

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-078-13
WHITE LAKE QUADRANGLE
27 NORTH CAROLINA
N3430-W7815/15
DIAGRAM NI 17-6
FLORENCE

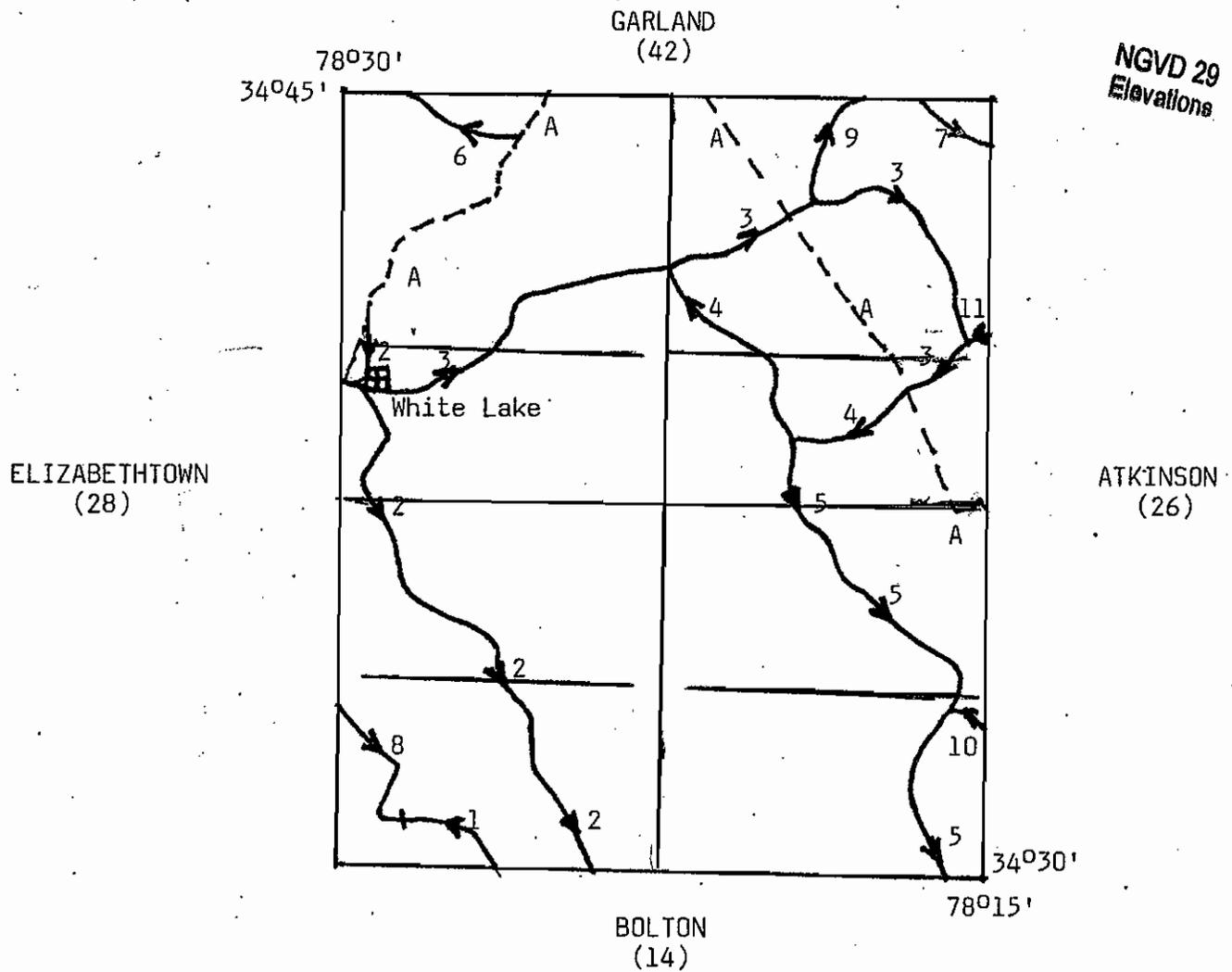
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bladen and Sampson Counties,
North Carolina

Adjustment of 1981

Edition of 12/2/81

PR: CRV/lac



NGS (USC&GS) VERTICAL CONTROL DATA

Quadrangle 340781

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LINE 1.

By J. J. Spahr, 1951; Book AV 274

Carvers Crossroads, 4.4 mi NW. of, along State Highway 87; 4.1 mi E. of Lisbon; about 200 ft SE. of Mount Horeb Church; 99 ft NW. of, and 2 ft higher than center of Y-jct. with rd. west; 54 ft N. of east-west rd.; 4 ft NW. of Mount Horeb signpost; in concrete post; standard tablet stamped "128 JJS 1951 RESET 1962"
(Elevation lost during reset in 1962)

Lisbon, 2.4 mi E. of, along dirt rd. to jct. with good dirt rd. northeast, thence 0.4 mi northeast along dirt rd. to old sawmill site; 20 ft W. of center of main dirt rd.; 10 ft NNE. of center of narrow rd. to sawmill and opposite power pole 1822; in concrete post projecting 0.3 ft above surface; U.S.C.E. capped iron pipe stamped "30 NC 1/CE #44/3 TT A 123/1943"
ELEV 112.317 feet

LINE 2.

By J. J. Spahr, 1951; Book AV 274

"Y 81 1935" (NGS) 73.845 feet
"X 81 1935" (NGS) 89.357 feet

White Lake, at south end of; 63 ft E. of, and 1 ft lower than center of Y-jct. of rd. to east side of lake and State Highway 53; 51 ft NE. of center of hwy.; 5 ft SW. of electric pole; in concrete post; standard tablet stamped "129 JJS 1951 71"
71.512 feet

White Lake, 2.3 mi SE. of jct. of rd. to east side of White Lake and State Highway 53; 42 ft W. of center of Y-jct. with rd. southwest; 27 ft N. of center of dirt rd.; 12 ft NE. of electric pole; in concrete post; standard tablet stamped "130 JJS 1951 66"
65.870 feet

Singletary Lake Department of Conservation Group Camp, 4.0 mi SE. of south end of White Lake, along State Highway 53; 63 ft NE. of and level with jct. with rd. southwest and northeast entrance rd. to camp 36 ft N. of center of highway; 3 ft S. of Department of Conservation sign; in concrete post; standard tablet stamped "131 JJS 1951 65"
64.630 feet

Reference mark, 300 ft W. of tablet; on center of south concrete headwall of culvert; chiseled square
63.48 feet

Lagoon, 850 ft SE. of post office, along State Highway 53; 2.6 mi NW. of Lagoon Fire Tower; 80 ft N. of, and level with T-jct. with rd. southwest; 37 ft NE of center of highway; 10 ft SW. of telephone pole; in concrete post; standard tablet stamped "132 JJS 1951 54"
53.960 feet

LINE 2 (Cont'd)

Lagoon, 2.6 mi SE. of post office, along State Highway 53; 155 ft W. of Lagoon Fire Tower; 63 ft NE. of, and 3 ft higher than jct. with tower drive east; 39 ft E. of center of highway; between telephone pole and State Warden sign; in concrete post; standard tablet stamped "133 JJS 1951 47" ELEV 47.325 feet

Lagoon, 4.6 mi SE. of post office, along State Highway 53; 3.4 mi NW. of jct. with T-rd. west to Carvers Crossroads; 51 ft S. of, and level with intersection with east-west woods rd.; 33 ft SW. of center of highway; 6 ft NE. of pine tree; in concrete post; standard tablet stamped "134 JJS 1951 41" 40.926 feet

LINE 3.

By J. J. Spahr, 1951; Book AV 274

"X 81 1935" (NGS) 89.357 feet

White Lake, 1.7 mi NE. of jct. of U. S. 701 and State Highway 41; 180 ft NNW. of, and level with jct. with rd. north; 50 ft NW. of center of State Highway 41; 49 ft SW. of electric pole; between two highway right-of-way concrete markers; in concrete post; standard tablet stamped "137 JJS 1951 64" DEST 72 63.679 feet

Reference mark, about 0.2 mi W. of tablet; on west end of south concrete guard rail of bridge over Little Colly Creek; chiseled square 61.27 feet

White Lake, 4.1 mi NE. of; 6.7 mi SW. of Tomahawk; about 300 ft N. of large open sand pit; 50 ft SE. of, and 3 ft lower than Y-jct. with east-west drainage ditch; about 30 ft S. of center of drainage ditch; 28 ft SE. of east end of concrete pipe culvert; 4 ft W. of electric pole; in concrete post; standard tablet stamped "138 JJS 1951 84" 83.599 feet

Tomahawk, 4.0 mi SW. of; 50 ft NE. of, and level with center of T-jct. north to house; 41 ft N. of center of highway; 50 ft SE. of southeast corner of small house; 4 ft S. of pole 2408; in concrete post; standard tablet stamped "139 JJS 1951 87" 87.371 feet

Reference mark, 23 ft SW. of tablet; on east end of concrete pipe culvert; chiseled square 86.23 feet

U. E., Tomahawk; 3.7 mi SW. of; on northeast corner of concrete bridge over South River; chiseled square 51.16 feet

Tomahawk, 1.9 mi SW. of; 0.8 mi E. of concrete bridge over South River; 50 ft SE. of, and level with center of T-jct. with rd. south; 40 ft S. of center of highway; 24 ft E. of center of rd. south; 10 ft N. of pine tree; in concrete post; standard tablet stamped "140 JJS 1951 49" 48.754 feet

Tomahawk, 0.9 mi SW. of; on east end of south concrete headwall of culvert over north-south creek; chiseled square 59.76 feet

LINE 3 (Cont'd)

Tomahawk, about 100 ft SE. of Atlantic Coast Line Railroad Station; 55 ft S. of intersection of railroad and State Highway 41; 33 ft SW. of, and 3 ft higher than southwest rail; 27 ft NE. of pole 850; in concrete post; standard tablet stamped "141 JJS 1951 101" ELEV 101.326 feet

Reference mark, 16 ft NW. of tablet; on south corner of southeast railroad warning signal concrete base; chiseled square 99.75 feet

Tomahawk, 2.0 mi ENE. of; 6.1 mi N. of Kerr; 130 ft W. of, and level with T-jct. with rd. north; 25 ft N. of center of highway; 15 ft W. of center of private drive north; 16 ft S. of telephone pole; in concrete post; standard tablet stamped "142 JJS 1951 88" 87.925 feet

Reference mark, 24 ft E. of tablet; on south end of east concrete headwall of culvert; chiseled square 87.53 feet

Kerr, 1.5 mi NE. of Y-jct. with rd. north, thence 2.1 mi N.; 0.3 mi NNW. of New Kirk Fire Tower; 27 ft SW. of, and level with T-jct. with rd. west; 12 ft S. of center of rd. west; in concrete post; standard tablet stamped "143 JJS 1951 91" 91.174 feet

Kerr, 1.6 mi NE. of railroad crossing; 4.1 mi N. of Ivanhoe; 111 ft NE. of, and level with center of Y-jct. with rd. north; 40 ft E. of center of north-south rd.; 6 ft S. of pole 406; in concrete post; standard tablet stamped "144 JJS 1951 49" 48.656 feet

"H 22 1918" (NGS) 91.306 feet

LINE 4.

By J. J. Spahr, 1951; Book AV 274

"H 22 1918" (NGS) 91.306 feet

Kerr, 1.8 mi SW. of railroad crossing; 0.4 mi NE. of bridge over South River; 183 ft SW. of, and level with Y-jct. with rd. south; 49 ft S. of center of northeast-southwest rd.; 73 ft NW. of pine tree in triangle formed by rd. jct.; 6 ft SE. of oak tree; in concrete post; standard tablet stamped "145 JJS 1951 76" 76.414 feet

Kerr, 3.0 mi SW. of railroad crossing; 4.8 mi SE. of intersection with State Highway 41; 50 ft NE. of, and level with T-jct. with north-south paved rd.; 40 ft E. of center of north-south rd.; 25 ft S. of electric pole; in concrete post; standard tablet stamped "146 JJS 1951 39" 38.816 feet

INE 4 (Cont'd)

Kerr, 3.0 mi SW. of railroad crossing to T-jct. with north-south paved rd., thence 2.1 mi north to turn in rd. W; 2.7 mi SE. of intersection with State Highway 41; 26 ft W. of center of rd. at south end of curve; 230 ft N. of T-jct. with old logging rd. northeast; in concrete post; standard tablet stamped "147 JJS 1951 45"
ELEV 45.049 feet

"139 JJS 1951 87" (Described in line 3) 87.371 feet

LINE 5.

By J. J. Spahr, 1951; Book AV 274

"146 JJS 1951 39" (Described in line 4) 38.816 feet

Kerr, 3.0 mi SW. of railroad crossing to T-jct. with north-south paved rd., thence 1.9 mi S.; 2.9 mi NW. of bridge over Lake Creek; 3 ft E. of east corner of Lake Creek Union Church; 43 ft SW. of center of rd.; in concrete post; standard tablet stamped "148 JJS 1951 39"
38.943 feet

Lake Creek Union Church, 2.4 mi SE. of; 340 ft E. of bridge over Lake Creek; 55 ft E. of, and level with T-jct. with woods rd. south; 33 ft NE. of center of paved rd.; 7 ft SW. of electric pole 356; in concrete post; standard tablet stamped "149 JJS 1951 31"
30.962 feet

Lake Creek Union Church, 4.3 mi SE of; 1.4 mi N. of Gulf Station at T-jct. with rd. east to Atkinson; 140 ft SE. of, and level with Y-jct. with drive south to farmhouse; 25 ft SW. of center of highway; 2 ft NE. of electric pole 1300; in concrete post; standard tablet stamped "150 JJS 1951 34"
34.310 feet

Hamilton Grocery, 10.0 mi S. of Kerr; 7.3 mi N. of T-intersection of State Highway 53; about 150 ft NW. of store; 50 ft E. of, and 1 ft higher than T-jct. with rd. east to Atkinson; in center of triangle formed by jct. of rds.; 4 ft NW. of Gulf signpost; in concrete post; standard tablet stamped "151 JJS 1951 27"
26.945 feet

Reference mark, 4 ft SE. of tablet; on W. corner of concrete base of sign; chiseled square 26.62 feet

Hamilton Grocery, 2.3 mi S of; 10.3 mi NNE. of Kelly; 2.5 mi N. of Colly Creek Bridge; 40 ft NE. of, and 1 ft higher than Y-jct. with private rd. northeast to brick farm-house; 16 ft N. of center of private rd.; 6 ft E. of corner fencepost; in concrete post; standard tablet stamped "152 JJS 1951 37"
37.005 feet

Reference mark, 73 ft NW. of tablet; on north end of west concrete headwall of culvert; chiseled square 35.10 feet

Kelly, 3.0 mi E. of, along State Highway 53 to T-jct. with rd. north, thence 2.9 mi N.; 4.4 mi S. of Hamilton Store; 53 ft SW. of, and level with Y-jct. with rd. south of turn southwest in main rd.; 24 ft W. of center of paved rd.; 5 ft NW. of pole 1376; in concrete post; standard tablet stamped "153 JJS 1951 52" 51.478 feet

LINE 6

By R. E. Welty, 1951; Book AV 260

"A 82 1935" (NGS) 88.504 feet

Garland, 4.1 mi S. of, along U. S. Highway 701, thence 1.8 mi NW. along sand rd.; 160 ft SE. of white frame house; 3 ft NE. of corner fencepost; 57 ft SW. and level with center of sand rd.; in concrete post projecting 2 in.; standard tablet stamped "36 REW 1951 97" 97.436 feet

LINE 7

By J. J. Spahr, 1951; Book AV 274

Harrells Store, 3.4 mi WNW. of; 2.2 mi ESE. of Black River Bridge at Clear Run; 55 ft SE. of, and 1 ft higher than Y-jct. with woods rd. southwest; 42 ft S. of center of main rd.; in concrete post; standard tablet stamped "260 JJS 1951 105" 104.769 feet

LINE 8

By R. E. Welty, 1951; Book AV 260

Elizabethtown, 8.1 mi SE. along State Highway 87; in small pine grove; 88 ft SE. of gate to rd. leading to grove; 106 ft E. of center of highway; 18 ft E. of blazed pine tree; in concrete post; NGS standard triangulation station disk stamped "MONROE 1933" 111.483 feet

Reference mark 3, 144 ft WSW. of station; at top of bank; 29 ft W. of center of highway; 50 ft S. of dirt T-rd., in concrete post; NGS standard triangulation reference disk stamped "MONROE 1933 ND 3" 110.187 feet

Elizabethtown, 9.7 mi SE. of, along State Highway 87; 43 ft NE. of center of highway at jct. of T-rd. southwest; 6 ft SW. of power pole; in concrete post; standard tablet stamped "35 REW 1951 87" 87.069 feet

Reference mark, 60 ft SE. of tablet; on northwest corner of concrete gas pump base; chiseled square 86.77 feet

"30 NC 1/CE #44/3 TT A 123/1943" (USCE) (Described in line 1) 112.317 feet

LINE 9

By J. J. Spahr, 1951; Book AV 274

There are no permanent marks in this line in this quadrangle.

LINE 10.

By J. J. Spahr, 1951; Book AV 274

"151 JJS 1951 27" (Described in line 5)

ELEV 26.945 feet

LINE 11.

By J. J. Spahr, 1951; Book AV 274

"144 JJS 1951 49" (Described in line 3)

48.656 feet

NGVD 29
Elevations

NGVD 29