

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

16

34-078-34
CHADBOURN QUADRANGLE
NORTH CAROLINA
N3415-W7845/15
DIAGRAM NI 17-6
FLORENCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Columbus, Bladen and Robeson
Counties, North Carolina

Final adjustment of 1951

Edition of 6/25/74

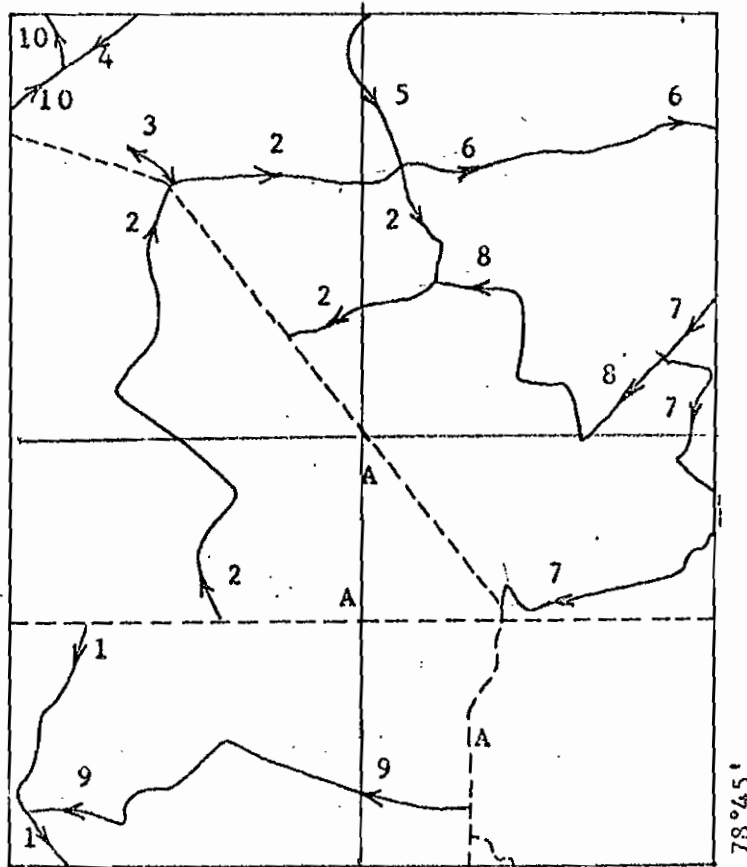
PR: WSM/sws

NGVD 29
Elevations

BLADENBORO
(29)

FAIR BLUFF
(17 N.C.-97 S.C.)

WHITEVILLE
(15)



34°15'

TABOR CITY
(9 N.C.-80 S.C.)

NGS (USCGS) VERTICAL CONTROL DATA

A. Quadrangle 340783

110

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NGVD 29
Elevations

1951

LINE 1.

Feet

By J. J. Spahr, 1951; Book AV 250

"B 53 1933" (NGS)

84.970

Fair Bluff, 3.0 mi SE. of, at Hansons Crossroads; 77 ft S. of SE. corner of Hanson Church; 22 ft NW. of center of rd.; 18 ft E. of electric pole; in concrete post; standard tablet stamped "52 JJS 1951 107" ✓

107.280 ^{32.699}

Reference mark, 90 ft N. of tablet; on SE. corner of first step to church; chiseled square

107.38

Fair Bluff, 3.7 mi SE. of, along State Highway 904; 3.0 mi NW. of Cherry Grove; 2.6 mi S. of Hansons Crossroads; 51 ft E. of center of highway; 16 ft NE. of 2-ft pine tree; in concrete post; standard tablet stamped "53 JJS 1951 107" (Reported destroyed, 1953)

106.408 ^{32.432}

Reference mark, 16 ft SW. of tablet; 54 ft SE. of center of intersection with highway; in root on NW. side of 1-ft pine tree; copper nail and washer

105.33

LINE 2.

By J. J. Spahr, 1951; Book AV 256

NGVD 29
Elevations

"D 53 1933" (NGS)

96.657

Cerro Gordo, 2.0 mi N. of post office, along State Highway 242; 1.2 mi S. of Williamson Crossroads; in E. concrete wingwall of concrete bridge over Porters Swamp; standard tablet stamped "75 JJS 1951 79" ✓

78.892 ^{29.0463}

Reference mark, 130 ft SW. of tablet; on S. corner of concrete bridge; chiseled square

79.67

Williamson Crossroads, 3.1 mi N. of Cerro Gordo; 68 ft NE. of crossroad; 24 ft E. of center of State Highway 242; in concrete post; NGS standard triangulation reference disk stamped "WILLIAMSON NO 1 1933" ✓

95.849 ^{32.1148}

U.E., Williamson Crossroads, 1.0 mi N. of; 24 ft E. of junction with T-rd. NE.; on SE. end of 2 ft concrete pipe culvert; chiseled square

90.40

Williamson Crossroads, 2.2 mi NW. of, 5.7 mi S. of Boardman; 42 ft S. of and level with junction with NW.-SE. rd.; 24 ft SW. of center of NW.-SE. rd.; 3 ft NE. of corner fencepost; in concrete post; standard tablet stamped "76 JJS 1951 83" ✓

83.038 ^{25.31003}

LINE 2 (Cont'd.)Feet

Reference mark, 110 ft S. of tablet; in SW. base of electric pole; spike

82.79

Boardman, 3.0 mi S. of post office; 3.8 mi NNW. of Williamson Crossroads; 33 ft NE. of, and level with center of dim rd. E.; at turn in main rd.; 11 ft N. of center of E.-W. rd.; in concrete post; standard tablet stamped "77 JJS 1951 87" (Destroyed, 1953)

87.138 ^{6.5597}

Reference mark, 250 ft W. of tablet; in E. base of 2-ft. pine tree; spike

87.09

Boardman, in village of; 3.6 mi NW. of Evergreen; 51 ft S. of; and 1 ft lower than center of intersection with State Highway 130; 42 ft N. of NW. corner of Horace Grove Baptist Church; 24 ft SW. of center of highway; in concrete post; standard tablet stamped "78 JJS 1951 90" ✓

89.718 ³⁴⁰⁷⁸³ _{37.3461}

Reference mark, 60 ft N. of tablet; on NW. corner of first step to church entrance; chiseled square

88.83

"K 30 1932" (NGS)

93.970

Boardman, 2.2 mi E. of; 3.0 mi N. of Evergreen; 39 ft NE. of intersection with State Highway 242; 21 ft N. of center of highway; in concrete post; NGS standard azimuth disk stamped "FIELDS NO 1 1933"

101.512 ³⁴⁰⁷⁸³ _{30.9409}

Piney Forest Crossroads, 5.0 mi E. of Boardman; 110 ft N. of; and 1 ft higher than center of intersection with State Highway 242; 36 ft NW. of center of highway; 2 ft SE. of electric pole; in concrete post; standard tablet stamped "88 JJS 1951 109" ✓

108.629 ³⁴⁰⁷⁸³ _{33.11018}

~~Lennons Crossroads~~
Lennons Crossroads, 3.9 mi S. of; 3.0 mi E. of Evergreen; 54 ft SW. of, and 2 ft higher than junction with rd. N.; 30 ft S. of center of highway; 5 ft NE. of electric pole; in concrete post; standard tablet stamped "80 JJS 1951 108" ✓

108.001 ³⁴⁰⁷⁸³ _{32.11877}

Reference mark, 71 ft N. of tablet; in SE. base of telephone pole; spike

109.35

Evergreen, 0.7 mi E. of post office; 6.5 mi SW. of Lennons Crossroads; 46 ft NW. of NW. corner of Evergreen Methodist Church; 5 ft N. of telephone pole; in concrete post; standard tablet stamped "81 JJS 1951 101" ✓

100.818 ³⁴⁰⁷⁸³ _{30.12978}

Reference mark, 60 ft E. of tablet; on E. end of first step at entrance of church; chiseled square

101.38

"F 30 1932" (NGS)

108.405

1951

LINE 3.

Feet

By J. J. Spahr, 1951; Book AV 256

Boardman, 0.7 mi E. of post office; at Lumber River Highway Bridge;
on SW. corner of concrete base of water gaging station tower; in
concrete apron at well door; gaging station tablet NO 6 ✓

82.989 25,295.09

Reference mark, on NW. concrete wingwall of highway bridge; chiseled
square

89.34

LINE 4.

By J. J. Spahr, 1951; Book AV 256

ORRUM

Orrum, 2.8 mi NE. of, along dirt rd. to intersection with U. S. Highway
74, thence SE. along U. S. Highway 74 0.8 mi to curve in highway to
W. and white house on W. side; 18 ft E. of center of U. S. Highway
74; 45 ft N. of driveway to white house; 27 ft SSW. of 4-in. tree;
in concrete post projecting 0.3 ft above surface; U. S. C. E.
standard cap stamped "30 NC-1/CE #38/3 TT-A-102/1943" ✓

?

LINE 5.

NGVD 29
Elevations

By J. J. Spahr, 1951; Book AV 256

Allenton, 4.9 mi SE. of railroad crossing; 4.3 mi N. of Lenmons Cross-
roads; 30 ft W. of, and level with junction with T-woods rd. SW.;
24 ft SW. of center of main rd.; in concrete post; standard tablet
stamped "86 JJS 1951 94"

94.265 28,732.0

Reference mark, 15 ft NW. of tablet; in E. base of 1-ft pine tree;
spike

95.33

LEONARDS *LENNONS*
~~Lenmons~~ Crossroads, 1.4 mi N. of, 60 ft S. of and level with junction
with Y-rd. SE. to logging camp and sawmill; 19 ft W. of center of
main rd.; 6 ft N. of 2-ft pine tree; in concrete post; standard
tablet stamped "87 JJS 1951 90" ✓

90.308 27,775.9

Lenmons Crossroads Baptist Church, 47 ft SW. of S. corner of church;
6 ft NW. of center of NE.-SW. walk in front of church; 3 ft NE.
of low concrete wall; in concrete post; standard tablet stamped
"103 JJS 1951 109" ✓

109.678 23,429.9

Reference mark, 4 ft S. of tablet; at N. corner of W. end of E.-W.
concrete walk in front of church; chiseled square

109.50

Reference mark to tablet stamped "88 JJS 1951 109" (Described in
line 2)

107.05

1951

LINE 6.

Feet

By J. J. Spahr, 1951; Book AV 256

"88 JJS 1951 109" (Described in line 2)

108.629

Reference mark; chiseled square (Described in line 2) (Also in line 5)

107.05

Piney Forest Crossroads, 2.2 mi E. of, at Williams Crossroads; 51 ft. SE. of center of intersection with State Highway 401; 39 ft E. of center of highway; in concrete post; standard tablet stamped "89 JJS 1951" ✓

340783

120.014 365803

Reference mark, 21 ft W. of tablet; 54 ft SE. of intersection; on center of E. concrete headwall of culvert; chiseled square

117.42

Williams Crossroads, 2.4 mi E. of, along State Highway 410; 42 ft SE. of and 3 ft higher than junction with Y-rd. SE.; 33 ft S. of center of E.-W. rd.; 12 ft SSE. of 2-ft oak tree; in concrete post; standard tablet stamped "90 JJS 1951 123" (Destroyed, 1952)

122.281 372713

Reference mark, 12 ft N. of tablet; in root on SW. side of 2-ft oak tree; copper nail and washer

122.14

Clarkton, 5.4 mi SW. of post office; 5.1 mi E. of Williams Crossroads; 42 ft SE. of center of N.-S. rd.; 27 ft S. of level with center of E. W. rd.; 2 ft N. of NW. corner of log tobacco barn; in concrete post; standard tablet stamped "91 JJS 1951 95" ✓

340787

94.885 229210

Reference mark, 110 ft NW. of tablet; in SE. base of electric pole; spike

94.51

NGVD 29
Elevations

LINE 7.

By J. J. Spahr, 1951; Book AV 256

Western Prong Baptist Church, 2.8 mi SW. of, along Clarkton-Chadbourn Road; 6.0 mi NW. of Whiteville; 76 ft S. of center of intersection with E.-W. paved rd.; 27 ft SE. of center of NE.-SW. rd.; 3 ft W. of electric pole; in concrete post; standard tablet stamped "96 JJS 1951 106" ✓

340783

105.710 372204

Reference mark, 73 ft N. of tablet; in root on NW. side of 3-ft oak tree; copper nail and washer

105.65

/Jogs into Whiteville quadrangle/

LINE 7 (Cont'd.)Feet

Union Valley Baptist Church, 1.9 mi SW. of; 3.3 mi W. of county courthouse at Whiteville, along U. S. Highway 74; 42 ft E. of NE. corner of Pridden Grocery; 103 ft SE. of center of intersection with U. S. Highway 74; 30 ft SW. of center of highway; 7 ft S. of highway; 7 ft S. of telephone pole; in concrete post; standard tablet stamped "98 JJS 1951 100" ✓

340783
99.889^{30.4462}

Reference mark, 130 ft NE. of tablet; in W. base of electric pole; spike

100.92

Chadbourn, 1.7 mi E. of, along Atlantic Coast Line Railroad; 4.4 mi W. of Whiteville; 66 ft W. of milepost C295; 54 ft W. of center of intersection with rd. N.; 25 ft S. of S. rail; 3 ft NE. of telephone pole; in concrete post; standard tablet stamped "99 JJS 1951 94" ✓

340783
93.716^{28.5666}

Reference mark, 4 ft W. of tablet; in W. base of telephone pole; spike

93.25

"B 30 1932" (NGS) (Destroyed, 1952)

97.867

LINE 8.

By J. J. Spahr, 1951; Book AV 256

"96 JJS 1951 106" (Described in line 7)

105.710

Western Prong Baptist Church, 4.7 mi SW. of; 6.0 mi NW. of Whiteville; 120 ft S. of S. corner of Smyrna Baptist Church; 45 ft S. of and 3 ft higher than junction with paved rd. SE. to Whiteville; 27 ft SW. of center of NW.-SE. rd.; 9 ft SE. of electric pole; in concrete post; standard tablet stamped "100 JJS 1951 102" ✓

340783
102.426^{31.0195}

Reference mark, 120 ft N. of tablet; on NE. corner of first concrete step to church; chiseled square

102.06

Whiteville, 6.0 mi NW. of county courthouse; at Smyrna Church; thence 0.5 mi SW.; thence 1.7 mi NNW. to Y-junction; 1.0 mi NE. of State Highway 410; 76 ft W. of, and level with junction with rd. SW.; 66 ft NW. of center of N.-S. rd.; 4 ft E. of SE. corner of school building; in concrete post; standard tablet stamped "101 JJS 1951 92" ✓

340783
91.972^{28.0331}

Reference mark, 18 ft NE. of tablet; in root on E. side of 3-ft oak tree; copper nail and washer

92.27

LINE 8 (Cont'd.)Feet

Evergreen, 4.4 mi E. of, at Oak Dale Baptist Church, about 200 ft WNW. of intersection with State Highway 410; 72 ft SE. of SE. corner of church; 35 ft N. of E.-W. highway; 140 ft E. of center of drive N. to church; 4 ft S. of electric pole; in concrete post; standard tablet stamped "102 JJS 1951 119" ✓

340783
119.110 36.3.18

Reference mark, 90 ft N. of tablet; on W. end of first step to church; chiseled square

120.46

"80 JJS 1951 108" (Described in line 2)

108.001

LINE 9.

By J. J. Spahr, 1951; Book AV 250

"H 53 1933" (NGS)

108.372

Wards; 1.2 mi W. of Atlantic Coast Line Railroad crossing; 7.6 mi SE. of Hansons Crossroads; 54 ft SW. of and level with center of N.-S. crossroad; 33 ft S. of center of E.-W. rd.; 3 ft S. of electric pole; in concrete post; standard tablet stamped "71 JJS 1951 104"

340783
103.154 31.4.14

Reference mark, 3 ft N. of tablet; in N. base of electric pole; spike

103.55

Wards, 3.2 mi WNW. of railroad crossing; 4.2 mi NE. of Cherry Grove to crossroads, thence 2.0 mi SW. to T-rd. W.; 30 ft NW. of, and 1 ft higher than junction with T-rd. W.; 24 ft W. of center of N.-S. rd.; in concrete post; standard tablet stamped "72 JJS 1951" ✓

340783
106.490 32.4.52

Reference mark, 32 ft S. of tablet; on S. end of W. concrete pipe culvert; chiseled square

103.65

Wards, 5.2 mi WNW. of railroad crossing; 4.2 mi NE. of Cherry Grove; 60 ft E. of and level with intersection with NE.-SW. rd.; 27 ft NE. of center of E.-W. rd.; 4 ft W. of electric pole; in concrete post; standard tablet stamped "73 JJS 1951 112" ✓

340783
112.416 31.2.44

Reference mark, 5 ft SW. of tablet; in S. base of electric pole; spike

113.46

U.E., Cherry Grove, 3.2 mi NE. of; 66 ft NE. of junction with rd. N.; on NE. end of 2 ft concrete pipe culvert; chiseled square

104.69

Cherry Grove, 1.6 mi N. of crossing; 4.6 mi SW. of Cerro Gordo; 60 ft NW. of, and 4 ft lower than junction with rd. W.; 19 ft N. of center of E.-W. rd.; 15 ft S. of electric pole; in concrete post; standard tablet stamped "74 JJS 1951 97" ✓

97.260 29.1.19

CHADBOURN QUADRANGLE
Book AV 520

16 NORTH CAROLINA

W. D. Leech

34-078-34

9

1956

LINE 10.

Feet

By W. D. Leech, 1956; Book AV 520

Orrum, 2.5 mi NE. of; at Mt. Elm Church; in line with center of church;
40 ft NW. of rd.; in concrete post level with ground; standard
tablet stamped "217 WDL 1956 123"

123.019 37.4962

NGVD 29
Elevations