gap; in N. end of rock headwall; standard tablet stamped "46 RJN 1963 4846"	4846.373

36 CATALOOCHEE N.C.-TENN. R. J. Neff
Book AV 1305 c 1/30/64 po 1963

LINE 15 (Cont'd.)

3 34	6.79	U.E., Soco Gap, 6.9 mi NW. of, along Blue Ridge Parkway; 6.6 mi E. of junction of U. S. Highway 441; 50 ft NW. of, and 2 ft higher than centerline of Parkway at junction of Y-rd. W. to fire tower; on white rock outcrop; chiseled square	4289.497
3 36	7.34	U.E., 6.1 mi E. of junction of U. S. Highway 441, along Blue Ridge Parkway; 27 ft W. of, and 3 ft lower than centerline of rd. opposite; on S. end of W. rock headwall; chiseled square	4122.854
3 38	7.80	U.E., 5.6 mi E. of junction of U. S. Highway 441, along Blue Ridge Parkway; 18 ft SW. of, and 1 ft lower than centerline of rd. opposite; on S. end of W. rock headwall of culvert; chiseled square	3980.406
3 40	8.36	Soco Gap, 8.4 mi W. of; 5.1 mi E. of junction of U. S. Highway 441, along Blue Ridge Parkway; 30 ft S. of 28-in oak tree; 30 ft N. of, and 3 ft lower than rd. opposite; in W. end of rock headwall; standard tablet stamped "48 RJN 1963 3785"	3785.077

LINE 15 (Cont'd.)

- 3 41 8.36 Reference mark; 48 ft S. of tablet; on W. base of concrete gutter cover; chiseled square 3786.514
- 3 43 8.86 U.E., 4.6 mi E. of junction of U. S. Highway 441, along Blue Ridge Parkway; 18 ft S. of, and level with rd.; on E. base of concrete gutter cover; chiseled square 3620.245

LINE 16.

FROM LE CONTE QUADRANGLE ALONG ROADS AND TRAILS NORTHEAST TO PIN OAK GAP THENCE SOUTH BY WAY OF BLACK CAMP GAP TO POINT 2.5 MILES WEST OF SOCO GAP ON BLUE RIDGE PARKWAY (By R. J. Neff, 1963; Books AV 1305 h, 1)

- 8 13 5.06 U.E., Ravensford, 5.1 mi NE. of, along Big Cove Road; 66 ft W. of 18-in white pine; in centerline of rd. opposite pulloff on W. side of rd.; copper nail and washer 2262.029
- 8 14 5.59 U.E., Ravensford, 5.6 mi NE. of, along Big Cove Road; in centerline of rd. at drive N. to white house; copper nail and washer 2286.057
- 8 15 Reference mark; 48 ft N. of tablet; at N. side of rd. on rock outcrop; chiseled square 2326.105

LINE 16 (Cont'd.)

- 8 16 6.12 Ravensford, 6.1 mi NE. of, along Big Cove Road; 0.2 mi S. of country store; 33 ft SE. of, and 7 ft lower than rd.; in rock outcrop at NW. edge of Raven Fork; standard tablet stamped "74 RJN 1963 2314" 2314.222
- 8 17 6.65 U.E., Ravensford, 6.6 mi NE. of, along Big Cove Road; 0.1 mi W. of curve; 17 ft N. of, and level with rd.; on rock outcrop; chiseled square 2351.366
- 8 18 7.16 U.E., Ravensford, 7.2 mi NW. of, along Big Cove Road; in centerline of rd. at T-rd. E. to Indian Creek Camp ground; copper nail and washer 2381.124
- 8 19 7.79 U.E., Ravensford, 7.8 mi NE. of, along Big Cove Road; 33 ft NW. of, and level with centerline of rd. at hwy. to Big Cove Mission; on rock under Mission sign; chiseled square 2416.963
- 8 20 8.16 Reference mark; 30 ft W. of tablet; on NW. wingwall of bridge; chiseled square 2457.978
- 8 21 8.17 Ravensford, 8.2 mi NE. of, along Big Cove Road; in NE. wingwall of bridge at T-rd. S.; standard tablet stamped "75 RJN 1963 2458" 2457.982
 WL = 2045 ft

LINE 16 (Cont'd.)

- 8 22 8.77 U.E., Ravensford, 8.8 mi NE. of, along Big Cove Road; 420 ft N. of dwelling W. of rd.; 6 ft N. of twin sycamore trees at E. edge of rd.; on rock outcrop; chiseled square 2521.513
- 23 9.31 U.E., Ravensford, 9.3 mi NE. of, along Big Cove Road; 150 ft E. of gate at park entrance; 9 ft S. of centerline of rd. on rock; chiseled square 2567.548
- 8 24 9.96 U.E., Ravensford, 10.0 mi NE. of, along Big Cove Road; 0.7 mi NE. of gate at park entrance; 80 ft S. of pullover E. of rd.; 16 ft SE. of group of 5 sycamore trees; 25 ft SE. of centerline of rd.; on 3 ft boulder; chiseled square 2653.897
- 8 25 10.53 Reference mark; 70 ft S. of tablet; on rock 13 ft E. of, and 5 ft lower than rd.; chiseled square 2743.937
- 8 26 10.53 Ravensford, 10.5 mi NE. of, along Big Cove Road; 1.2 mi NE. of gate at park entrance; 200 ft SW. of curve; 24 ft NW. of 6-in. maple tree bearing large metal witness tag; 12 ft NW. of, and 1 ft higher than centerline of rd.; in ledge of rock outcrop; standard tablet stamped "76 RJN 1963 2753" 2753.003

LINE 16 (Cont'd.)

- 8 28 11.36 U.E., in centerline of rd. at crossing of old RR. scar 2873.945
- 8 30 11.47 "N 18 1928" (Described in line 5) 2860.803
 This Elev. 2860.803
 Prev. Elev. 2860.949
 Closure -146
- 8 32 11.70 U.E., in centerline of rd. at drain crossing; (PP 1 197 A) 2893.040
- 8 33 12.08 U.E., Ravensford, 11.9 mi NE. of, along Big Cove Road; in centerline of rd. at trail NW. to Hughes Ridge; (PP 1 197 C) 2934.907
- 8 34 12.61 U.E., Ravensford, 12.5 mi NE. of, along Big Cove Road; 0.5 mi N. of trail NW. to Hughes Ridge; 30 ft W. of, and 2 ft higher than centerline of rd.; on top of 5 ft boulder; chiseled square 3012.301
- 8 35 13.13 U.E., Ravensford, 13.0 mi NE. of, along Big Cove Road; 50 ft S. of S. edge of Round Bottom Campground; 12 ft W. of, and 5 ft higher than rd.; on 3 ft boulder; chiseled square 3063.405
- 8 36 13.49 U.E., water level, at drain crossing 3100.045

41 CATALOOCHEE N.C.-TENN. R. J. Neff
Books AV 1305 h, 1 1/31/64 po 1963
LINE 16 (Cont'd.)

8 37 13.64	Ravensford, 13.5 mi NE. of, along Big Cove Road; 0.4 mi NE. of locked gate of restricted area; 800 ft N. of drain crossing rd.; 12 ft S. of, and 1 ft higher than centerline of rd. at curve; in top of 5 ft boulder; standard tablet stamped "77 RJN 1963 3145"	3144.829
8 39 14.35	U.E., in center of rd. at Ridge Line; (PP 1 133 AC)	3299.750
8 41 14.85	U.E., Ravensford, 14.8 mi NE. of, along Big Cove Road; 1.6 mi NE. of locked gate of restricted area; 170 ft NE. of curve; on 6 ft boulder NE. of rd.; 15 NE. of, and 3 ft higher than centerline of rd. opposite group of spruce trees S. of rd.; chiseled square	3470.954
8 44 15.72	Ravensford, 15.7 mi NE. of, along Big Cove Road; 16.2 mi NW. of Black Camp Gap; 2.5 mi NE. of locked gate of restricted area of park; 145 ft NW. of switch; 7 ft NE. of, and level with centerline of rd.; in SE. end of NE. rock culvert headwall; standard tablet stamped "78 RJN 1963 3711"	3710.792

43 CATALOOCHEE N.C.-TENN. R. J. Neff
Books AV 1305 h, 1 1/31/64 po 1963
LINE 16 (Cont'd.)

8 59 21.00	Black Camp Gap, 11.0 mi N. of; 5.6 mi N. of locked gate of restricted area, along gravel rd.; 0.3 mi S. of junction of jeep trail to Spruce Mountain Lookout Tower; 120 ft S. of gaging station; 6 ft SW. of group of small trees at S. end of curve; in rock outcrop at E. edge of rd.; standard tablet stamped "80 RJN 1963 4786"	4785.770
8 61 22.08	U.E., 4.5 mi N. of locked gate, along gravel rd.; 55 ft E. of, and 1 ft higher than centerline of rd. at curve; 3 ft E. of small birch tree with witness tag; on rock outcrop above small culvert; chiseled square	4717.210
8 63 23.11	U.E., 3.5 mi N. of locked gate of restricted area, along gravel rd.; 75 ft N. of, and level with centerline of rd. at junction of Chiltoskie Trail; in root on E. side of tree bearing witness tag; copper nail and washer	4891.382
8 64 23.70	U.E., in centerline of rd. opposite lone pine NE.; (PP 1 198 A)	4936.285

42 CATALOOCHEE N.C.-TENN. R. J. Neff
Books AV 1305 h, 1 1/31/64 po 1963
LINE 16 (Cont'd.)

8 47 16.67	U.E., Ravensford, 16.7 mi NE. of, along Big Cove Road; 3.5 mi NE. of locked gate of restricted area; 35 ft NE. of, and 2 ft higher than centerline of rd. at drain crossing; in trunk of birch tree; copper nail and washer	3984.684
8 52 18.3	U.E., Ravensford, 18.2 mi NE. of, along Big Cove Road; 5.0 mi NE. of locked gate of restricted area; 52 ft SE. of sign post; 7 ft N. of centerline of rd.; on rock headwall of culvert; chiseled square	4423.330
8 54 18.87	Black Camp Gap, 13.1 mi N. of, along gravel rd.; 60 ft NE. of, and 1 ft lower than centerline of rd. of junction of Cataloochee Trail; 39 ft NW. of trail; 7 ft SW. of metal witness sign on tree; 1 ft above ground in 9- by 2-ft rock outcrop; standard tablet stamped "79 RJN 1963 4508"	4507.537
8 56 19.64	U.E., 7.0 mi N. of locked gate of restricted area, along gravel rd.; 1.0 mi N. of junction of Spruce Mountain Trail; 0.8 mi S. of junction of Cataloochee Trail; 37 ft NE. of, and level with curve; 30 ft E. of large oak tree with witness sign; on rock outcrop; chiseled square	4663.389

44 CATALOOCHEE N.C.-TENN. R. J. Neff
Books AV 1305 h, 1 1/31/64 po 1963
LINE 16 (Cont'd.)

8 65 23.76	Reference mark; 30 ft NE. of, and across rd. from tablet; on rock outcrop; chiseled square	4942.669
8 65 23.76	Black Camp Gap, 8.2 mi N. of; 2.8 mi N. of locked gate, along gravel rd.; 60 ft E. of, and level with rd. at curve; at E. end of pulloff S. of rd.; 29 ft S. of, and across rd. from 5-in. oak bearing metal witness sign; in rock outcrop flush with ground; standard tablet stamped "81 RJN 1963 4939"	4939.298
8 67 24.84	U.E., 1.8 mi N. of locked gate of restricted area, along gravel rd.; 115 ft E. of, and 7 ft higher than centerline of rd. at curve; 18 ft S. of rd., and 10 ft NE. of wild cherry/bearing metal witness tag; on 5 ft boulder; chiseled square	5096.761
8 69 25.72	U.E., Black Camp Gap, 5.3 mi N. of, along macadam rd. to restricted area, thence 0.9 mi N., along gravel rd. to curve; 35 ft NE. of, and 2 ft higher than centerline of rd. at curve; 12 ft N. of rd.; on top of 4 ft boulder; chiseled square	5194.826

45 CATALOGOCHEE N.C.-TENN. R. J. Neff
 Books AV 1305 h, 1 1/31/64 po 1963
 LINE 16 (Cont'd.)

8 71 26.60 Black Camp Gap, 5.3 mi N. of, along macadam rd. to restricted area; 300 ft NW. of, and 3 ft lower than center of grass island at turntable; 20 ft SE. of centerline of rd. at gate; 12 ft NW. of metal witness sign on hemlock tree; in large sandstone outcrop; standard tablet stamped "82 RJN 1963 5323" 5323.134

8 73 27.85 U.E., in centerline of bend rd. and drain; (PP 1 199 D) 5282.612

8 73 27.85 U.E., 1.2 mi S. of locked gate of restricted area; 1.6 mi N. of Pauls Gap; 140 ft SE. of centerline of rd. at curve over drain; 103 ft N. of rock outcrop E. of rd.; 20 ft E. of, and 2 ft higher than centerline of rd. opposite; on rock outcrop; chiseled square 5252.511

8 75 28.86 Pauls Gap, 0.6 mi N. of, along the Balsam Mountain Road; 2.3 mi S. of locked gate restricted area; 72 ft S. of, and 3 ft higher than centerline of rd. at culvert; 54 ft W. of 9-in. tree bearing survey marker witness sign; 20 ft E. of rd. in rock outcrop; standard tablet stamped "83 RJN 1963 5166" 5165.606

47 CATALOGOCHEE N.C.-TENN. R. J. Neff
 Books AV 1305 h, 1 1/31/64 po 1963
 LINE 16 (Cont'd.)

9 8 32.68 U.E., Black Camp Gap, 7.4 mi S. of, along Balsam Mountain Road; 60 ft NE. of, and level with rd. at curve; 27 ft SW. of 18-in. oak bearing survey marker witness tag; on top of flat rock flush with ground; chiseled square 4736.533

9 11 33.35 U.E., Black Camp Gap, 1.4 mi S. of, along Balsam Mountain Road; 2.2 mi N. of Blue Ridge Parkway; 25 ft N. of, and 2 ft lower than centerline of rd.; on E. end of N. cut rock headwall of culvert; chiseled square 4950.188

9 14 Reference mark; 10 ft NE. of, and 5 ft higher than tablet; on top of rock outcrop; chiseled square 5218.321

9 15 34.21 Mile High Overlook; 2.3 mi S. of Black Camp Gap; 45 ft N. of, and 15 ft lower than N. edge of parking lot; 6 ft W. of tree bearing survey marker witness sign; in large flat rock about 10 ft SW. of large pointed rock outcrop; standard tablet stamped "84 RJN 1963 5213" 5213.438

9 17 34.81 U.E., Black Camp Gap, 2.9 mi S. of, along Balsam Mountain Road; 0.8 mi N. of Blue Ridge Parkway; 16 ft SW. of, and 2 ft higher than centerline of rd. at SE. end of curve; on rock outcrop; chiseled square 5311.175

46 CATALOGOCHEE N.C.-TENN. R. J. Neff
 Books AV 1305 h, 1 1/31/64 po 1963
 LINE 16 (Cont'd.)

8 75 28.86 Reference mark; 27 ft NE. of tablet; on rock outcrop; chiseled square 5165.050
 "PP 2-7 AC" 5140.824
 8 76 29.10 U.E., Pauls Gap; 2.5 mi N. of Black Camp
 8 76 29.44 Gap; 38 ft E. of, and 6 ft higher than centerline of hwy. at jeep rd. NE.; on white quartz rock between two larger rocks; chiseled square 5128.122

8 78 30.14 U.E., Black Camp Gap, 1.8 mi N. of, along the Balsam Mountain Road; 93 ft E. of, and 2 ft lower than centerline of rd. at drain crossing; 150 ft NW. of curve; on small rock outcrop; chiseled square 4938.680

9 2 30.88 U.E., Black Camp Gap, 1.0 mi N. of, along the Balsam Mountain Road; 18 ft E. of, and level with rd. at curve; at bottom of cut on rock outcrop; chiseled square 4746.147

9 5 31.94 Black Camp Gap; 90 ft SE. of, and level with traffic island; 11 ft W. of tree bearing survey marker witness sign; in 6-in. concrete post under rail fence; National Park Service standard boundary marker 4495.828

48 CATALOGOCHEE N.C.-TENN. R. J. Neff
 Books AV 1305 h, 1 1/31/64 po 1963
 LINE 16 (Cont'd.)

9 20 35.58 U.E., Soco Gap, 2.7 mi NW. of, along Blue Ridge Parkway; in centerline of tangent of T-rd. N. to Black Camp Gap; copper nail and washer 5104.287

9 21 35.74 U.E., chiseled square 5057.9 (Described in line 15) 5057.882
 This Elev. 5057.882
 Prev. Elev. 5057.860
 Closure +.022

QD. 166
 Station: CATALOOCHEE County: HAYWOOD-SWAIN State: N. C.

Observer: B. H. Yoakum Year: 1928 Datum: 1927 N.A.D. - Prelim. Adj.

Description:
 Bk. C8849

Located 4.0 mi N. of Black Camp Gap and 2.0 mi N. of Pauls Gap, on most southerly high peak of Cataloochee Mountain, also known as "Spruce Tops", which is on divide between headwaters of Cataloochee Creek on E. and Oconolufy River on W. The station is near center of highest part of peak which has a rather rounded summit and is 7 ft SSE. of spruce tree used as instrument station and signal. To reach station from Black Camp Gap, follow Suncrest Lumber Company RR. to Pauls Gap, thence follow RR. around W. slope of mountain to prominent drain crossing about 1.5 mi from Pauls Gap, then turn right up slope to top.

Station mark: Standard tablet cemented in large rounded rock set firmly in ground and projecting about 2 in. above surface.

Signal: A large standing spruce tree with several other trees cut and fallen into it for braces and with platform built around top.

NGVD 29
 Elevations

Latitude 35 34 46.63 Longitude 83 10 17.82

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
AZIMUTH AND DISTANCE ON N.A.D.								
Bunches Bald	13	10	00.13	193	09	22.03	3.8602799	4.5043
Cowee	28	33	33.82	208	27	47.43	4.4989444	19.6017
Rattlesnake Mtn.	47	11	54.	227	07	53.	4.15317	8.84
Mount Noble	57	57	07.	237	51	26.	4.24114	10.82
Hober	64	57	35.	244	50	12.	4.32723	13.20
Seph	66	45	44.	246	41	50.	4.04256	6.85
Newton	76	58	30.46	256	51	58.18	4.2415222	10.8361
Collins Creek	85	42	30.	265	35	08.	4.28114	11.87
Big Bald	94	08	18.	274	04	13.	4.02678	6.61
Lone Top	96	38	24.	276	32	22.	4.19738	9.79
Le Conte	108	37	31.95	288	27	59.93	4.4162011	16.2014
Laurel Top	121	35	04.	301	29	08.	4.25567	11.20
Raven Fork South	129	18	23.	309	15	24.	4.00038	6.22
Old Black	142	48	46.	322	45	17.	4.17359	9.27

(See Page 2)

QD. 163

Station: CATALOOCHEE County: HAYWOOD-SWAIN State: N. C.
 Observer: Year: Datum:
 Description:

(Cont'd. P. 2)

NGVD 29
Elevations

[Latitude 35 34 46.63 Longitude 83 10 17.82]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Raven Fork North	144	11	00	324	08	15	4.08581	7.57
Guyot	150	49	02.37	330	46	01.97	4.2030690	9.9179
Straight Fork	162	30	22.	342	28	50.	4.11856	8.16
Spruce Top	173	03	13.	353	03	03.	3.55342	2.22
Luftee	178	52	20.	358	52	15.	4.02010	6.51
Mount Sterling	198	10	55.88	18	12	39.44	4.1558780	8.8967
Indian Knob	201	35	54.	21	37	24.	4.02520	6.59
Brushy Mtn.	211	55	10.	31	58	10.	4.16772	9.14
Nellie	218	59	14.	39	01	36.	3.99041	6.08
Ola	238	10	48.	58	12	52.	3.80083	3.93
Bent Knee	243	04	22.65	63	09	00.45	4.1292124	8.3669
Whims Knob	335	13	25.	155	13	57.	3.52448	2.08
Water Rock	346	31	47.34	156	32	58.12	4.1202026	8.1951

QD. 163

Station: **BUNCHES BALD** County: **JACKSON-SWAIN** State: **N. C.**
 Observer: **B. H. Yoakum** Year: **1928** Datum: **1927 N.A.D. - Prelim. Adj.**

Description:
 Bk. C8849

Located about 9.0 mi W. of Dellwood and 5.0 mi W. of Maggie Post Office which is on Jonathan Creek, 2.0 mi SW. of Black Camp Gap, which is on the divide between Jonathan Creek and Bunches Creek. It is about 0.5 mi W. of corner of Jackson-Haywood-Swain Counties and on line between Jackson and Swain, on sharp peak, locally known as "Bunches Bald" which is about 0.5 mi W. of peak known as Soco Bald. The top and SW. slope of the peak is clear of timber; the NE. slope was timbered which was cleared off near the top surrounding the station. Station is near center of highest part of peak. To reach station from Dellwood or Maggie Post Office follow wagon rd. or Suncrest Lumber Company RR. up Jonathan Creek to Black Camp Gap, from this point follow trail SSW. along top of divide, keeping the righthand lead at Soco Bald, which is about 1.5 mi from gap. This dim trail runs over peak on which station is located.

Station mark: Standard tablet cemented in top of smooth-surfaced rock which was set firmly in ground with top 2 in. above surface.

Signal: A group of small hemlock trees cut and set over station mark with pole and flag in top. Top of flag 25 ft.

NGVD 29
 Elevations

[Latitude 35 30 57.61 Longitude 83 11 23.36 I

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
AZIMUTH AND DISTANCE ON N.A.D.								
Cowee	33	01	44.25	212	56	36.10	4.3915043	15.3257
Rattlesnake Mtn.	73	27	15.	253	23	52.	3.26227	5.71
Sharp Top Mtn.	77	34	53.	257	29	33.	4.39594	15.45
Mount Noble	80	31	24.	260	26	21.	4.12377	8.26
Hober	83	43	13.	263	35	27.	4.24800	11.00
Cold Spring Knob	86	38	57.	266	29	23.	4.39706	15.30
Noland Creek	98	32	17.	278	22	51.	4.39395	15.39
Newton	101	30	56.97	281	25	03.08	4.1946490	9.7273
Seph	107	41	17.	287	38	02.	3.94952	5.53
Collins Creek	107	54	45.	287	43	01.	4.26214	11.35
Lone Top	122	22	50.	302	17	25.	4.21247	10.30
Big Bald	151	08	04.	311	04	37.	4.37525	7.53
Hughes Ridge	159	33	51.	319	30	21.	4.12377	8.69
Camp Two	153	43	20.	323	42	11.	3.81860	4.05

(See Page 2)

QD. 163

Station: BUNCHES BALD

County: JACKSON-SWAIN State: N. C.

Observer:

Year:

Datum:

Description:

(Cont'd. P. 2)

NGVD 29
Elevations

[Latitude 35 30 57.61

Longitude 83 11 23.36]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Raven Fork South	155	32	06	333	29	45	4.16789	9.14
Old Black	158	44	17	338	42	00	4.30788	12.62
Raven Fork North	162	03	16	344	01	49	4.28750	11.70
Camp Three	168	29	43	348	29	02	3.94834	9.12
Cataloochee	193	09	22.03	13	10	00.13	3.862799	4.5243
Whims Knot	217	12	05	27	13	16	3.75318	3.14
Water Rock	320	40	22.27	140	42	11.04	3.8724354	4.6221

Qd. #163

Station: BUNCHES BALD County: Swain-Jackson State: N. C.
 Observer: E. B. BOULF Year: 1934 Datum: 1927 N.A.D. - Preliminary
 Description: Camp. Bal. TVA #43

Located about 10 mi NE. of Cherokee and about 11 mi NW. of Waynesville on crest of bald hill top locally known as Bunches Bald. To reach from junction of State Highways 107 and 112 at Cherokee, drive S. on Hwy. 112 toward Bryson City 0.3 mi, thence left on side rd. leading up Soco Creek Valley for 2 mi to rd. forks at Wright Creek, thence left on gravelled rd. leading up Wrights Creek for 2.1 mi to rd. forks at Big Witch Creek church building at forks, turn right on dirt rd. for 0.95 mi to rd. forks, thence left on dirt rd. for 4.05 mi to rd. forks at top of mountain, thence right on mountain rd. for 1.1 mi to rd. forks, thence left following ridge rd. 2.3 mi to top of ridge and gap on ridge; arrow below two blazes to left of rd. on 42-in. oak tree, leave car here and turn left on ridge trail for 1000 ft in westerly direction to station.

Station mark: Standard tablet, not stamped, in square boulder about 4-in. above ground on crest of bald hill top.
 No reference marks were found.

NGVD 29
Elevations

[Latitude 35 30 57.61 Longitude 83 11 23.36]

Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
✓ Rattlesnake Mountain (USC&GS)	73	30	11.99	253	26	49.72	3.9616899	5.689
✓ Water Look (USC&GS)	320	40	33.52	140	42	22.29	3.8724352	4.632

Qd. #163

PUBLICATION COPY

Station: WHIMS KNOB (Not occupied) County: Haywood-Swain State: N. C.

Observer: C. B. Kendall Year: 1928 Datum: M. S. D.

Description: Bk. C8847

At summit of Whims Knob on Haywood-Swain County line about 2 mi NE. of Black Camp Gap and between headwaters of Caldwell and Bunch Creeks.

Signal: Flag in 16-in. buckeye tree.

Station mark: Triangles cut on signal tree. (Signal tree is about 65 ft NW. of county corner.)

NGVD 29
Elevations

[Latitude 35 33 08.2

Longitude 83 09 21.6]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Bunches Bald	37	13	16.	217	12	05.	3.70318	3.14
Newton	87	13	49.	267	06	44.	4.26515	11.44
Cataloochee	155	13	57.	335	13	25.	3.52448	2.08
Mount Sterling	190	26	40.	10	27	52.	4.20843	10.51
Bent Knee	229	15	42.	49	19	47.	4.14599	8.70
Water Rock	350	19	33.	170	20	11.	3.99694	6.17

Station: MOUNT STERLING County: HAYWOOD State: N. C.
 Observer: B. H. Yoakum Year: 1928 Datum: 1927 N.A.D. - Prelim. Adj.

Description:
 Bk. C8849

Located about 4.0 mi S. of town of Mount Sterling, and 1.0 mi W. of rd. from there to Catalochee, on peak known as Mount Sterling. Station is best reached by trail from Ola Post Office which is located in general store of G. B. Messer on Little Catalochee Creek. From Ola follow trail up middle fork of Little Catalochee Creek past residence of Mr. Woody to cleared field about 1.0 mi from Ola, turn right to top of spur and follow well-defined trail to top of main ridge, turn right and follow trail to second prominent cleared field which is on W. slope of highest peak and about 300 ft from station. Station may also be reached by following rd. from Catalochee or Mount Sterling to top of divide thence following main lead W. to top. Although the latter route is shorter it is a more difficult climb being partly through laurel thicket and no definite trail.

Station mark: Standard tablet set in top of oval stone which is set in ground and projects 2 in. above surface, and is located on highest point 15 ft SE. of signal and observing tower.

Signal: Tree braced with fallen trees, in top of which was erected an observing platform.

NGVD 29
 Elevations

[Latitude 35 42 07.94

Longitude 83 07 20.08]

To Station—	Azimuth			Back Azimuth			Distance	
	ON N.A.D.			"			Log. Meters	Miles
Water Rock	3	03	05.07	183	02	32.54	4.4226831	16.4450
Indian Knob	8	37	31.	188	37	18.		2.36
Whims Knob	10	27	52.	190	26	40.		12.51
Catalochee	18	12	39.44	198	10	55.88	4.1558780	8.8967
Spruce Top	26	01	00.	205	59	06.		6.95
Camp Three	33	28	07.	213	25	04.		8.90
Luftse	55	13	34.	236	10	37.		3.50
Straight Fork	82	46	34.	262	43	18.		5.27
Guyot	91	34	59.06	271	30	14.67	4.0883101	7.6148
Chestnut Gap	117	41	12.	297	38	56.		4.09
Sharp Top	152	23	50.08	332	22	27.50	3.8845475	4.7632
Brushy Mtn.	288	37	30.	108	38	47.		2.17

Qd. #163

Station: CHEROKEE L.O.

County: Swain-Jackson State: N. C.

Observer: B. B. Boone

Year: 1934 Datum: 1927 N.A.D. - Preliminary

Description:

Comp. Bk. TVA #43

Located about 6 mi NE. of Cherokee and about 10.5 mi N. of Sylva on highest point locally known as Barnett Knob and on or near the boundary line between Swain and Jackson Counties. To reach from junction of State Highways 107 and 112 at Cherokee, drive S. on Hwy. 112 toward Bryson City 0.3 mi to side rd., thence left on dirt rd. leading up Suco Valley for 2 mi to rd. forks at Wright's Creek, thence left on graveled rd. leading up Wright's Creek for 2.1 mi to rd. forks (church at forks), thence right on dirt rd. leading up Big Witch Creek for 0.95 mi to rd. fork, thence left on dirt rd. for 4.05 mi to rd. forks at top of mountain, thence left about 300 ft to rd. fork, thence left on ridge rd. keeping right hand rd. for 1.05 mi to top of ridge. Leave car here and take ridge trail NW. for about $\frac{1}{4}$ mi to station.

Station mark: Standard tablet stamped "CHEROKEE 1934" set in boulder and centered under steel fire tower on crest of wooded hilltop.

Signal: 60-ft steel fire tower.

NGVD 29
Elevations

[Latitude 35 31 27.42

Longitude 83 14 10.26 1

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Water Rock (USGS)	306	47	58.29	153	51	23.98	4.0474808	6.932
Parry	352	03	40.40	171	04	18.03	4.0497959	6.969

Qd. #163

Station: BENT KNEE County: Haywood State: N. C.

Observer: S. B. Thomas Year: 1924 Datum: 1927 N.A.D. - Preliminary

Description: Comp. Em. TVA #54

Located about 18 mi N. of Waynesville on peak known as Bent Knee Knob. From Waynesville follow hwy. via Dellwood and Jonathan to Cove Creek, then follow rd. up Cove Creek leading to Cataloochee to top of mountain. Station is about 0.5 mi E. of rd. on highest point. North slope of mountain is cleared of timber around station.

Station mark: Standard tablet set in exposed rock a little W. of highest point.

Signal: Quadripod of poles with center pole bearing flags.

NGVD 29
Elevations

[Latitude 35 38 04.20 Longitude 83 02 20.66 1

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
Water Rock	25	21	00.52	205	17	33.93	4.3206853	13.003
Cataloochee	63	09	09.43	243	04	31.63	4.1292083	8.367
Mt. Stealing	134	57	22.54	314	54	27.96	4.0268084	6.609
Max Patch	202	20	33.07	82	23	25.57	4.2904394	12.129
Sandymush	250	27	25.36	70	32	53.68	4.1769312	9.338
Sentell	328	19	06.43	148	23	00.72	4.2863623	12.012

QD. 163

Station: BENT KNEE KNOB

County: HAYWOOD

State: N. C.

Observer: B. H. Yoakum

Year: 1928

Datum: 1927 N.A.D. - Prelim. Adj.

Description:

Bk. C8849

Located about 18.0 mi N. of Waynesville, along rd., on peak known as Bent Knee Knob. From Waynesville follow hwy. via Dellwood and Jonathan to Cove Creek, follow rd. up Cove Creek leading to Cataloochee, to top of mountain. Station is about 0.5 mi E. of rd. on highest point. North slope of mountain is cleared of timber around station.

Station mark: Standard tablet set in exposed rock a little to W. of highest point.

Signal: Quadripod of poles covered with white cloth and with center pole bearing flags.

 NGVD 29
 Elevations

[Latitude 35 38 04.20

Longitude 83 02 20.66]

To Station—	Azimuth			Back Azimuth			Distance	
	°	'	"	°	'	"	Log. Meters	Miles
AZIMUTH AND DISTANCE ON N.A.D.								
Water Rock	25	20	50.47	205	17	23.89	4.3206913	13.0029
Whims Knob	49	19	47.	229	15	42.	4.14599	8.70
Cataloochee	63	09	00.45	243	04	22.65	4.1222134	8.3669
Ola	67	27	07.	247	24	34.	3.85633	4.47
Nellie	104	31	22.	284	29	07.	3.78124	3.76
Luftee	109	47	07.	289	42	24.	4.11298	8.06
Indian Knob	114	56	20.	294	53	12.	3.95096	5.55
Mount Sterling	134	57	13.17	314	54	18.58	4.0268136	6.6094
Brushy Mtn.	146	36	25.	326	34	47.	3.88432	4.76