

164

UNITED STATES DEPARTMENT OF THE INTERIOR

INDEX OF PERMANENT MARKS

GEOLOGICAL SURVEY

MARK (USGS)

PAGE NO.

MARK (USGS)

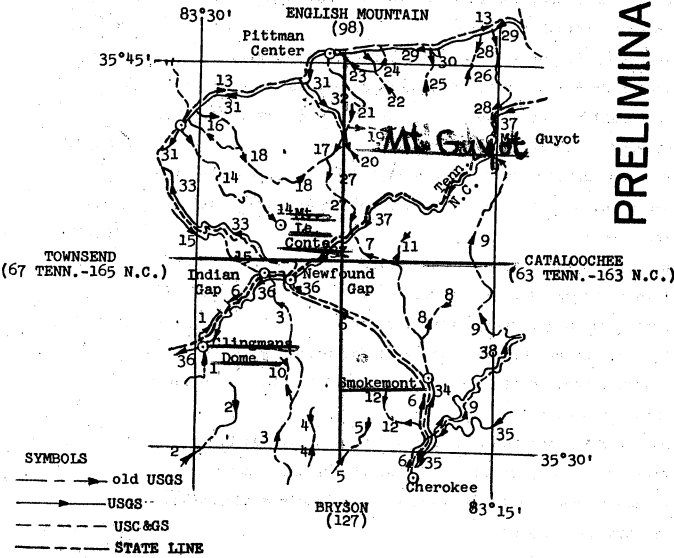
PAGE NO.

Third-order leveling
UNADJUSTED FIELD ELEVATIONS
SEA LEVEL DATUM OF 1929

Edition of 1/22/64

Counties: Haywood, Jackson, Swain, N.C.; Cooke, Sevier, Tenn.

PRELIMINARY



SYMBOLS
----- old USGS
——— USGS
- - - - - USC&GS
- - - - - STATE LINE

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NGVD 29
Elevations

3 LE CONTE
Book B3088 1/17/64 nec

N.C.-TENN.

W. D. Leech
1928

4 LE CONTE
Book B3088 1/17/64 nec

N.C.-TENN.

W. D. Leech
1928-29

LINE 1.

LINE 2.

FROM TOWNSEND QUADRANGLE ALONG APPALACHIAN TRAIL NORTHEAST TO POINT 1.6 MILES NORTHEAST OF CLINGMANS DOME (By W. D. Leech, 1928; Book B3088).

FROM POINT NEAR SOUTHEAST CORNER OF TOWNSEND QUADRANGLE GENERALLY NORTH ALONG NOLAND CREEK TO POINT NEAR BALD CREEK (By W. D. Leech, 1928-29; Book B3088).

CHECKED SPUR LINE

U.E., Forney Creek, 5.8 mi N. of forks; 0.4 mi E. of Clingmans Dome;

U.E., Noland, 4.9 mi N. of; 0.5 mi N. of Old Solola Post Office;

on Andrews Bald-Clingmans Dome Trail; 4 ft S. of hub marked (W-2485); at S. edge of trail; in root on N. side of 6-in. spruce tree; copper nail and washer

15 ft W. of rd.; 30 ft SW. of private rd. and mailbox marked "S. J. Woody"; on rock outcrop; chiseled square 2391.08

Clingmans Dome, 20 ft N. of NW. corner of triangulation tower; between two posts marked "L.R.Co." and red painted post; in top of stone post; standard tablet stamped "L 15 1928"

Noland, 5.9 mi N. of; 1.0 mi N. of Old Solola Post Office; 400 ft N. of Mill Creek School; 100 ft NW. of rd. forks; 120 ft N. of bridge over Noland Creek; in cultivated field; in embedded boulder; standard tablet stamped "L 9 1928" 2543.869

Reference mark; 20 ft NE. of tablet; in root of 10-in. balsam tree; copper nail and washer 6642.40

Reference mark; 60 ft SE. of tablet; 10 ft N. of N. end of house of E. T. Branton; 70 ft NE. of rd. forks; on embedded boulder; chiseled square 2547.33

U.E., Clingmans Dome, 0.3 mi NE. of; at gap in mountain; 5 ft SE. of trail; in root of 16-in. balsam tree; copper nail and washer 6366.33

U.E., Noland, 6.8 mi N. of; 1.8 mi N. of Old Solola Post Office; 0.8 mi N. of Mill Creek School; 40 ft N. of bridge over Noland Creek; E. of rd. and W. of stream; on boulder; chiseled square 2748.19

U.E., Clingmans Dome, 0.9 mi NE. of; at former camp ground; 10 ft N. of trail; 30 ft NW. of old fire place; on rock; chiseled square 6243.08

U.E., Noland, 7.4 mi N. of; 2.4 mi N. of Old Solola Post Office; 1.5 mi N. of Mill Creek School; 400 ft S. of house N. of rd.; 40 ft S. of rd.; 60 ft N. of Noland Creek; near E. end of cleared field; on boulder; chiseled square 2877.46

U.E., Clingmans Dome, 1.6 mi NE. of; 1.0 mi SW. of Round Top Mountain; 1 ft NW. of trail, at point 30 ft NW. of saddle; in root of 26-in. birch tree; copper nail and washer 5720.57

U.E., Mill Creek School; 2.2 mi N. of; 8.1 mi N. of Noland; 0.7 mi N. of last house on rd.; 50 ft S. of old camp; 20 ft S. of trail; 30 ft N. of edge of woods; in small clearing; on rock; chiseled square 3027.01

LE CONTE N.C.-TENN. W. D. Leech
Book B3088 1/17/64 nec 1928-29
LINE 2 (Cont'd.)

Mill Creek School, 2.7 mi N. of; 8.6 mi N. of Noland;
250 ft N. of Noland Creek; 20 ft N. of old barn; 30
ft S. of trail; in old field; in large flat rock;
standard tablet stamped "L 10 1928" 3176.455
Reference mark; 12 ft SW. of tablet; 10 ft N. of barn;
on rock; chiseled square 3175.09
U.E., Mill Creek School, 3.2 mi N. of; 9.1 mi N. of
Noland; 170 ft N. of tree marked "S 32"; 20 ft W. of
trail; at N. end of former campsite; on rock;
chiseled square 3268.34
U.E., Mill Creek School, 3.6 mi N. of; 0.8 mi S. of Bald
Creek Camp; 150 ft S. of gully crossing trail; at W.
edge of trail; in root of 22-in. oak tree; spike 3405.31
Mill Creek School, 4.4 mi N. of; 10.3 mi N. of Noland;
200 ft S. of Bald Creek Camp; 200 ft S. of trail NW.
along Bald Creek; 30 ft S. of center of Noland Creek;
15 ft E. of trail; in rock; standard tablet stamped
"L 11 1928" 3564.296
Reference mark No. 1; 40 ft W. of tablet; at W. edge of
stream; on large boulder; chiseled square 3561.94
Reference mark No. 2; 20 ft S. of tablet; in root on W.
side of 30-in. maple tree; copper nail and washer 3563.20

LE CONTE N.C.-TENN. W. D. Leech
Book B3088 1/23/64 nec 1928
LINE 3 (Cont'd.)

Reference mark; 10 ft NW. of tablet; on boulder; chiseled
square 2482.82
U.E., Deep Creek, 1.8 mi N. of Bryson Place; 0.8 mi N. of
main fork; 60 ft SW. of creek at trail crossing; on boulder;
chiseled square 2588.80
U.E., Deep Creek, 2.8 mi N. of Bryson Place; 1.8 mi NE. of
main fork; in center of creek at trail crossing; on huge
boulder; chiseled square 2732.50
U.E., Deep Creek, 3.8 mi N. of Bryson Place; 2.8 mi N. of
main fork; E. side of trail at point where trail joins old
creek bed; on boulder; chiseled square 2942.40
Reference mark; 5 ft N. of tablet; on boulder; chiseled
square 3215.36
Deep Creek Rod and Gun Clubhouse, 4.4 mi N. of; 3.5 mi S. of
Indian Gap, along Deep Creek; 60 ft W. of trail and 65 ft
W. of triangle blazed on hemlock tree 3 ft in diameter; in
E. edge of creek; in large gray granite rock; standard
tablet stamped "TT STA NO 2 D 1929" 3215.480
U.E., Deep Creek, 6.0 mi N. of Bryson Place; 2.4 mi SE. of
Indian Gap; at upper fork of Deep Creek; on large boulder;
chiseled square 3634.72
U.E., Deep Creek, 7.0 mi N. of Bryson Place; 1.4 mi SE. of
Indian Gap; 10 ft NE. of stream; on rock ledge; chiseled
square 4057.93

LE CONTE N.C.-TENN. W.D. Leech
Book B3088 1/23/64 nec 1928
LINE 3.

FROM BRYSON QUADRANGLE NORTH ALONG DEEP CREEK NORTH TO INDIAN GAP (By
W. D. Leech, 1928; Book B3088)
U.E., Deep Creek, 4.3 mi N. of mouth of; 1.1 mi N. of mouth of
Indian Creek; 40 ft W. of center of bridge over Deep Creek;
20 ft NW. of rd.; on rock ledge; chiseled square 1947.23
U.E., Deep Creek, 5.1 mi N. of mouth of; 2.0 mi N. of mouth
of Indian Creek; 450 ft W. of ford; at S. edge of rock;
on rock; chiseled square 2017.41
Deep Creek, 6.1 mi N. of mouth of; 2.8 mi N. of mouth of
Indian Creek; 55 ft N. of Bridges Creek; 50 ft W. of rd.
and trail intersection; in top of boulder; standard tablet
stamped "L 16 1928" 2186.318
Reference mark; 30 ft E. of tablet; 20 ft W. of junction of
woods rd. NW.; in root of 36-in. oak tree; copper nail
and washer 2183.05
U.E., Deep Creek, 0.9 mi S. of Bryson Place; 1.1 mi N. of
Bridge Creek; 2 ft W. of rd.; on S. side of creek at
crossing; on boulder; chiseled square 2306.86
U.E., Deep Creek, 0.7 mi S. of main forks; 0.2 mi N. of
Bryson Place; 20 ft E. of small stream crossing; on boulder;
chiseled square 2411.71
Deep Creek Rd. and Gun Clubhouse, 1.0 mi N. of; on E. side of
trail along Deep Creek; 80 ft SW. of triangle blazed on
sycamore tree; in large granite rock; standard tablet stamped
"TT STA NO 1 D 1929" 2485.876

LE CONTE N.C.-TENN. W. D. Leech
Book B3088 1/23/64 nec 1928
LINE 3 (Cont'd.)

U.E., Deep Creek, 7.8 mi N. of Bryson Place; 1.0 mi SE. of
Indian Gap; W. edge of creek at bottom of falls; near fork;
on rock ledge; chiseled square 4524.30
Indian Gap, 10 ft S. of center of trail; 3 ft N. and 8 ft W.
of state line stake; in large limestone boulder buried in
ground; standard tablet stamped "TT STA NO 34 TN 1928" 5266.097

LINE 4.

FROM BRYSON QUADRANGLE ALONG INDIAN CREEK NORTHEAST TO POINT ABOUT
4.0 MILES NORTHEAST OF MOUTH OF INDIAN CREEK (By F. B. Neary, 1928-29;
Book B3140)
CHECKED SPUR LINE
Indian Creek, 3.0 mi NE. of mouth of; 60 ft E. of Robert
Wiggen's residence; 15 ft SW. of springhouse; 40 ft W. of
rd.; 5 ft S. of trail; in top of rock outcrop; standard
tablet stamped "N 26 1928" 2379.351
Reference mark; 200 ft S. of tablet; on boulder; chiseled
square 2380.26
U.E., Indian Creek, 4.0 mi NE. of mouth of; 1.0 mi SW. of
forks of creek; 10 ft E. of stream crossing near end of
rd.; on boulder; chiseled square 2622.65
Indian Creek, 5.0 mi NE. of mouth of; 110 ft SW. from main
forks of creek; 7 ft SW. of blazed 24-in. chestnut tree;
2 ft W. of foot path; in top of large boulder; standard
tablet stamped "N 27 1928" 3007.687

9 LE CONTE N.C.-TENN. F. B. Neary
 Book B3140 1/23/64 nec 1928-29
LINE 4 (Cont'd.)
 Reference mark; 6 ft N. of tablet; in root of 24-in. chestnut
 tree; copper nail and washer 3008.09

LINE 5.
 FROM BRYSON QUADRANGLE ALONG COOPER CREEK NORTH TO POINT ABOUT 6.2
 MILES NORTH OF ELA (By F. B. Neary, 1928-1929; Book B3139)
 CHECKED SPUR LINE
 U.E., Cooper Creek, 3.8 mi N. of hwy.; 1.6 mi N. of Cooper
 Creek School; 10 ft SW. of field rd. fork; 5 ft SE. of
 fence corner; on W. side of rd.; on huge boulder; chiseled
 square 2570.94
 U.E., Cooper Creek, 5.0 mi N. of hwy.; 40 ft NE. of W. R.
 Springer; on S. side of rd.; on boulder; chiseled square 2937.43
 U.E., Cooper Creek, 5.8 mi N. of hwy.; 0.4 mi S. of forks of
 creek; 10 ft E. of trail; 30 ft E. of stream; in root of
 8-in. maple tree; copper nail and washer 3185.99
 Cooper Creek, 6.2 mi N. of hwy.; 40 ft NW. of forks of creek;
 on NE. side of creek to NW.; 10 ft E. of trail; in top of
 huge boulder; standard tablet stamped "N 14 1928" 3369.410
 Reference mark; 40 ft SW. of tablet; in root of 20-in.
 hickory tree; copper nail and washer 3366.21

10 LE CONTE N.C.-TENN. F. B. Neary
 Book B3139 1/23/64 nec 1928
LINE 6.
 FROM BRYSON QUADRANGLE ALONG U.S. HIGHWAY 441 NORTH TO SMOKEMONT
 THENCE ALONG OLD ROAD NORTHWEST TO INDIAN GAP THENCE SOUTHWEST
 ALONG CREST OF RIDGE TO POINT 2.0 MILES NORTHEAST OF CLINGMANS
 DOME (By F. B. Neary, 1928; Book B3139)
 U.E.; Cherokee, 1.0 mi N. of; 25 ft E. of rd.; 5 ft E. of W.
 end of dam; on concrete wall; chiseled square 1960.00
 U.E., Cherokee, 1.9 mi N. of; 325 ft E. of private rd. fork
 N.; 60 ft SW. of house; on N. headwall of concrete culvert;
 chiseled square 1983.66
 U.E., Cherokee, 3.2 mi N. of; 0.6 mi S. of rd. fork to
 Ravensford; on SW. side of rd.; on boulder projecting
 out of bank; chiseled square 2051.87
 Ravensford, 0.8 mi W. and N. of; 3.2 mi N. of Cherokee; 15
 ft S. and 15 ft W. of T-rd. E. to Ravensford with State
 Highway 107; in top of rock outcrop; standard tablet stamped
 "TT STA NO 28 T 1928" (Tied by USCG&S, 1934)
 (Reported destroyed, 1949) 2046.515
 Reference mark; 15 ft N. of tablet; on boulder; chiseled
 square 2045.34
 U.E., Smokemont, 2.3 mi S. of; 0.9 mi S. of RR. crossing;
 50 ft S. of drain; on W. side of rd.; on rock ledge;
 chiseled square 2085.93
 U.E., Smokemont, 1.3 mi S. of; 20 ft NW. of rd. fork; on
 N. side of E. abutment of bridge over Oconalufy River;
 chiseled square 2127.88

NGVD 29
 Elevations

11 LE CONTE N.C.-TENN. F. B. Neary
 Book B3139 1/23/64 nec 1928
LINE 6 (Cont'd.)
 Smokemont, 0.2 mi NW. of school; 250 ft SE. of rd. forks
 at Ry. crossing; 280 ft SE. of center of bridge over
 Bradley Fork; 20 ft NE. of rd.; in top of rock outcrop;
 standard tablet stamped "N 15 1928" 2198.506
 Reference mark; 280 ft NW. of tablet; on N. side of E. end
 of bridge over Bradley Fork; chiseled square 2200.38
 U.E., Smokemont, 0.6 mi NW. of; 15 ft NW. of store; 15 ft
 NE. of rd.; on boulder; chiseled square 2265.36
 U.E., Smokemont, 1.7 mi NW. of; 450 ft NW. of bridge over
 Collins Creek; 4 ft SW. of rail; on boulder; chiseled
 square 2393.49
 U.E., Smokemont, 2.6 mi NW. of; 8 ft E. of E. rail at point
 20 ft N. of N. end of bridge No. 8; on boulder; chiseled
 square 2527.17
 Smokemont, 3.9 mi NW. of; at Camp No. 3; 350 ft N. of forks
 of Lufly River with Mud Creek Prong; 7 ft NE. of rail at
 point 15 ft NW. of trestle; 5 ft NW. of Mud Creek; in top
 of boulder; standard tablet stamped "N 21 1928" 2801.65
 Reference mark; 60 ft SE. of tablet; on boulder; chiseled
 square 2799.34
 U.E., Smokemont, 4.8 mi NW. of; 0.8 mi NW. of Camp No. 3;
 100 ft W. of RR.; 30 ft E. of stream crossing; 10 ft S. of
 trail; on large boulder; chiseled square 2992.60

12 LE CONTE N.C.-TENN. F. B. Neary
 Book B3139 1/23/64 nec 1928
LINE 6 (Cont'd.)
 U.E., Smokemont, 5.7 mi NW. of; 175 ft NW. of forks of Ry.
 at Camp No. 9; 4 ft S. of S. rail; on boulder; chiseled
 square 3328.18
 Smokemont, 6.7 mi NW. of; about 200 ft SW. of Camp No. 18;
 150 ft SW. of junction of RR.; 50 ft SW. of RR. to W.; in
 top of large boulder; standard tablet stamped "N 22 1928" 3736.053
 Reference mark; 30 ft W. of tablet; on boulder; chiseled
 square 3733.94
 U.E., Smokemont, 7.7 mi NW. of; 1.1 mi NW. of Camp No. 18;
 3 ft NE. of drain; on N. side of rd.; on large boulder;
 chiseled square 4215.00
 U.E., Smokemont, 8.7 mi NW. of; 1.1 mi SE. of Indian Gap;
 10 ft NW. of rd. fork; in root of 12-in. maple tree;
 copper nail and washer 4709.71
 Indian Gap, 10 ft S. of center of trail; 3 ft N. and 8 ft W.
 of state line stake at Indian Gap; in large limestone
 boulder buried in ground; standard tablet stamped
 "TT STA NO 34 TN 1928" 5266.097
 Reference mark; 60 ft NW. of tablet; on boulder; chiseled
 square 5269.20
 U.E., Indian Gap, 1.0 mi SW. of; 5 ft NW. of forks of trail
 at angle in state line; in root of 12-in. balsam tree;
 copper nail and washer 5698.93

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LE CONTE N.C.-TENN. F. B. Neary
Book B3139 1/23/64 nec 1928

LINE 6 (Cont'd.)

U.E., Indian Gap, 2.0 mi SW. of; 100 ft SW. of small top;
on SE. side of trail at bend; in root of 15-in. balsam
tree; copper nail and washer 5885.82

Indian Gap, 2.5 mi SW. of; 15 ft SE. of triangulation station
on Mount Kephart; 20 ft SE. of trail; in top of boulder;
standard tablet stamped "N 25 1928" 6188.140

Reference mark; 15 ft NW. of tablet; in root of 15-in.
spruce tree which is triangulation station; copper nail
and washer 6190.42

LINE 7.

FROM SMOKEMONT ALONG ROAD AND TRAIL GENERALLY NORTHWEST TO DRY SLUICE
GAP (By F. B. Neary, 1928-29; Books B3139-B3510)

Smokemont, 0.2 mi NW. of schoolhouse; 250 ft SE. of rd. fork
at Ry. crossing; 280 ft SE. of center of bridge over
Bradley Fork; 20 ft NE. of rd.; in top of rock outcrop;
standard tablet stamped "N 15 1928" 2198.506

Reference mark; 280 ft NW. of tablet; on N. side of E. end
of bridge over Bradley Fork; chiseled square 2200.38

U.E., Smokemont, 0.9 mi N. of; 60 ft NW. of S. end of switch;
25 ft W. of track and 8 ft W. of gate; on boulder; chiseled
square 2279.99

U.E., Smokemont, 1.7 mi N. of; 120 ft NW. of Ry. forks;
about 100 ft S. of Ry. bridge over Lower Creek; 50 ft
NW. of house; in root of sycamore tree; copper nail and
washer 2356.49

14

LE CONTE N.C.-TENN. F. B. Neary
Book B3139-B3510 1/23/64 nec 1928-29

LINE 7 (Cont'd.)

Reference mark; 50 ft S. of tablet; on rock outcrop;
chiseled square 2453.75

Smokemont, 2.4 mi N. of; 100 ft S. of first Ry. crossing
Bradley Fork; above Smokemont; 300 ft N. of dwelling;
on W. side of track; in top of rock outcrop; standard
tablet stamped "N 16 1928" 2457.055

U.E., Smokemont, 3.4 mi N. of; 3 ft E. of Ry. at point 50 ft
S. of bridge; on rock ledge; chiseled square 2687.66

U.E., Smokemont, 4.5 mi N. of; 60 ft SE. of junction of
Bradley Fork with Upper Creek Ry.; 4 ft SW. of track; on
N. end of huge boulder; chiseled square 2927.01

U.E., Smokemont, 5.4 mi NW. of; 1.0 mi SE. of Beech Springs;
E. side of Dry Sluice Gap Trail; in root of 15-in. chestnut
tree; copper nail and washer 3964.04

Reference mark; 12 ft SE. of tablet; on boulder; chiseled
square 4720.76

Smokemont, 6.0 mi NW. of; 1.5 mi W. of Bradley Fork Creek; at
end of RR. on old abandoned trail leading up ridge to Dry
Sluice Gap; 60 ft S. of trail; in large rock outcrop;
standard tablet stamped "TT STA NO 6 D 1929" 4726.586

U.E., Dry Sluice Gap; 1.4 mi SE. of; 0.6 mi N. of Beech
Springs; top of ridge in gap; in root of 3-ft spruce tree;
copper nail and washer 5296.08

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LE CONTE N.C.-TENN. F. B. Neary
Book B3139-B3510 1/23/64 nec 1928-29

LINE 7 (Cont'd.)

Stream fork, 0.3 mi N. of; 65 ft NE. of triangle blaze on
large hemlock tree about 3.5 ft in diameter; on W. side
of Coopers Creek; standard tablet stamped
"TT STA NO 4 D 1929" 1928 5375.622

Reference mark; 15 ft SE. of tablet; on ledge; chiseled
square 5372.24

LINE 8.

FROM POINT 1.7 MILES NORTH OF SMOKEMONT ALONG CHASTEEN CREEK NORTHEAST
ABOUT 2.2 MILES (By F. B. Neary, 1928-29; Book B3139)

CHECKED SPUR LINE

U.E., Smokemont, 1.7 mi N. of; 120 ft NW. of Ry. fork; about
100 ft S. of Ry. bridge over Lower Creek; 50 ft NW. of house;
in root of double sycamore tree; copper nail and washer 2356.491

U.E., Smokemont, 2.7 mi N. of, along right prong of Bradley
Fork; 100 ft N. of old camp site; 60 ft N. of small creek;
25 ft N. of track; in root of 20-in. beech tree; copper
nail and washer 2693.85

U.E., Smokemont, 3.7 mi N. of; 0.4 mi S. of forks of Bradley
Fork; 50 ft N. of bridge over drain; E. side of track; on
rock ledge; chiseled square 2976.98

Reference mark; 20 ft SW. of tablet; on boulder; chiseled
square 3072.82

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LE CONTE N.C.-TENN. F. B. Neary
Book B3139 1/23/64 nec 1928-29

LINE 8 (Cont'd.)

Smokemont, 4.1 mi N. of; about 200 ft N. of forks of right
prong of Bradley Fork; 50 ft N. of bridge over E. prong;
100 ft NE. of bridge over W. prong; 40 ft NE. of track;
in top of large boulder; standard tablet stamped
"N 17 1928" 3076.864

LINE 9.

FROM RAVENSFORD NORTHEAST TO SWANEY THENCE ALONG TRAILS GENERALLY
NORTH TO MT. GUYOT (By W. D. Leech and F. B. Neary, 1928-29; Books
B3140-B3532)

"TT STA NO 28 T 1928" (Described in line 6) 2046.515

Reference mark; chiseled square (Described in line 6) 2045.35

U.E., Ravensford, 25 ft NE. of commissary; 20 ft NE. of rd.;
10 ft SE. of rail; on rock; chiseled square 2037.49

U.E., Ravensford, 1.0 mi N. of; 10 ft S. of track; at point
7 ft W. of W. end of RR. bridge over Oconalufy River; on
large boulder; chiseled square 2100.65

U.E., Ravensford, 1.9 mi N. of; 40 ft SE. of RR. at rd.
crossing; in root of 8-in. oak tree; copper nail and
washer 2159.11

U.E., Ravensford, 2.9 mi NE. of; 25 ft SE. of RR. crossing;
on E. side of rd.; in root of 12-in. tree; copper nail
and washer 2198.25

17 LE CONTE N.C.-TENN. W.D. Leech, F.B. Neary
 Book B3140-B3532 1/23/64 nec 1928-1929

LINE 9 (Cont'd.)
 Swayney, 4.2 mi S. and W. of; 313 mi NE. of Ravensford; on Parson's Pulp & Lumber Co. logging RR.; on W. side of track opposite swinging foot bridge over Raven Fork River; in vertical face of rock outcrop; standard tablet stamped "TT STA NO 27 T 1928" 2223.603
 Reference mark; 40 ft SE. of tablet; on rock ledge; chiseled square 2219.82
 U.E., Ravensford, 4.1 mi NE. of; 110 ft N. of RR. bridge over small creek; 25 ft SE. of SE. rail; on rock ledge; chiseled square 2261.51
 U.E., Swayney, 2.0 mi SW. of; 20 ft SE. of track; at point 20 ft NE. of NE. end of switch; in root on N. side of lone 36-in. apple tree; nail 2317.48
 Swayney, 1.0 mi S. of; 6.5 mi NE. of Ravensford; on Parson's Pulp & Lumber Co. logging RR.; directly opposite mouth of Bunch Creek; 10 ft W. of centerline of track; in vertical face of rock outcrop; standard tablet stamped "TT STA NO 26 T 1928" 2384.343
 Reference mark; 15 ft S. of tablet; on top of pointed boulder; chiseled square 2380.89

NGVD 29
 Elevations

18 LE CONTE N.C.-TENN. W.D. Leech, F.B. Neary
 Book B3140-B3532 1/24/64 nec 1928-1929

LINE 9 (Cont'd.)
 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 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 2560.24
 U.E., Swayney, 2.0 mi NE. of; 125 ft SW. of junction of RR. to Raven Fork with Straight Fork rd.; 10 ft NW. of rail; 20 ft SW. of shack; on boulder; chiseled square 2709.54
 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" 3120.522
 Reference mark; 210 ft N. of tablet; on W. side of track; on rock ledge; chiseled square 3117.82
 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 3201.36
 U.E., Raven Fork, 2.3 mi NW. of mouth of; 525 ft N. of end of RR.; on E. side of grade; on rock ledge; chiseled square 3339.46
 Raven Fork, 3.2 mi NE. of mouth of; 300 ft E. of mouth of Enloe Creek; on S. side of creek; in top of large boulder; standard tablet stamped "N 20 1928" 3552.481
 Reference mark; 20 ft NW. of tablet; on boulder; chiseled square 3545.84

19 LE CONTE N.C.-TENN. W. D. Leech, F.B. Neary
 Book B3140-B3532 1/24/64 nec 1928-1929

LINE 9 (Cont'd.)
 U.E., 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
 U.E., 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; on N. side of Raven Fork; 5 ft W. of trail; on large boulder; chiseled square 3926.76
 U.E., 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
 U.E., 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
 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

20 LE CONTE N.C.-TENN. W.D. Leech, F.B. Neary
 Book B3140-B3532 1/24/64 nec 1928-1929

LINE 9 (Cont'd.)
 U.E., Three Forks, 0.4 mi N. of; on trail on 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; in root 4 ft S. of base 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
 U.E., Mount 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., Mount 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
 Mount 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; 2 ft E. of trail; in root on SW. side of 20-in. spruce tree; copper nail and washer 6146.50
 U.E., Mount 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

21 LE CONTE N.C.-TENN. W.D. Leech, F.B. Neary
Book B3140-B3532 1/24/64 nec 1928-1929

LINE 9 (Cont'd.)

U.E., Mount 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

Greenbrier Cove, on Little Pigeon River, 7.5 mi (airline) E.
of; on highest point of
Mount Guyot; at summit of Great Smoky Mountains; 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

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

LINE 10.

FROM TT STA NO 1 D 1929 NORTHWEST UP LEFT PRONG OF DEEP CREEK 2.3
MILES (By F.B. Neary, 1929; Book B3510)

CHECKED SPUR LINE

Deep Creek Rod and Gun Clubhouse, 1.0 mi N. of; on E. side of
trail along Deep Creek; 80 ft SW. of triangle blazed on
sycamore tree; in large granite rock; standard tablet
stamped "TT STA NO 1 D 1929" 2485.876

23 LE CONTE N.C.-TENN. F.B. Neary
Book B3510 1/24/64 nec 1929

LINE 12.

FROM POINT 0.8 MILE NORTHWEST OF RAVENSFORD ALONG MINGUS CREEK
WEST AND NORTH 3.3 MILES (By F. B. Neary, 1929; Book B3510)

CHECKED SPUR LINE

"TT STA NO 28 T 1928" (Described in line 6) 2046.515

Reference mark; chiseled square (Described in line 6) 2045.35

U.E., Ravensford, 2.0 mi W. of; 20 ft S. of foot log to
residence of Grady Mathews; on S. edge of rd.; in boulder;
chiseled square 2314.10

U.E., Ravensford, 3.0 mi W. of; 60 ft W. of Mingus Creek
School; on S. edge of rd.; on boulder; chiseled square 2783.92

Reference mark; 10 ft S. of tablet; on boulder; chiseled
square 3183.34

Ravensford, 4.0 mi W. of; about 300 ft SW. of residence of
Jim Treadaway; 100 ft N. of second class rd. forks; on
W. edge of rd.; in top of boulder; standard tablet stamped
"N 4 1929" 3186.925

22 LE CONTE N.C.-TENN. F. B. Neary
Book B3510 1/24/64 nec 1929

LINE 10 (Cont'd.)

U.E., Deep Creek, 2.0 mi N. of Bryson Place; 1.0 mi NW. of
main fork of creek; 20 ft N. of creek at trail crossing;
in center of trail; on round embedded rock; chiseled
square 2691.88

Deep Creek, 3.2 mi N. of Bryson Place; 2.2 mi N. of main
fork of creek; 350 ft S. of Deep Gap Camp grounds; 25 ft
S. of stream at trail crossing; in top of embedded boulder;
standard tablet stamped "N 1 1929" 2951.017

Reference mark; 20 ft NW. of tablet; on boulder; chiseled
square 2950.99

LINE 11.

FROM POINT 4.5 MILES NORTH OF SMOKEMONT ALONG BRADLEY FORK THENCE
NORTHEAST ALONG CREEK 1.5 MILES (By F. B. Neary, 1929; Book B3510)

CHECKED SPUR LINE

U.E., Smokemont, 4.5 mi N. of; 60 ft SE. of junction of Bradley
Fork with Upper Creek Ry.; 4 ft SW. of track; on N. end of
huge boulder; chiseled square 2922.17

U.E., Smokemont, 5.5 mi N. of; 0.5 mi S. of mouth of Bear
Wallow Creek; on E. side of creek; at trail crossing; on
boulder; chiseled square 3122.27

Reference mark; 40 ft S. of tablet; on boulder; chiseled
square 3234.46

Smokemont, 6.0 mi N. of; in SE. angle of forks of Bradley
Fork with Bear Wallow Creek; in boulder; standard tablet
stamped "N 3 1929" 3236.877

24 LE CONTE N.C.-TENN. C. E. Reick
Book B3133 1/27/64 nec 1928

LINE 13.

FROM GATLINBURG ALONG ROADS NORTHEAST INTO ENGLISH MOUNTAIN QUADRANGLE
BY WAY OF PITTMAN CENTER THENCE EAST INTO NEWPORT QUADRANGLE (By C.E.
Reick, 1928; Book B3133)

Gatlinburg, 40 ft W. of NW. corner of Mountainview Hotel;
in rock wall; standard tablet stamped "TT STA NO 23 TN 1928"
(Tied by US&GS, 1934) (Reported destroyed, 1956) 1292.310

Reference mark; 50 ft E. of tablet; on top stone of corner
post of fence; chiseled square 1298.27

U.E., Gatlinburg, 1.0 mi E. of; 20 ft N. of Dudley Creek;
in root of 30-in. sycamore tree; copper nail and washer 1323.04

U.E., Gatlinburg, 2.0 mi E. of; 50 ft N. of Dudley Creek;
on S. edge of rd.; on boulder; chiseled square 1437.66

U.E., Gatlinburg, 2.8 mi E. of; 1.0 mi W. of T.Z. McCarter's
store; on N. edge of rd.; on ledge; drill hole 1503.30

Gatlinburg, 3.8 mi NE. of; 2.2 mi SW. of Emerts Cove; 27 ft
W. of junction of Gatlinburg-Greenbrier-Emerts Cove rds.;
at T.Z. McCarter's general store; in SW. corner of
cultivated field; in concrete post; standard tablet stamped
"TT STA NO 1 T 1928" 1647.512

Reference mark; 50 ft S. of tablet; in root of 30-in. oak
tree; copper nail and washer 1640.50

U.E.,
Emerts Cove, 1.4 mi W. of school; 50 ft W. of small bridge;
on S. edge of rd.; on boulder; drill hole 1543.64

25	LE CONTE Book B3133 1/27/64 nec	N.C.-TENN.	C.E. Reick 1928
<u>LINE 13 (Cont'd.)</u>			
U.E., Emerts Cove, 2.0 mi S. of; 550 ft N. of Greenbrier rd. fork; on SW. corner of concrete well curb at school; chiseled square			1374.09
U.E., Emerts Cove, 1.0 mi S. of; on W. side of rd.; on top of large boulder; drill hole			1315.18
Pittman/ ^{Center} 950 ft S. of; 28 ft E. and 29 ft N. of E. side of triangle at rd. fork W.; in front yard of Lester Hedrick's farmhouse; 2 ft W. of fenceline; in top of concrete post; standard tablet stamped "TT STA NO 2 T 1928"			1281.296
Reference mark; 60 ft S. of tablet; on small boulder; chiseled square			1272.82
U.E., Webb Creek, 0.8 mi E. of mouth of; on N. edge of rd.; on point of ledge; chiseled circle			1302.95
U.E., Webb Creek, 1.8 mi E. of mouth of; on S. edge of rd.; on top of boulder; chiseled square			1348.38
Pittman/ ^{Center} 2.5 mi E. of; on S. side of Webb Creek; 24 ft E. and 11 ft N. of intersection of T-rd. S.; at edge of rd.; in top of large boulder; standard tablet stamped "TT STA NO 3 T 1928"			1409.267
Reference mark; 60 ft W. of tablet; on boulder; chiseled square			1406.53
U.E., Webb Creek, 3.6 mi E. of mouth of; 50 ft W. of ford; on N. edge of rd.; on boulder; chiseled square			1506.89

26	LE CONTE Book B3133 1/27/64 nec	N.C.-TENN.	C. E. Reick 1928
<u>LINE 13 (Cont'd.)</u>			
U.E., Webb Creek, 4.7 mi E. of mouth of; 75 ft E. of Teachers Home; in root of 30-in. walnut tree; copper nail and washer			1608.32
Pittman/ ^{Center} 5.3 mi E. and N. of; 2.7 mi SW. of W. of Sevier-Cooke County line; on Webb Creek Road; 38 ft S. of W. end of triangle of rd. fork S. which leads to "Texas" settlement; in large outcrop of rock; standard tablet stamped "TT STA NO 4 T 1928"			1721.980
Reference mark; 50 ft NE. of tablet; on boulder; chiseled square			1718.48
U.E., Costner's Store, 2.0 mi W. of; near top of gap between Webb and Dunn Creeks; 20 ft NE. of rd. fork; on boulder; chiseled square			1985.61
U.E., Costner's Store, 0.9 mi W. of; 0.9 mi W. of county line; 30 ft NE. of rd. fork N. down Dunn Creek; on boulder; chiseled square			1942.81
Cosby Post Office, 3.5 mi W. and S. of; on Indian Camp Road; 1 ft S. and 27 ft E. of new addition to J.M. William and Son General Store; 24 ft S. and 20 ft E. of stake driven in ground at watershed in front of store established as Sevier-Cooke County line; in concrete post; standard tablet stamped "TT STA NO 5 T 1928"			1960.374
Reference mark; 70 ft NE. of tablet; on small boulder; chiseled square			1953.12

NGVD 29
Elevations

27	LE CONTE Book B3133 1/27/64 nec	N.C.-TENN.	C.E. Reick 1928
<u>LINE 13 (Cont'd.)</u>			
U.E., Cosby Post Office, 3.0 mi SE. of; in NE. angle of rd. fork at residence of Oscar Jenkin; on boulder; chiseled square			1860.32
U.E., Catons Grove, 2.9 mi W. of; 20 ft SE. of rd. fork near Greenbrier Fork of Cosby Creek; on boulder; chiseled square			1740.99
<u>LINE 14.</u>			
FROM GATLINBURG ALONG LE CONTE CREEK SOUTHEAST TO SUMMIT OF MT. LE CONTE (By F. B. Neary and J. J. Walker; 1928-29; Books B3130, B3140, B3511)			
"TT STA NO 23 TN 1928" (Described in line 13)			1292.310
Reference mark; chiseled square (Described in line 13)			1298.27
U.E., Gatlinburg, 1.0 mi S. of; on S. side of rd. leading to Cherokee Orchard; 50 ft N. of Mill Creek; 75 ft W. of house; 10 ft S. of centerline of rd.; on boulder; chiseled square			1481.99
U.E., Gatlinburg, 2.1 mi SW. of; 5 ft N. of trail to house; 50 ft SE. of barn; 15 ft E. of rd.; on boulder; chiseled square			1836.55
U.E., Gatlinburg, 2.6 mi SW. of; 60 ft SE. of trail; on SW. side of rd. at bend; in root of 14-in. oak tree; copper nail and washer			2013.79
Cherokee Orchard; 10 ft N. of centerline of rd.; 2 ft E. of SE. corner of large green barn; in concrete post; standard tablet stamped "TT STA NO 20 TN 1928"			2581.450
Reference mark; 40 ft E. of tablet; on boulder; chiseled square			2585.05

28	LE CONTE Books B3130, B3140, B3511 1/27/64 nec	N.C.-TENN.	F.B. Neary, J.J. Walker 1928-1929
<u>LINE 14 (Cont'd.)</u>			
U.E., Gatlinburg, 4.5 mi SW. of; 0.8 mi S. of hwy.; 15 ft W. of barn; 5 ft W. of trail to Mount Le Conte; on large boulder; chiseled square			3109.14
U.E., Gatlinburg, 5.7 mi SW. of; at top of Rainbow Falls; 25 ft NW. of trail; 15 ft N. of Mill Creek; on rock ledge; chiseled square			4326.26
U.E., Rainbow Falls; 460 ft upstream from; on NW. side of trail; on large boulder; chiseled square			4438.64
U.E., Gatlinburg, 6.7 mi SW. of; on trail leading to top of Mount Le Conte by ^{way of} Mill Creek; 50 ft E. of Mill Creek; in last trail where trail crosses; in root on S. side of 20-in. pine tree; copper nail and washer			5587.52
U.E., Gatlinburg, 8.3 mi S. of; on Mill Creek Trail leading to top of Mount Le Conte; in root on E. side of 3 ft balsam tree; 100 ft N. of Le Conte Lodge; 100 ft NW. of "House That Jack Built", copper nail and washer			6341.642
Sevierville, about 18.0 mi SSE. of; 5.0 mi SE. of village of Gatlinburg; on highest point of westernmost of three summits forming summit of Mount Le Conte (locally known as "Main Top"); station near W. end of peak and identical with U.S. Coast and Geodetic Survey vertical angle bench mark disk which is set in large mica schist outcrop; USC&GS standard vertical angle disk unstamped			6554.947

29 LE CONTE N.C.-TENN. F.B. Neary, J.J. Walker
Book B3130, B3140, B3511 1/27/64 nec 1928-1929

LINE 14 (Cont'd.)

Reference mark; 14 ft NE. of disk; in root of 7-in. balsam
stump; copper nail and washer 6551.01
U.E., Le Conte; on highest part of peak known as "Myrtle Top";
15 ft E. of fork of trail and 2 ft N. of trail; on ledge;
chiseled square 6592.84

LINE 15.

FROM TOWNSEND QUADRANGLE ALONG WEST PRONG LITTLE PIGEON RIVER EAST
SOUTH AND EAST TO INDIAN GAP (By O. L. McLaughlin, 1928; Book B3112)

Gatlinburg, 6.4 mi S. of; at residence of Mrs. R. R. Regan;
100 ft N. of front entrance of; 70 ft W. of center of rd.
and 40 ft N. of SW. corner fence post around garden; in
limestone boulder; standard tablet stamped
"TT STA NO 32 TN 1928" (Reported not found, 1956) 2239.537
Reference mark; 50 ft E. of tablet; on large boulder; chiseled
square 2239.56
U.E., Gatlinburg, 8.3 mi S. of, along rd. leading to New
Found Gap; 0.3 mi S. of Indian Gap Hotel; at N. end of W.
concrete abutment of new wooden bridge; chiseled square 2706.66
Indian Gap Hotel, 2.0 mi NE. of; 70 ft N. of center of state
highway to New Found Gap; 100 ft N. and 70 ft E. of junction
of Indian Gap Trail with state hwy.; in concrete post;
standard tablet stamped "TT STA NO 33 TN 1928" 3141.232

31 LE CONTE N.C.-TENN. H. Downes
Book B3330 1/27/64 nec 1929

LINE 16.

FROM TOWNSEND QUADRANGLE SOUTHEAST UP ROARING FORK TO NEAR "ROUND TOP"
TRIANGULATION STATION THENCE NORTHWEST DOWN BASKIN CREEK INTO TOWNSEND
QUADRANGLE (By H. Downes, 1929; Book B3330)
"TT STA NO 23 TN 1928" (Described in line 13) 1292.310
Reference mark; chiseled square (Described in line 13) 1298.27
U.E., Gatlinburg, 1.1 mi E. of; on Roaring Fork Road; 15 ft
W. of W. corner of fence at residence of Louis Claybaugh;
on top of boulder; chiseled square 1449.33
U.E., Gatlinburg, 2.2 mi E. of; on Roaring Fork Road; on N.
side of rd.; on E. side of creek; on boulder; chiseled
square 1825.37
Roaring Fork Schoolhouse, 3.0 mi E. of Gatlinburg; 15 ft N.
of centerline of rd.; 30 ft S. and 10 ft E. of SE. corner
of schoolhouse; in sandstone boulder; standard tablet
stamped "TT STA NO 22 TN 1928" 2058.389
Reference mark; 80 ft NW. of tablet; 30 ft W. of SW. corner of
schoolhouse; on W. side of rd.; on rock; chiseled square 2051.21
Roaring Fork School, 0.9 mi SW. of; 110 ft W. of creek
crossing; on N. side of forks in trail; 50 ft SE. of old
house; on ledge; chiseled square 2434.46
Round Top triangulation station, 1.5 mi W. of; 70 ft S. of SW.
corner of private residence of Sherman Claybaugh; 30 ft S.
and 40 ft E. of SE. corner of spring house; 40 ft N. and 10
ft W. of NW. corner of barn; in limestone boulder; standard
tablet stamped "TT STA NO 21 TN 1928" 2888.580

30 LE CONTE N.C.-TENN. O. L. McLaughlin
Book B3112 1/27/64 nec 1928

LINE 15 (Cont'd.)

Reference mark; 30 ft E. of tablet; on large gray back
boulder; chiseled square 3139.72
U.E., Gatlinburg, 10.0 mi S. of; on Indian Gap Trail; 1.0
mi N. of falls; in center of creek; on large gray back
boulder; chiseled square 3488.05
U.E., Indian Gap, 1.9 mi N. of top of; on Gatlinburg-Indian
Gap Trail; in center of creek at ford; on large rock;
chiseled square 4091.33
U.E., Indian Gap, 1.2 mi N. of top of, along trail leading
from Indian Gap to Gatlinburg; 5 ft W. of centerline of
trail; in root on E. side of 10-in. birch tree; copper
nail and washer 4489.34
Indian Gap, 10 ft S. of centerline of trail; 3 ft N. and 8
ft W. of state line stake at Indian Gap; in large limestone
boulder buried in ground; standard tablet stamped
"TT STA NO 34 TN 1928" 5266.097

32 LE CONTE N.C.-TENN. H. Downes
Book B3330 1/28/64 nec 1929

LINE 16 (Cont'd.)

Reference mark; 18 ft from tablet; on S. end of rectangular
rock; chiseled square 2885.67
U.E., Little Valley Church; on Baskin Creek; 85 ft N. of; on
N. side of creek; on S. side of rd. E. and W.; on W. side of
old T-rd. S.; on ledge outcrop; chiseled square 1980.16
U.E., Little Valley Church, 1.2 mi NW. of; on NW. side of
creek at ford; 100 ft SE. of old barn; on rock; chiseled
square 1481.33

LINE 17.

FROM POINT 2.0 MILES SOUTHEAST OF EMERTS COVE ALONG ROADS TO GREENBRIER
COVE THENCE SOUTHWEST 2.2 MILES (By H. Downes, 1929; Book B3330)
U.E., Emerts Cove School, 1.0 mi SE. of; on W. side of rd. at
top of hill; on ledge under bluff; chiseled square 1469.77
U.E., Emerts Cove School, 2.3 mi SE. of; 480 ft SE. of
abandoned house; on E. edge of rd. at top of hill; on
rock; chiseled square 1571.52
Reference mark; 10 ft E. of tablet; on limestone rock; chiseled
square 1676.84
Greenbrier; 2.2 mi S. of Ranger Station; 0.4 mi S. of
campgrounds; 14 ft S. and 33 ft W. of W. end of wooden bridge
over W. fork of Pigeon River; on W. side of rd. in limestone
rock; standard tablet stamped "TT STA NO 1 D 1928 1680" 1679.884
U.E., Greenbrier, 1.2 mi SW. of; on Greenbrier-Mount Le Conte
rd.; on W. edge of rd.; in front of house; 75 ft SW. of small
drain crossing; on rock; chiseled square 1962.87
Greenbrier, 1.2 mi SW. of; on Greenbrier-Mount Le Conte rd.;
15 ft S. and 16 ft W. of private rd. fork E. of John Messer's
house; 11 ft N. and 14 ft W. of John Messer's mail box; on W.
side of rd.; in top of limestone rock outcrop; standard
tablet stamped "TT STA NO 2 D 1928" 2241.725

33 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 18.

FROM POINT 1.5 MILES WEST OF "ROUND TOP" TRIANGULATION STATION EAST ALONG TRAIL TO POINT 2.2 MILES SOUTHWEST OF GREENBRIER COVE (By H. Downes, 1929; Book B3330)

U.E., Gatlinburg, 5.5 mi E. of; on trail from Sherman Claybough's to Grassy Gap; on E. side of trail; 50 ft N. of trail (dim) forks; on rock; chiseled square 3450.46

U.E., Gatlinburg, 6.8 mi E. of; in Grassy Gap; at trail forks (one trail to Mt. Le Conte, other trail over Brushy Mountain to Porters Flat and Greenbrier); in root of beech tree; copper nail and washer 4717.98

Gatlinburg, 7.2 mi E. of; on highest point of Brushy Mountain; at N. edge of trail over mountain from Greenbrier, by way of Grassy Gap to Mt. Le Conte; on E. end of highest point; on S. side of highest point; in limestone rock; standard tablet stamped "1 D 1929" 4911.223

Reference mark; 155 ft W. of tablet; on N. side of trail; 15 ft from trail; on ledge; chiseled square 4906.84

U.E., Greenbrier, 3.5 mi SW. and W. of; on trail from Greenbrier, over Brushy Mt. and thru Grassy Gap to Mt. Le Conte; on N. side of trail; in root of 12-in. pine tree; copper nail and washer 3561.81

34 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 19.

FROM GREENBRIER ALONG TRAIL EAST 3.8 MILES (By H. Downes, 1929; Book B3330)

CHECKED SPUR LINE

U.E., Greenbrier, 1.2 mi E. of; on Greenbrier-Hillfield trail; in front of small white house; in sharp bend in trail; on grayback rock; chiseled square 1917.34

U.E., Greenbrier, 2.3 mi E. of; on S. side of Greenbrier-Hillfield trail; on N. side of Left Prong of E. Prong of Little Pigeon River; on grayback rock; chiseled square 2397.72

Greenbrier, 3.2 mi E. of; on trail leading up left fork of Pigeon River; 10 ft W. and 30 ft E. of intersection of trails; 90 ft NW. of stream crossing of first Ramsey Creek; on S. side of trail; in top of large limestone rock; standard tablet stamped "TT STA NO 5 D 1928" 2647.330

Hillfield; on Greenbrier-Hillfield trail; 14 ft S. and 50 ft E. of intersection of old trail leading SE. up right fork of three forks of Pigeon River; 4 ft W. of "+" sign on large rock with "USOS" chiseled on top; on S. side of trail; in top of limestone outcrop; standard tablet stamped "TT STA NO 6 D 1928" 2882.327

Reference mark; 25 ft W. of tablet; on S. side of trail on grayback rock; chiseled square 2641.95

Reference mark; 10 ft W. of tablet; on highest point of large flat rock; chiseled square 2881.14

NGVD 29
 Elevations

35 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 20.

FROM GREENBRIER COVE ALONG TRAIL SOUTH TO TT STA NO 7 D 1928 (By H. Downes, 1929; Book B3330)

CHECKED SPUR LINE

U.E., Greenbrier, 1.1 mi SE. of; on W. side of rd.; at private rd. forks S. across creek; on limestone rock; chiseled square 2071.65

Greenbrier, 2.2 mi SE. of; on trail leading up E. side of middle fork of Little Pigeon River; about 400 ft NE. of forks of river; 30 ft SE. of SW. point of large shelf rock; 13 ft N. of center of cross on 18-in. hickory tree; on S. side of trail; in large granite rock outcrop; standard tablet stamped "TT STA NO 7 D 1928" 2660.480

Reference mark; 2 ft W. of tablet; on grayback ledge; chiseled square 2660.71

LINE 21.

FROM ENGLISH MOUNTAIN QUADRANGLE ALONG TRAILS SOUTHEAST AND SOUTH TO GREENBRIER COVE (By H. Downes, 1929; Book B3330)

Center,
 U.E., Pittman/ 1.2 mi SE. of; on W. side of Copeland Creek; about in line with drain forks E.; 120 ft SE. of crossing of Main Creek; 3 ft E. of E. corner of barn; on rock; chiseled square 1349.90

Center,
 U.E., Pittman/ 2.3 mi SE. of; on S. side of Copeland Creek; at rd. forks E.; in front of residence of A.P. Whaley; on top of ledge next to creek; chiseled square 1653.65

36 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 21 (Cont'd.)

Pittman Center, 3.6 mi SE. of; on Copeland Creek; in front yard of farmhouse of Helen West; 7 ft W. and 10 ft N. of NE. corner of log house; in large blue slate rock outcrop; standard tablet stamped "TT STA NO 8 D 1928" 2117.165

Reference mark; 5 ft E. of tablet; 3 ft W. of NW. corner of porch of abandoned house; on ledge outcrop; chiseled square 2117.60

Center,
 U.E., Pittman/ 3.4 mi SE. and S. of; on top of ridge where abandoned Wagon Road from Copeland Creek to Greenbrier crosses trail to Pinnacle Mountain; on W. side of rd.; on S. side of trail; in root of large chestnut tree; copper nail and washer 2211.89

LINE 22.

FROM ENGLISH MOUNTAIN QUADRANGLE ALONG SOAK ASH CREEK SOUTHEAST INTO LE CONTE QUADRANGLE (By H. Downes, 1929; Book B3330)

CHECKED SPUR LINE

Center,
 U.E., Pittman/ 1.2 mi E. of; on N. side of Webb Creek; 55 ft E. of rd. fork SE. up Soak/Creek; on N. side of Webb Creek Road; in top of stump; copper nail and washer 1312.43

Center,
 U.E., Pittman/ 2.1 mi E. and SE. of; up Soak/Creek; on W. side of rd.; 135 ft E. of and directly in front of Evans Chapel; in root on E. side of maple tree; copper nail and washer 1424.04

37 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 22 (Cont'd.)
 Center;
 Pittman / 3.0 mi SE. of; along Soak Ash Creek; 337 ft S. of
 trail fork; 86 ft NW. of stream fork in SE. end of C. C.
 Barnes's pasture field along fenceline on W. side of Soak
 Ash Creek; in large blue slate rock outcrop; standard
 tablet stamped "TT STA NO 9 D 1928" 1966.093
 Reference mark; 5 ft W. of tablet; on ledge; chiseled
 square 1966.22

LINE 23.
 FROM LE CONTE QUADRANGLE ALONG LINDSEY CREEK NORTHWEST TO PITTMAN CENTER
 (By H. Downes, 1929; Book B3330)
 Center;
 U.E., Pittman / chiseled square (Described in line 22) 1424.04
 Center;
 U.E., Pittman / 1.2 mi SE. of; on Tunis Creek; 30 ft N. of
 drain; 50 ft SW. of house; on N. side of rd.; on rock;
 chiseled square 1398.35
 "TT STA NO 2 T 1928" (Described in line 13) 1281.296

LINE 24.
 FROM EVANS CHAPEL IN LE CONTE QUADRANGLE ALONG ROADS NORTHEAST INTO
 ENGLISH MOUNTAIN QUADRANGLE (By H. Downes, 1929; Book B3330)
 Center;
 U.E., Pittman / chiseled square (Described in line 22) 1424.04
 Center;
 U.E., Pittman / 2.8 mi SE. and E. of; on rd. from Soak Creek
 to Timothy Creek and Webb Creek; about 400 ft S. of, and
 directly in front of Fairview School; in root of oak tree;
 copper nail and washer 1616.31
 "TT STA NO 3 T 1928" (Described in line 13) 1409.267

39 LE CONTE N.C.-TENN. H. Downes
 Book B3457 1/28/64 nec 1929

LINE 27.
 FROM POINT 2.2 MILES SOUTHWEST OF GREENBRIER COVE ALONG TRAIL
 SOUTHEAST TO DRY SLUICE GAP (By H. Downes, 1929; Book B3457)
 "TT STA NO 2 D 1928" (Described in line 17) 2241.725
 U.E., Greenbrier, 3.3 mi SE. of, along trail up Right Hand
 Prong of Little Pigeon River to Dry Sluice / on N. side of
 trail; on W. side of creek; on large rock outcrop; chiseled
 square 2580.36
 U.E., Greenbrier, 4.6 mi SE. of, along trail up Right Hand
 Prong of E. Prong of Little Pigeon River to Dry Sluice; on
 W. side of trail; on boulder; chiseled square 3364.48
 U.E., Greenbrier, 5.9 mi SE. of, along trail to Dry Sluice Gap;
 at camp site; on ledge outcrop; chiseled square 3916.83
 Greenbrier, 9.3 mi S. of; on Porters Gap Trail; 20 ft S. and
 22 ft W. of intersection of Porters Gap Branch and Dry
 Sluice Branch; on E. side of trail; on W. bank of stream;
 in top of limestone rock, about 18 in. square; standard
 tablet stamped "TT STA NO 3 D 1928" 3967.232
 "TT STA NO 4 D 1928" (Described in line 7) 5375.622

LINE 28.
 FROM NEAR SOUTHEAST CORNER OF ENGLISH MOUNTAIN QUADRANGLE ALONG TRAIL
 SOUTH TO SUMMIT OF MOUNT GUYOT (By H. Downes, 1929; Book B3330)
 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 and 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

38 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 25.
 FROM ENGLISH MOUNTAIN QUADRANGLE SOUTH ALONG TEXAS CREEK INTO LE
 CONTE QUADRANGLE (By H. Downes, 1929; Book B3330)
 CHECKED SPUR LINE
 "TT STA NO 4 T 1928" (Described in line 13) 1721.980
 Center;
 U.E., Pittman / 6.5 mi E., N., and S. of; on W. side of
 "Texas Settlement" rd.; 10 ft S. of drain crossing; on
 N. end of ledge; chiseled square 2260.98
 McCarters Mill, 2.0 mi S. of; at S. end of "Texas Settlement";
 on Texas Creek; in SE. corner of Henry McCarter's pasture
 fireld at foot of mountain; 1.0 mi N. of Buckeye Gap; 400
 ft SW. of stream forks; on E. side of trail; in large gray-
 back rock; standard tablet stamped "TT STA NO 10 D 1928" 2759.048
 Reference mark; 15 ft S. of tablet; on grayback ledge;
 chiseled square 2760.69

LINE 26.
 FROM ENGLISH MOUNTAIN QUADRANGLE SOUTH ALONG DUNN CREEK INTO LE CONTE
 QUADRANGLE (By H. Downes, 1929; Book B3330)
 CHECKED SPUR LINE
 "TT STA NO 5 T 1928" (Described in line 13) 1960.374
 U.E., Cosby Post Office, 4.0 mi W. and S. of; at T-rd. S.;
 on N. edge of rd.; on boulder; chiseled square 1994.18
 U.E., Cosby Post Office, 5.0 mi W. and S. of; on rd. to
 Valentine's Fern Camp; 40 ft N. of rd. forks; on boulder;
 chiseled square 2422.94

40 LE CONTE N.C.-TENN. H. Downes
 Book B3330 1/28/64 nec 1929

LINE 28 (Cont'd.)
 Reference mark; 3 ft W. of tablet; on extreme W. end of
 flat-topped boulder; chiseled square 3170.90
 U.E., Cosby Post Office, 7.2 mi S. of; on top of ridge; at
 end of trail up Greenbrier Fork; near Tenn.-N.C. 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 5940.84
 U.E., Cosby Post Office, 8.5 mi S. and W. of;
 at junction of Ramsey Trail and trail up right hand
 fork of Indian Camp Creek; on S. side of Ramsey Trail; in root
 of 8-in. spruce tree; copper nail and washer 6356.42
 Reference mark; ten penny nail and copper washer
 (Described in line 9) 6617.76
 "TT STA NO 14 D 1929" (Described in line 9) 6621.039

41		LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a		1/29/64	nee	1963	
<u>LINE 29.</u>					
FROM COSBY CAMPGROUND ALONG ROADS NORTH AND WEST TO PITTMAN CENTER (By R. J. Neff, 1963; Book AV 1305 a)					
1	4	0.00	"N 122 1935" (USC&GS)	1654.209	
1	4	0.52	U.E., Cosby, 0.7 mi SE. of post office, along State Highway 32; 36 ft SW. of, and 2-ft higher than centerline of hwy. at rd. W.; on abandoned concrete base of gas pumps, 3 ft from N. end; chiseled square	1594.839	
1	6	1.25	"M 122 1935" (USC&GS)	1514.755	
			This Elev. 1514.755 USC&GS Elev. 1514.767 Closure = .012		
1	9	1.25	"M 122 1935" (USC&GS)	1514.767	
1	9	1.71	U.E., Cosby, 0.5 mi W. of post office, along State Highway 73; 40 ft E. of, and 2 ft lower than centerline of hwy. at drive E.; on NW. end of NE. concrete culvert headwall; chiseled square	1567.040	
1	11	2.31	U.E., Cosby, 1.1 mi W. of post office, along State Highway 73; 55 ft N. of, and 1 ft lower than centerline of concrete bridge; on NW. wingwall of bridge; chiseled square WL = 1658 ft	1670.063	
1	13	2.90	U.E., Cosby, 1.6 mi W. of post office, along State Highway 73; 36 ft S. of, and 1 ft higher than centerline of hwy. opposite; 70 ft W. of curve sign; on rock; chiseled square	1859.068	

43		LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a		1/29/64	nee	1963	
<u>LINE 29 (Cont'd.)</u>					
1	20	5.65	Reference mark; 32 ft E. of tablet; on middle of S. concrete headwall of culvert; chiseled square	1929.438	
1	21	5.65	Cosby, 4.4 mi W. of, along State Highway 73; 6.0 mi E. of Pittman Center; 22 ft N. of, and 2 ft lower than centerline of rd. opposite concrete stairway to Hand Weaving Shop; in second step from top; standard tablet stamped "34 RJN 1963 1933", painted "1933.3"	1933.293	
1	23	6.15	U.E., Cosby, 4.9 mi W. of, along State Highway 73; in centerline of hwy. at junction of rd. to Huskey Cemetery; copper nail and washer	1882.463	
1	25	6.62	U.E., Cosby, 5.4 mi W. of, along State Highway 73; 28 ft S. of, and 1 ft lower than centerline of hwy. at culvert; on center of top of concrete headwall; chiseled square	1783.556	
1	27	7.13	U.E., Cosby, 5.9 mi W. of, along State Highway 73; 30 ft S. of, and 6 ft lower than centerline of rd. at culvert; 90 ft W. of stonewall on S. side of hwy.; on W. end of S. concrete headwall; chiseled square	1663.829	

42		LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a		1/29/64	nee	1963	
<u>LINE 29 (Cont'd.)</u>					
1	14	3.46	Cosby, 2.2 mi W. of post office, along State Highway 73; 25 ft SE. of, and 4 ft lower than centerline of hwy. at culvert; in E. end of S. concrete headwall; standard tablet stamped "33 RJN 1963 1883", painted "1882.5"	1882.519	
1	15	3.80	U.E., Cosby, 2.6 mi W. of post office, along State Highway 73; 48 ft E. of, and 15 ft higher than centerline of concrete bridge; on SE. wingwall of bridge; chiseled square WL = 1817 ft	1831.416	
1	17	4.30	Reference mark; 190 ft NE. of tablet; on E. end of concrete culvert headwall N. of hwy.; chiseled square	1941.317	
1	17	4.30	Cosby, 3.1 mi W. of post office, along State Highway 73; 56 ft S. of, and 8 ft higher than centerline of hwy. at junction of Y-rd. NE.; in top of concrete post at SE. edge of evergreen bush; standard tablet stamped "5 T 1928 1959"	1958.984	
1	18	4.97	U.E., Cosby, 3.7 mi W. of post office, along State Highway 73; 20 ft S. of, and 2 ft lower than centerline of rd. at culvert just W. of grocery store; on E. end of S. concrete headwall; chiseled square WL = 1946 ft	1954.505	

NGVD 29 Elevations

44		LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a		1/29/64	nee	1963	
<u>LINE 29 (Cont'd.)</u>					
1	28	7.73	Reference mark; 45 ft NE. of tablet; on E. end of N. wheelguard of concrete bridge; chiseled square	1625.463	
1	29	7.73	Cosby, 6.5 mi W. of, along State Highway 73; 4.0 mi E. of Pittman Center; 125 ft E. of, and 4 ft higher than centerline of hwy. at drive N.; in W. end of S. wheelguard of concrete bridge; standard tablet stamped "35 RJN 1963 1625", painted "1624.6" WL = 1619 ft	1624.583	
1	30	8.22	U.E., Pittman Center, 1.0 mi SE. of, along graveled rd., thence 2.5 mi E. along State Highway 73; 50 ft N. of, and 6 ft lower than centerline of rd. opposite; 20 ft NW. of power pole; on W. end of rock; chiseled square	1549.708	
1	31	8.86	U.E., Pittman Center, 1.0 mi SE. of, along graveled rd., thence 1.9 mi E. along State Highway 73; 33 ft S. of, and 3 ft lower than centerline of hwy. opposite; at E. end of out; on rock; chiseled square	1560.741	
1	33	9.34	U.E., Pittman Center, 0.8 mi SE. of, along graveled rd., thence 1.4 mi E. along State Highway 73; on NE. corner of walk leading to house just E. of office of W.A. Floy Motel; chiseled square	1456.793	

45	LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a	1/29/64	nec	1963	
<u>LINE 29. (Cont'd.)</u>				
1	34	9.47	"TT STA NO 3 T 1928" (Described in line 13)	1409.478
			This Elev. 1409.478	
			Prev. Elev. 1409.267	
			Closure +.211	
1	35	9.47	Reference mark; 33 ft N. of tablet; on W. end of N. wheelguard of concrete bridge; chiseled square	1377.198
1	36	9.91	Cosby, 8.6 mi W. of post office, along State Highway 73; 1.6 mi E. of Pittman Center; 22 ft E. of, and 1 ft higher than centerline of hwy. at rd. NE.; at W. end of concrete bridge; in S. wheelguard at W. end of bridge; standard tablet stamped "36 RJN 1963 1377 ET"	1377.039
			WL = 1365 ft	
1	37	10.70	U.E., Pittman Center, 0.8 mi SE. of, along graveled rd.; 43 ft W. of, and 1 ft higher than junction of State Highway 73; on NE. wingwall of concrete bridge; chiseled square	1330.474
1	39	11.47	U.E., Pittman Center, on bottom step of concrete walkway to Methodist Church; chiseled square	1272.392
1	40	11.97	"TT STA NO 2 T 1928" (Described in line 13)	1281.421
			This Elev. 1281.421	
			Prev. Elev. 1281.296	
			Closure +.125	

47	LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1304 a	1/29/64	nec	1963	
<u>LINE 31 (Cont'd.)</u>				
1	47	1.90	U.E., Pittman Center, 1.9 mi SW. of; at junction of State Highway 73 and macadam rd. NE.; copper nail and washer	1365.897
1	48	2.11	Reference mark; 35 ft N. of tablet; on E. end of N. wheelguard of concrete bridge; chiseled square	1371.953
1	49	2.11	Emerts Cove, 6.1 mi E. of Gatlinburg, along State Highway 73; 2.2 mi SW. of Pittman Center; 290 ft E. of, and 5 ft lower than junction of T-rd. S. to Greenbrier Campground; in E. end of S. concrete wheelguard of bridge over Little Pigeon River; standard tablet stamped "37 RJN 1963 1372"	1372.015
1	50	2.67	U.E., Gatlinburg, 5.6 mi E. of, along State Highway 73; 2.7 mi W. of Pittman Center; 40 ft W. of, and 1 ft higher than centerline of hwy. at T-rd. N.; on S. end of concrete culvert headwall at "Lots For Sale" sign; chiseled square	1417.600
1	52	3.23	U.E., Gatlinburg, 5.0 mi E. of, along State Highway 73; 3.3 mi W. of Pittman Center; in centerline of hwy. at drive NW. to Ovel Webb residence; copper nail and washer	1551.355

46	LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a	1/29/64	nec	1963	
<u>LINE 30.</u>				
FROM POINT 0.5 MILE EAST OF WEBB CREEK CHURCH ALONG WEBB CREEK ROAD TO TT STA NO 4 T 1928 (By R. J. Neff, 1963; Book AV 1305 a)				
1	74	0.00	U.E., chiseled square (Described in line 29)	1783.556
1	74	0.24	"TT STA NO 4 T 1928" (Described in line 13)	1722.113
			This Elev. 1722.113	
			Prev. Elev. 1721.980	
			Closure +.133	
<u>LINE 31.</u>				
FROM PITTMAN CENTER ALONG ROADS SOUTHWEST TO POINT ABOUT 2.0 MILES SOUTHWEST OF GATLINEBURG (By R. J. Neff, 1963; Book AV 1305 a)				
1	44	0.00	"TT STA NO 2 T 1928" (Described in line 13)	1281.296
1	44	0.50	U.E., Pittman Center, 0.5 mi SW. of, along macadam rd.; in centerline of rd. at swinging bridge N.; copper nail and washer	1284.382
1	45	1.04	U.E., Pittman Center, 1.1 mi SW. of, along macadam rd.; in centerline of rd. at drive NW. to white house; copper nail and washer	1314.183
1	46	1.64	U.E., Pittman Center, 1.7 mi SW. of, along macadam rd.; in centerline of rd. at junction of T-rd. NW.; copper nail and washer,	1342.077

48	LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 a	1/29/64	nec	1963	
<u>LINE 31 (Cont'd.)</u>				
1	54	3.56	U.E., Pittman Center, 3.6 mi W. of, along State Highway 73; 4.7 mi E. of Gatlinburg; in centerline of hwy. at drive NE. to residence of Gordon C. Evans; copper nail and washer	1673.994
1	55	3.81	Gatlinburg, 4.4 mi E. of, along State Highway 73; 25 ft W. of, and level with hwy. at junction of drive W.; near top of hill; in E. end of N. concrete headwall of culvert; standard tablet stamped "38 RJN 1963 1713", painted "1712.9"	1712.912
1	58	4.41	U.E., Gatlinburg, 3.8 mi E. of, along State Highway 73; 28 ft N. of, and 2 ft lower than hwy.; on W. end of concrete culvert under trout fishing sign; chiseled square	1543.688
1	59	4.95	U.E., Gatlinburg, 3.3 mi E. of, along State Highway 73; 25 ft N. of, and 4 ft lower than hwy.; 68 ft E. of curve sign; on E. end of N. concrete headwall of culvert; chiseled square WL = 1493 ft	1500.159
1	60	5.61	Gatlinburg, 2.6 mi E. of, along State Highway 73; 24 ft N. of, and 1 ft lower than centerline of hwy.; in NE. wingwall of bridge; standard gaging station reference mark tablet unstamped, painted "1458.0" WL = 1449 ft	1458.032

49 LE CONTE N.C.-TENN. R. J. Neff
 Book AV 1305 a 1/30/64 nec 1963

LINE 31 (Cont'd.)

1 61 6.15 Gatlinburg, 2.1 mi E. of, along State Highway 73; 60 ft SW. of, and 12 ft lower than hwy. at junction of drive S. to motel; on S. end of W. concrete headwall of culvert; standard tablet stamped "39 RJN 1963 1431", painted "1431.1" 1431.051
 WL = 1421 ft

1 62 6.67 U.E., Gatlinburg, 1.6 mi E. of, along State Highway 73; 61 ft NW. of, and level with hwy. opposite; on S. end of concrete base of gasoline pumps at Texaco Service Station; chiseled square, 1401.191

1 63 7.12 U.E., Gatlinburg, 1.1 mi E. of, along State Highway 73; 54 ft NE. of, and 2 ft lower than centerline of hwy. at drive W. to house; on N. end of concrete culvert opposite Dudley Creek Motel; chiseled square, 1331.477
 WL = 1323 ft

1 64 7.57 U.E., Gatlinburg, 0.6 mi E. of junction of U.S. Highway 441 and State Highway 73; 60 ft NW. of, and 2 ft higher than centerline of State Highway 73 opposite Sinclair Station; on SW. end of base of gas pumps; chiseled square, 1379.800

50 LE CONTE N.C.-TENN. R. J. Neff
 Book AB 1305 a 1/30/64 nec 1963

LINE 31 (Cont'd.)

1 66 8.24 Gatlinburg; about 200 ft S. of junction of U.S. Highway 441 and State Highway 73; about 60 ft NE. of junction of U.S. Highway 441 and drive E. to house; in bottom step at entrance to Settlement School Campus; standard tablet stamped "40 RJN 1963 1290", painted "1289.9" 1289.860

1 68 9.01 U.E., Gatlinburg, 0.8 mi S. of junction of U.S. Highway 441 and State Highway 73; 50 ft SW. of, and 1 ft higher than centerline of U.S. Highway 441 at rd. E. to Gateway Motel; 1 ft from N. end of base of gas pumps at Shell Service Station; chiseled square, 1342.403

1 69 9.66 U.E., Gatlinburg, 1.4 mi S. of junction of U.S. Highway 441 and State Highway 73, along U.S. Highway 441; 19 ft W. of, and 2 ft higher than centerline of hwy. opposite; on N. end of W. stone guardrail; chiseled square 1371.195

NGVD 29
 Elevations

51 LE CONTE N.C.-TENN. R. J. Neff
 Book AB 1305 a 1/30/64 nec 1963

LINE 31 (Cont'd.)

1 71 10.61 Gatlinburg, 2.4 mi S. of junction of U.S. Highway 441 and State Highway 73 E.; 0.1 mi N. of junction of U.S. Highway 441 and State Highway 73 W.; 90 ft SE. of N. end of E. stone bridge guardrail at entrance to Ranger Headquarters; in top of boulder near junction of abandoned State Highways 73 and 71; standard tablet stamped "TT STA NO 1 TN 1928 1462" 1462.436
 (Tied by USC&GS, 1934)
 This Elev. 1462.436
 USC&GS Elev. 1462.458
 Closure -0.022

LINE 32.

FROM POINT 6.1 MILES NORTHEAST OF GATLINBURG ALONG ROADS SOUTHEAST TO POINT NEAR RIVER FORKS AT GREENBRIER COVE (By R. J. Neff, 1963; Book AV 1305 b)

2 3 0.00 "37 RJN 1963 1372" (Described in line 31) 1372.015

2 3 0.57 U.E., Emerts Cove, 0.6 mi SE. of, along rd. to Greenbrier Cove; 9 ft W. of, and 3 ft higher than centerline of graveled rd.; on rock at drain crossing; chiseled square, 1401.127

2 4 0.98 U.E., Emerts Cove, 1.0 mi SE. of, along rd. to Greenbrier Cove; in centerline of rd. at S. entrance of driveway to ranger station; copper nail and washer, 1435.071

52 LE CONTE N.C.-TENN. R. J. Neff
 Book AV 1305 b 1/30/64 nec 1963

LINE 32 (Cont'd.)

2 5 1.54 U.E., Greenbrier Cove, 1.6 mi NW. of, along graveled rd.; 12 ft E. of, and 1 ft higher than centerline of rd.; on rock 3 ft N. of 14-in. tree; chiseled square 1479.442

2 7 2.06 U.E., Greenbrier Cove, 1.1 mi NW. of, along graveled rd.; 28 ft N. of, and 1 ft higher than centerline of rd.; at NE. edge of trail NW.; chiseled square 1528.777

2 8 2.60 U.E., Greenbrier Cove, 0.5 mi NW. of, along graveled rd.; on rock 25 ft E. of, and level with rd.; chiseled square 1602.238

2 10 3.13 Greenbrier; 2.2 mi S. of Ranger Station; 0.4 mi S. of campgrounds; 14 ft S. and 33 ft W. of W. end of wooden bridge over W. fork of Pigeon River; on W. side of rd. in limestone rock; standard tablet stamped "TT STA NO 1 D 1928 1680" 1679.884
 This Elev. 1679.884
 Prev. Elev. 1679.802
 Closure +0.082

LINE 33.

FROM POINT ABOUT 10.5 MILES SOUTHWEST OF GATLINBURG ALONG U.S. HIGHWAY 441 NORTHWEST TO POINT ABOUT 2.9 MILES SOUTH OF GATLINBURG (By R. J. Neff, 1963; Book AB 1305 b)

2 16 0.00 "P 53 1934" (USC&GS) 3743.903

LE CONTE		N.C.-TENN.	R. J. Neff	
Book AV 1305 b 1/31/64 nec			1963	
<u>LINE 33 (Cont'd.)</u>				
2	17	0.50	U.E., Gatlinburg, 9.6 mi S. of, along U.S. Highway 441; 7.6 mi S. of junction of State Highway 73 W.; 50 ft W. of, and 3 ft higher than centerline of rd. opposite; on E. corner post of garbage can base; chiseled square	3654.995
2	19	1.06	U.E., Gatlinburg, 9.0 mi S. of, along U.S. Highway 441; 7.0 mi S. of junction of State Highway 73 W.; 195 ft W. of tunnel; 24 ft N. of, and 5 ft higher than centerline of rd. opposite; on rock outcrop; chiseled square	3497.665
2	22	1.58	Gatlinburg, 8.5 mi S. of, along U.S. Highway 441; 6.5 mi S. of junction of State Highway 73 W.; 5 ft SW. of large rock out with spring pouring down the face; 21 ft NE. of, and 1 ft lower than centerline of rd. opposite; in center of cut rock culvert headwall; standard tablet stamped "41 RJN 1963 3300"	3300.390
2	25	2.23	U.E., Gatlinburg, 7.8 mi S. of, along U.S. Highway 441; 5.8 mi S. of junction of State Highway 73; 24 ft S. of, and 1 ft lower than centerline of rd.; on W. end of cut rock culvert headwall; chiseled square	3078.836

LE CONTE		N.C.-TENN.	R. J. Neff	
Book AV 1305 b 1/31/64 nec			1963	
<u>LINE 33 (Cont'd.)</u>				
2	27	2.75	U.E., Gatlinburg, 7.3 mi S. of, along U.S. Highway 441; 5.3 mi S. of junction of State Highway 73 W.; 42 ft S. of, and 2 ft higher than centerline of rd. opposite; on NW. corner post of garbage base; chiseled square	2917.895
2	29	3.25	Reference mark; 42 ft W. of tablet; on W. end of boulder; chiseled square	2790.501
2	30	3.25	Gatlinburg, 6.8 mi S. of, along U.S. Highway 441; 4.8 mi S. of junction of State Highway 73; 47 ft N. of, and 4 ft higher than centerline of rd. opposite; 17 ft E. of 28-in. white oak tree; in S. end of 4 ft flat top boulder; standard tablet stamped "42 RJN 1963 2788"	2787.769
2	32	3.87	U.E., 4.2 mi S. of junction of U.S. Highway 441 and State Highway 73, along Highway 441; 27 ft E. of painted arrow on large boulder in a group of large boulders SW. of rd.; 16 ft SW. of, and 1 ft lower than centerline of rd. opposite; on concrete cover partially grown over; chiseled square	2676.089
2	34	4.37	U.E., 3.7 mi S. of junction of U.S. Highway 441 and State Highway 73 W., along Highway 441; 28 ft E. of, and 3 ft higher than centerline of rd.; on SE. corner post of trash can base; chiseled square	2533.630

LE CONTE		N.C.-TENN.	R. J. Neff	
Book AV 1305 b 1/31/64 nec			1963	
<u>LINE 33 (Cont'd.)</u>				
2	36	4.85	U.E., 3.2 mi S. of junction of U.S. Highway 441 and State Highway 73, along Highway 441; at N. end of a pull-off NE. of hwy.; 37 ft NE. of, and 3 ft higher than rd. opposite; on E. end of 4 ft boulder; chiseled square	2386.729
2	38	5.35	Reference mark; 65 ft NW. of tablet; on SE. corner post of base of trash can	2215.683
2	39	5.35	Junction of U.S. Highway 441 and State Highway 73, about 2.7 mi S. of, along Highway 441; 65 ft SE. of permanent trash can at pull-off area NE. of rd.; 61 ft NE. of, and level with rd. opposite; in NW. end of large boulder; standard tablet stamped "43 RJN 1963 2216"	2216.112
2	42	5.93	U.E., Gatlinburg, 4.1 mi S. of, along U.S. Highway 441; 2.1 mi S. of junction of State Highway 73; 20 ft W. of, and 1 ft higher than centerline of rd. opposite; on S. end of cut rock culvert headwall; chiseled square	2027.451
2	44	6.46	U.E., Gatlinburg, 3.6 mi S. of, along U.S. Highway 441; 1.6 mi S. of junction of State Highway 73; 28 ft W. of, and level with centerline of rd. opposite; on S. end of cut rock headwall of culvert; chiseled square	1862.430

LE CONTE		N.C.-TENN.	R. J. Neff	
Book AV 1305 b 1/31/64 nec			1963	
<u>LINE 33 (Cont'd.)</u>				
2	46	6.95	U.E., Gatlinburg, 3.1 mi S. of, along U.S. Highway 441; 1.1 mi S. of junction of State Highway 73 W.; 33 ft W. of, and 6 ft lower than centerline of rd. opposite; 11 ft NE. of 18-in. sycamore tree; on N. end of a cut rock culvert headwall; chiseled square	1682.577
2	48	7.45	"F 53 1934" (USC&GS)	1562.664
			This Elev. 1562.664 USC&GS Elev. 1562.389 Closure +.275	
<u>LINE 34.</u>				
FROM BRYSON QUADRANGLE ALONG U.S. HIGHWAY 441 NORTH TO SMOKEMONT (By R. J. Neff, 1963; Book AV 1305 b)				
2	50	0.00	F 57 1934 (USC&GS)	1992.056
2	50	0.39	U.E., Smokemont, 3.9 mi SE. of, along U.S. Highway 441; 0.4 mi N. of Smoky Mountain National Park boundary; in centerline of E. section of divided hwy. at junction of Blue Ridge Parkway; copper nail and washer	2015.408
2	51	1.04	U.E., Smokemont, 3.3 mi SE. of, along U.S. Highway 441; 1.1 mi NW. of park boundary; in centerline of E. lane of divided hwy. at crossover; copper nail and washer	

57	LE CONTE	N.C.-TENN.	R. J. Neff
Book AV 1305 b	1/31/64	nec	1963
LINE 34 (Cont'd.)			
2 52	1.57	U.E., Smokemont, 2.7 mi SE. of, along U.S. Highway 441; 13 ft E. of, and level with centerline of rd. opposite; on S. end of E. out rock guardwall of bridge; chiseled square	2052.351
2 53	2.03	U.E., Smokemont, 2.3 mi SE. of, along U.S. Highway 441; 2.1 mi N. of park boundary; 18 ft W. of, and 1 ft lower than centerline of rd. at culvert; on SE. end of W. out rock headwall; chiseled square	2078.243
2 54	2.61	Smokemont, 1.7 mi SE. of, along U.S. Highway 441; 2.6 mi N. of park boundary; 27 ft E. of, and 1 ft lower than centerline of rd. opposite; 10 ft S. of garbage can; in top of S. edge of 4 ft boulder; standard tablet stamped "44 RJN 1963 2092"	2091.965
2 55	2.61	Reference mark; 170 ft NW. of tablet; on southernmost of row of boulders; chiseled square	2095.832
2 56	3.15	U.E., Smokemont, 1.2 mi SE. of, along U.S. Highway 441; in centerline of rd. at junction of Tow String Road E.; copper nail and washer	2123.669

58	LE CONTE	N.C.-TENN.	R. J. Neff
Book AV 1305 b	1/31/64	nec	1963
LINE 34 (Cont'd.)			
2 57	3.68	U.E., Smokemont, 0.6 mi SW. of, along U.S. Highway 441; about 55 ft SE. of 28-in. beech tree which stands 10 ft E. of rd.; 40 ft NE. of, and 6 ft lower than centerline of rd. opposite; on E. end of 20-ft outcrop extending into edge of Oconaluftee River; chiseled square	2144.713
WL = 2142 ft			
2 58	4.29	"D 57 1934" (USC&GS) This Elev. 2187.776 USC&GS Elev. 2187.758 Closure +.018	2187.776
2 59	4.56	"N 15 1928" (Described in line 7) This Elev. 2198.573 Prev. Elev. 2198.506 Closure +.067	2198.573
LINE 35.			
FROM CATALOOCHEE QUADRANGLE ALONG BLUE RIDGE PARKWAY WEST TO POINT NEAR JUNCTION OF U.S. HIGHWAY 441 AND BLUE RIDGE PARKWAY (By R. J. Neff, 1963; Book AV 1305 c)			
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 cut rock headwall; standard tablet stamped "48 RJN 1963 3785"	3785.077

NGVD 29
Elevations

59	LE CONTE	N.C.-TENN.	R. J. Neff
Book AB 1305 c	1/31/64	nec	1963
LINE 35 (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
3 45	9.38	U.E., 4.1 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; 90 ft W. of, and 12 ft lower than centerline of rd. at culvert; on N. end of cut rock headwall; chiseled square	3447.784
3 47	9.95	U.E., 3.5 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; 54 ft W. of, and 12 ft lower than centerline of rd. at culvert; on S. end of W. out rock headwall; chiseled square	3265.616
3 49	10.48	Soco Gap, 10.6 mi W. of; 3.0 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; near W. end of tunnel; 18 ft N. of, and 1 ft higher than centerline of rd. at culvert; in E. end of N. concrete gutter cover; standard tablet stamped "49 RJN 1963 3099"	3099.221

60	LE CONTE	N.C.-TENN.	R. J. Neff
Book AV 1305 c	1/31/64	nec	1963
LINE 35 (Cont'd.)			
3 50	10.48	Reference mark; 540 ft S. of tablet; on W. end of S. cut rock headwall of culvert; chiseled square	3094.670
3 52	11.01	U.E., 2.4 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; 30 ft S. of, and 3 ft lower than centerline of rd. at SW. end of tunnel; on E. base of concrete gutter cover; chiseled square	2904.554
3 54	11.52	U.E., 1.9 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; 30 ft SW. of, and 3 ft lower than centerline of rd. at culvert; on SE. end of SW. cut rock headwall; chiseled square	2730.999
3 56	12.07	U.E., 1.4 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; at Ballhoo Scar Overlook; 21 ft W. of, and 1 ft higher than centerline of rd. at culvert; on S. end of W. cut rock headwall; chiseled square	2555.781
3 58	12.46	U.E., 1.0 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; 0.2 mi E. of W. entrance to Raven Fork Overlook; 420 ft S. of, and 11 ft lower than centerline of rd. at culvert; on W. end of S. cut rock headwall; chiseled square	2435.248

61	LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 c	1/31/64	nec	1963	
<u>LINE 35 (Cont'd.)</u>				
3	60	13.91	U.E., 9.1 mi E. of junction of U.S. Highway 441, along Blue Ridge Parkway; 18 ft S. of, and 1 ft higher than centerline of rd. at W. end of cut; on rock outcrop; chiseled square	2286.919
3	63	13.82	U.E., copper nail and washer (Described in line 34)	2014.920
			This Elev. 2014.920 Prev. Elev. 2015.408 Closure -488	
3	64	14.22	"F 57 1934" (USC&GS)	1991.542
			This Elev. 1991.542 USC&GS Elev. 1992.056 Closure -514	

LINE 36.

FROM POINT 1.0 MILE SOUTH OF NEWFOUND GAP NORTH TO NEWFOUND GAP THENCE SOUTHEAST TO CLINGMANS DOME (By R..J. Neff, 1963; Books AV 1305 f,b)

6	17	0.00	"X 56 1934" (USC&GS)	4657.927
2	61	1.00	"1935" (USC&GS)	MEAN 5045.576
2	61	1.56	U.E., Newfound Gap, 0.6 mi W. of, along macadam rd.; 18 ft S. of, and 2 ft lower than centerline of rd.; on E. end of cut rock wall at S. edge of rd.; chiseled square	5100.700
2	62	2.00	U.E., Newfound Gap, 1.0 mi W. of, along macadam rd. to Clingmans Dome; 33 ft S. of and 5 ft higher than centerline of rd. at cut N.; on NE. corner post of concrete base of garbage can; chiseled square	5197.622

62	LE CONTE	N.C.-TENN.	R. J. Neff	
Books AV 1305 b,f	1/31/64	nec	1963	
<u>LINE 36 (Cont'd.)</u>				
2	63	2.48	U.E., Newfound Gap, 1.5 mi W. of, along macadam rd.; at Indian Gap; 57 ft NW. of, and 3 ft higher than centerline of rd. opposite E. end of grass traffic island; on top of W. corner post of garbage can base; chiseled square	5272.011
2	64	2.73	Newfound Gap, 1.7 mi W. of, along rd. to Clingmans Dome; 0.2 mi SW. of Indian Gap; 24 ft SE. of, and 1 ft higher than centerline of rd.; 24 ft N. of garbage can; in top of 3-ft rock outcrop flush with ground; standard tablet stamped "61 RJN 1963 5340"	5339.825
2	65	2.73	Reference mark; 24 ft N. of tablet; on NW. corner post of garbage can base; chiseled square	5341.961
2	67	3.19	U.E. Newfound Gap, 2.2 mi W. of, along macadam rd. to Clingmans Dome; 15 ft SE. of, and 1 ft higher than centerline of rd.; on NE. end of cut rock wall; chiseled square	5464.825
2	69	3.56	U.E., Newfound Gap, 2.6 mi W. of, along rd. to Clingmans Dome; 25 ft NW. of, and 1 ft lower than centerline of rd.; on NE. end of cut rock headwall of culvert; chiseled square	5567.302

63	LE CONTE	N.C.-TENN.	R. J. Neff	
Book AV 1305 b,f	1/31/64	nec	1963	
<u>LINE 36 (Cont'd.)</u>				
2	70	4.01	U.E., Newfound Gap, 3.0 mi SW. of, along rd. to Clingmans Dome; 57 ft SW. of 28-in. balsam tree; 45 ft NE. of 24-in. hardwood tree; 20 ft NW. of, and 1 ft higher than centerline of rd.; on 3-ft rock projecting 1-ft; chiseled square	5664.198
2	72	4.50	Newfound Gap, 3.5 mi W. of, along rd. to Clingmans Dome; 3.8 mi E. of parking lot at Clingmans Dome; 36 ft E. of W. end of rock wall; 15 ft S. of, and 2 ft higher than centerline of rd.; in top of cut rock wall; standard tablet stamped "62 RJN 1963 5800"	5799.747
6	19	4.96	U.E., Clingmans Dome, 3.3 mi E. of parking area; 20 ft W. of, and 1 ft higher than centerline of rd.; on ledge near bottom of large black outcrop; chiseled square	5938.047
6	21	5.43	U.E., Clingmans Dome, 2.9 mi E. of parking area; 20 ft N. of, and 3 ft higher than centerline of rd.; 42 ft NW. of 28-in. balsam tree S. of rd.; on rock outcrop; chiseled square	5848.021

64	LE CONTE	N.C.-TENN.	R. J. Neff	
Books AV 1305 b,f	2/3/64	nec	1963	
<u>LINE 36 (Cont'd.)</u>				
6	23	5.92	U.E., Clingmans Dome, 2.4 mi E. of parking area; 60 ft S. of, and 2 ft higher than centerline of rd. at pull-off S. of rd.; on N. corner post of concrete garbage can base; chiseled square	5722.796
6	24	6.34	Clingmans Dome, 2.0 mi E. of parking area; 5.3 mi W. of Newfound Gap; 150 ft E. of curve; 100 ft E. of garbage can; 45 ft S. of, and 2 ft higher than centerline of rd. at E. edge of pull-off S. of rd.; in large black outcrop; standard tablet stamped "63 RJN 1963 5800"	5799.696
6	25	6.34	Reference mark; 100 ft W. of tablet; on NE. corner post of garbage can base; chiseled square	5806.988
6	27	6.84	U.E., Clingmans Dome, 1.5 mi E. of parking lot; 27 ft W. of garbage can; 33 ft N. of, and 2 ft higher than centerline of rd.; on W. end of N. cut rock headwall of culvert; chiseled square	5962.619
6	29	7.38	U.E., Clingmans Dome, 0.9 mi E. of parking lot; 18 ft N. of, and level with centerline of rd.; on W. end of N. cut rock headwall of culvert; chiseled square	6098.060

65		LE CONTE	N.C.-TENN.	R. J. Neff
Books AV 1305 b,f		2/3/64	nec	1963
<u>LINE 36 (Cont'd.)</u>				
6	31	7.88	U.E., Clingmans Dome, 0.4 mi E. of parking lot; 16 ft N. of, and 1 ft lower than centerline of rd.; on W. end of N. cut rock headwall of culvert; chiseled square	6230.237
6	33	8.29	Reference mark; 9 ft S. of tablet; on top of 3-ft boulder; chiseled square	6311.246
6	33	8.29	Clingmans Dome, 0.5 mi S. of, along maoadam walkway to parking lot; 7.3 mi W. of Newfound Gap; near large point of rocks at E. edge of walkway to Dome; in top of boulder, 1-ft higher than walkway; standard tablet stamped "64 RJN 1963 6311"	6310.873
6	37	8.82	U.E., Clingmans Dome; at NW. end of concrete bannister at base of ramp to Dome; 16 ft SE. of, and 2 ft higher than circular entrance to ramp; directly under steel hand bannister; on concrete slab top of circular bench; chiseled square	6642.742
6	39	9.15	U.E., trail forks; Appalachian Trail and horse trail SE.	6521.525
6	40	9.24	U.E., Picture Point, 220 C	6574.568
6	43	9.53	U.E., Clingmans Dome, 0.7 mi W. of, along Appalachian Trail; 200 ft E. of saddle; 31 ft W. of 6-in. balsam tree 12 ft N. of trail; on top of triangular point of second of 3 large rocks at N. edge of trail	6264.352

67		LE CONTE	N.C.-TENN.	R. J. Neff
Books AV 1305 d,e,f		2/3/64	nec	1963
<u>LINE 37 (Cont'd.)</u>				
4	65	6.26	U.E., centerline of Appalachian Trail at dim trail to summit of Mount Guyot	6197.883
4	67	6.80	U.E., 0.5 mi W. of junction of Appalachian Trail and dim trail to Mount Guyot; 150 ft W. of spring; at S. edge of, and 3 ft higher than trail; on 4-ft grey boulder; chiseled square	6305.470
4	70	7.52	U.E., Tricorner Knob, 5.6 mi N. of, along Appalachian Trail; 220 ft NW. of point where trail leaves the divide; in root of 28-in. pine tree at S. edge of trail; copper nail and washer	6039.673
4	73	8.14	Tricorner Knob, 170 ft E. of junction of Appalachian Trail and Balsam Trail; in boulder at N. edge of Balsam Trail; standard tablet stamped "54 RJN 1963 5960"	5959.912
4	7	8.14	Reference mark; 160 ft W. of tablet; 8 ft E. of trail forks; in root on W. side of pine tree; copper nail and washer	5962.367
4	76	8.61	U.E., Tricorner Knob, 0.5 mi W. of, along Appalachian Trail; near W. end of gradual slope; near E. end of steep slope in trail; in root of birch tree with knarled root system above ground; copper nail and washer	5957.365

66		LE CONTE	N.C.-TENN.	R. J. Neff
Books AV 1305 b,f		2/3/64	nec	1963
<u>LINE 36 (Cont'd.)</u>				
6	44	9.57	U.E., trail at gap; saddle is N. of trail and higher	6222.318
6	46	9.85	U.E., Picture Point, 220 A; trail at top	6215.493
6	47	9.91	U.E., Clingmans Dome, 1.1 mi W. of, along Appalachian Trail; 200 ft W. of trail at timberline S.; 40 ft E. of curve in trail; on N. end of rock outcrop in trail; chiseled square	6167.925
<u>LINE 37.</u>				
FROM CATALOOCHKEE QUADRANGLE ALONG APPALACHIAN TRAIL SOUTHEAST TO NEWFOUND GAP (By R. J. Neff, 1963; Books AV 1305 d,e,f)				
4	57	4.65	U.E., 0.2 mi W. of junction of Snake Den Trail, along Appalachian Trail; 20 ft W. of, and 3 ft higher than trail at top; at S. edge of trail; on rock outcrop; chiseled square	5917.752
4	60	5.17	U.E., 0.7 mi W. of junction of Snake Den Trail, along Appalachian Trail; at cut on N. edge of trail; on rock ledge 1-ft higher than trail; 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

NGVD 29
Elevations

68		LE CONTE	N.C.-TENN.	R. J. Neff
Book AV 1305 d,e,f		2/3/64	nec	1963
<u>LINE 37 (Cont'd.)</u>				
5	4	9.05	U.E., Tricorner Knob, 0.9 mi W. of, along Appalachian Trail; about 320 ft W. of point where trail tops the divide; near W. end of rock outcrop on divide; 4 ft N. of, and 2 ft higher than trail; chiseled square	6202.097
5	7	9.55	U.E., Tricorner Knob, 1.4 mi W. of, along Appalachian Trail; 30 ft E. of wild cherry tree bearing a survey marker tag; at S. edge of trail on grey boulder; chiseled square	6017.681
5	10	10.06	U.E., Tricorner Knob, 2.0 mi W. of, along Appalachian Trail; 175 ft W. of saddle; in root on S. side of birch tree, 3 ft N. of trail; copper nail and washer	5859.334
5	12	10.37	Reference mark; 13 ft N. of tablet; in center of Appalachian Trail; on rock outcrop; chiseled square	6001.620
5	13	10.37	Tricorner Knob, 2.2 mi W. of, along Appalachian Trail; 13 ft S. of trail at crest of hill; 8 ft SE. of 6-in. pine tree bearing survey marker sign; in rock outcrop; standard tablet stamped "55 RJN 1963 6003"	6003.167

LE CONTE		N.C.-TENN.	R. J. Neff
Book AV 1305 d,e,f 2/3/64 nec			1963
<u>LINE 37 (Cont'd.)</u>			
5 16	10.87	U.E., Tricorner Knob, 2.7 mi W. of, along Appalachian Trail; 30 ft SE. of pine tree at curve; on rock outcrop; chiseled square	5945.177
5 20	11.34	U.E., Tricorner Knob, 3.2 mi W. of, along Appalachian Trail; in root on W. side of large balsam tree at E. edge of, and 3 ft higher than trail; copper nail and washer	5601.669
5 24	11.82	U.E., Eagle Rocks, 0.5 mi E. of, along Appalachian Trail; 3.7 mi W. of Tricorner Knob; in root on NW. side of 30-in. balsam tree; on S. side of trail at curve; copper nail and washer	5698.888
5 26	12.27	Eagle Rocks, 4.1 mi W. of Tricorner Knob, along Appalachian Trail; 0.9 mi E. of junction of Appalachian Trail and trail to Pecks Corner Shelter; in largest of several rock outcrops at N. edge of trail; standard tablet stamped "56 RJN 1963 5849"	5848.831
5 29	12.87	U.E., 0.3 mi E. of junction of trail S. to Pecks Corner Shelter, along the Appalachian Trail; in root on N. side of 2 ft birch tree at S. edge of, and 2 ft higher than trail; copper nail and washer	5644.394

LE CONTE		N.C.-TENN.	R. J. Neff
Book AV 1305 d,e,f 2/3/64 nec			1963
<u>LINE 37 (Cont'd.)</u>			
5 49	16.28	Newfound Gap, 6.8 mi NE. of, along the Appalachian Trail; about 200 ft SW. of top of hill; 9 ft SE. of 6-in. wild cherry tree bearing a metal witness tag; at S. edge of, and 3 ft higher than trail; in rock outcrop; standard tablet stamped "58 RJN 1963 5532"	5530.618
5 53	16.70	U.E., Newfound Gap, 6.4 mi NE. of, along the Appalachian Trail; 35 ft N. of, and 5 ft higher than gap and junction of Appalachian Trail and trail W. to False Gap Shelter; 5 ft W. of trail; 3 ft E. of 16-in. birch tree; in root; copper nail and washer	5237.548
5 56	17.32	U.E., Newfound Gap, 5.8 mi NE. of, along the Appalachian Trail; 180 ft S. of saddle; 3 ft E. of, and 1 ft higher than trail; in root of 28-in. balsam tree, 3 ft W. of trunk; copper nail and washer	5439.923
5 58	17.60	U.E., Newfound Gap, 5.5 mi NE. of, along the Appalachian Trail; 10 ft E. of, and 2 ft higher than centerline of trail at sharp curve; 8 ft S. of 10-in. balsam tree bearing metal witness tag; on rock outcrop; chiseled square	5513.707

LE CONTE		N.C.-TENN.	R. J. Neff
Book AV 1305 d,e,f 2/3/64 nec			1963
<u>LINE 37 (Cont'd.)</u>			
5 31	13.13	U.E., trail at trail S. to Pecks Corner; Picture Point 113 A substitute	5547.731
5 32	13.60	U.E., about 0.5 mi W. of junction of trail SW. to Pecks Corner Shelter, along the Appalachian Trail; at sharp curve in trail; 3 ft N. of, and 2 ft higher than centerline of trail at curve; 2 ft W. of 28-in. balsam tree; in root; copper nail and washer	5423.295
5 37	14.34	Newfound Gap, 8.8 mi NE. of, along the Appalachian Trail; 2.1 mi W. of Eagle Rocks; at crest of hill near W. end of large rock outcrop; 4 ft SW. of, and 4 ft higher than trail opposite; in rock outcrop; standard tablet stamped "57 RJN 1963 5487"	5486.580
5 40	14.89	U.E., Newfound Gap, 8.2 mi NE. of, along the Appalachian Trail; 5 ft S. of 6-in. wild cherry tree bearing survey marker tag; 3 ft S. of, and 2 ft higher than centerline of trail at small top; on white quartz outcrop; chiseled square	5606.745
5 41	14.96	U.E., Picture Point, 1 76 A; saddle	5567.912
5 47	15.91	U.E., Newfound Gap, 7.2 mi NE. of, along the Appalachian Trail; 40 ft SW. of, and 5 ft higher than saddle picked as PP. 1 112 C; at NW. edge of, and about 1 ft higher than trail; on rock outcrop; chiseled square	5530.591

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<u>LINE 37 (Cont'd.)</u>			
5 63	18.36	Newfound Gap, 4.7 mi NE. of, along the Appalachian Trail; 0.4 mi W. of Dry Sluice Gap; 90 ft W. of 28-in. balsam tree at S. edge of trail at curve; 14 ft NE. of 16-in. balsam tree bearing metal witness tag; 5 ft N. of, and 2 ft higher than trail; in shale outcrop; standard tablet stamped "59 RJN 1963 5381"	5381.285
5 66	18.74	"TT STA NO 4 D 1928" (Described in line 7) This Elev. 5375.961 Prev. Elev. 5375.622 Closure +.339	5375.961
5 68	19.19	U.E., Appalachian Trail; at junction of westernmost trail to Charlies Bunion	5333.101
5 72	19.83	U.E., Newfound Gap, 3.3 mi NE. of, along the Appalachian Trail; 0.3 mi E. of Ice Water Spring Shelter; 11 ft E. of 6-in. balsam tree bearing metal witness tag; 6 ft SW. of, and 2 ft higher than trail at drain crossing; at SE. edge of trail on white quartz outcrop; chiseled square	5709.084
6 75	20.19	Newfound Gap, 2.9 mi NE. of, along the Appalachian Trail; about 0.1 mi W. of new Ice Water Spring Shelter; 3 ft N. of, and 2 ft higher than trail; in rock outcrop; standard tablet stamped "60 RJN 1963 5963"	5963.127

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LINE 37 (Cont'd.)

5	76	20.40	U.E., at junction of Appalachian Trail and Le Conte Trail; on rock buried in trail forks; chiseled square	6033.839
5	78	20.84	U.E., Newfound Gap, 2.2 mi E. of, along the Appalachian Trail; 0.4 mi W. of junction of trail N. to Mt. Le Conte; on N. side of trail and 1 ft higher than centerline of trail; in root of 18-in. balsam tree; copper nail and washer	5998.342
6	3	21.38	U.E., Newfound Gap, 1.7 mi NE. of, along the Appalachian Trail; at junction of Appalachian Trail and Sweat Heifer Trail; in centerline of trail forks on rock outcrop; chiseled square	5834.129
6	9	22.37	U.E., Newfound Gap, 0.7 mi NE. of, along the Appalachian Trail; 20 ft S. of sharp bend in trail; on rock outcrop at E. edge of, and 1 ft higher than trail; chiseled square	5371.350
6	13	23.08	"1935" (USC&GS) This Elev. 5044.978 USC&GS Elev. 5045.576 MEAN Closure - .598	5044.978

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LINE 38.

FROM JUNCTION OF U.S. HIGHWAY 441 AND BLUE RIDGE PARKWAY ALONG ROADS NORTHEAST INTO CATALOOCHEE QUADRANGLE (By R. J. Neff, 1963; Book AV 1305 h)

8	2	0.00	U.E., copper nail and washer (Also in line 35)	2014.920
8	2	0.53	U.E., Ravensford, 0.5 mi NE. of, along Big Cove Road; 1 ft higher than centerline of rd. at timberline NW.; 35 ft W. of rd. on northernmost of four boulders; chiseled square	2023.935
8	3	0.97	U.E., Ravensford, 1.0 mi NE. of, along Big Cove Road; on N. end of E. concrete wheel-guard of bridge over Raven Fork; chiseled square	2042.587
			ML = 2031 ft	
8	4	1.58	Reference mark; 140 ft S. of tablet; at crest of hill; 30 ft E. of centerline on large boulder; chiseled square	2088.204
8	5	1.58	Ravensford, 1.5 mi NE. of, along Big Cove Road; 1.5 mi NE. of overpass at Blue Ridge Parkway; 32 ft E. of, and level with rd.; about 40 ft W. of creek; in N. end of 12- by 5-ft rock outcrop; standard tablet stamped "72 RJN 1963 2079"	2079.031

NGVD 29
 Elevations

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LINE 38 (Cont'd.)

8	6	2.08	U.E., Ravensford, 2.1 mi NE. of, along Big Cove Road; 17 ft N. of, and level with centerline of rd. at W. end of cut; on rock outcrop opposite pull-off S. of rd.; chiseled square	2150.681
8	8	2.81	U.E., Ravensford, 2.8 mi NE. of, along Big Cove Road; on SE. corner of bottom step at entrance to Sequoyah Church; chiseled square	2176.762
8	9	3.42	U.E., Ravensford, 3.4 mi NE. of, along Big Cove Road; in centerline of rd. at drive W. to white house on bank; copper nail and washer	2197.490
8	10	4.07	Reference mark; 75 ft W. of tablet; on N. side of rd.; on rock outcrop; chiseled square	2228.192
8	11	4.07	Ravensford, 4.1 mi NE. of, along Big Cove Road; 330 ft SE. of drive NE.; 25 ft NE. of, and 3 ft higher than centerline of rd. at curve; in rock outcrop at out; standard tablet stamped "73 RJN 1963 2231"	2231.306
8	12	4.60	U.E., Ravensford, 4.6 mi NE. of, along Big Cove Road; in centerline of rd. at drive W. to red house; copper nail and washer	2238.608

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LINE 38 (Cont'd.)

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 pull-off 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	6.12	Reference mark; 48 ft N. of tablet; on rock outcrop at N. side of rd.; chiseled square	2326.105
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

1963

LINE 38 (Cont'd.)

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 driveway to Big Cove Mission; on rock under Mission sign; chiseled square	2416.963
8	20	8.17	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	
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