

NGVD 29
Elevations

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

35-078-24
FOUR OAKS QUADRANGLE
NORTH CAROLINA
N3515-W7815/15
DIAGRAM NI 17-3
RALEIGH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Johnston, Sampson and Wayne Counties

Adjustments of 1974 and 1982

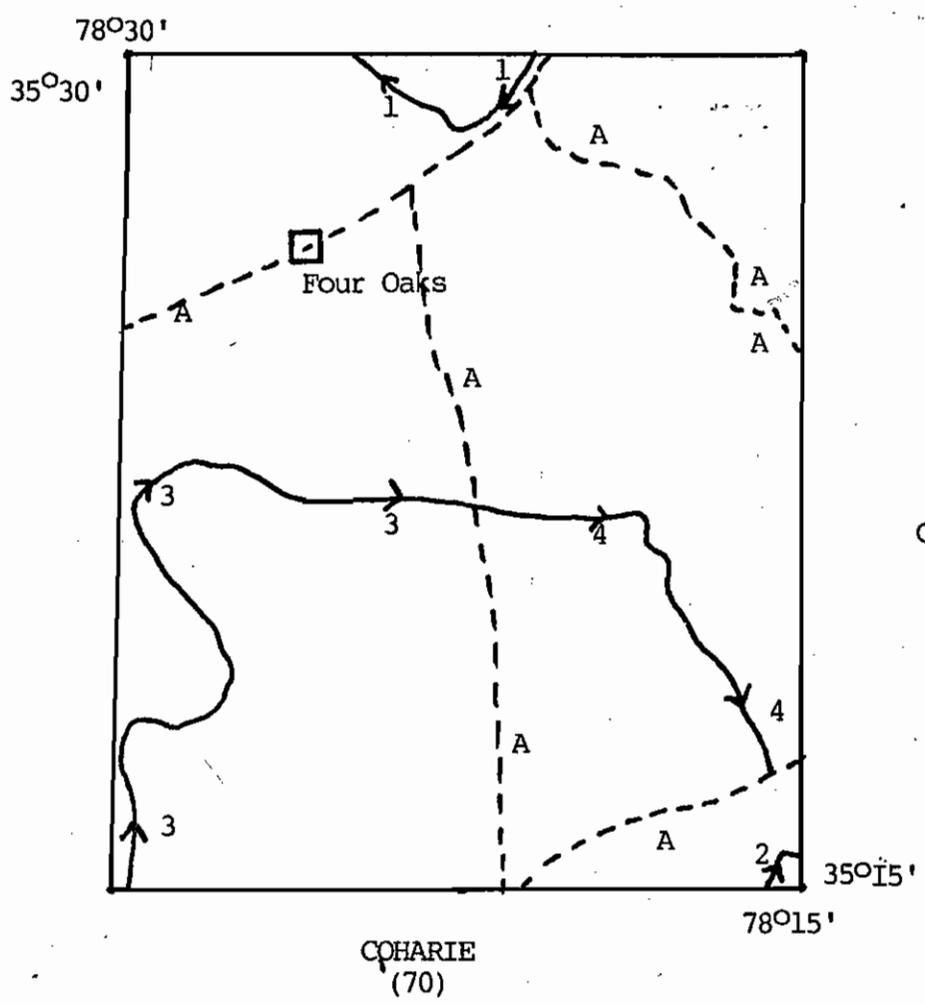
Edition of 10/30/86 LAP

PR: CRV/ymk

RECEIVED
NOV 4 1986

Geological Survey Section

SELMA
(144)



DUNN
(108)

GOLDSBORO WEST
(106)

COHARIE
(70)

USGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 350782

107

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NGVD 29
Elevations

RECOVERED AS DESCRIBED _____

RECOVERED AS DESCRIBED _____

RECOVERED AS DESCRIBED _____

NGS

FLOWERS 1933	7
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NCGS

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ISOLATED BENCH MARKS (By T. A. Green, 1905; Books 6591A, 6950)

Smithfield, 3.0 mi SW. of; in top of southeast corner of east abutment of south side of RR. bridge over Neuse River; standard tablet stamped "129 ADJ 1903"

ELEV 129.384 feet

Four Oaks, 100 ft N. of northeast corner of RR. station; 36 ft SW. of centerline of Main Street; in northeast corner of brick store of B. B. Adams, on north side; standard tablet stamped "211 ADJ 1903" (Tied by NGS, 1934)

210.954 feet

Overshot, 5.6 mi NW. of; at main entrance at W. H. Graham's; on north side of rd. just west of forks; on iron post; standard cap stamped "175 ADJ 1903"

174.972 feet

Overshot, in front yard of John J. Rose; on iron post; standard cap stamped

"174 ADJ 1903" *reported NOT FOUND 1982*

174.442 feet

Harper, just west of crossroads; on north side of rd.; on old Harper place now owned by Sam Thornton; on iron post; standard cap stamped "184 ADJ 1903"

184.061 feet

Beasley, at southwest corner of store and post office; on south side; on iron post; standard cap stamped "163 ADJ 1903" *reported NOT FOUND 1982*

163.091 feet

Beasley, 3.2 mi NW. of post office; in front yard of B. Allen; on iron post; standard cap stamped "120 ADJ 1903" *reported NOT FOUND 1982*

120.469 feet

Beasley, 5.9 mi NW. of; west of main rd.; in center of forks at signpost; on iron post; standard cap stamped "115 ADJ 1903" *reported NOT FOUND 1982*

115.098 feet

Spilona; at southeast corner of store; on iron post; standard cap stamped

"PRIM TRAV STA NO 19 226 RALEIGH"

225.808 feet

McKoy; 30 ft S. of center of rd.; in front yard of J. Marshall Lee; on iron post; standard cap stamped "210 ADJ 1903" (Not found, 1972)

210.674 feet

Newton Grove; at northeast corner of store run by T. W. Underwood; on east side; on iron post; standard cap stamped "184 ADJ 1903" *reported NOT FOUND 1982*

184.520 feet

LINE 1.

By D. R. Deane, 1960; Book AV 816

5 39 2.58

Smithfield, 2.5 mi SW. of, along U.S. Highway 301; in northwest wingwall of concrete bridge over Neuse River; standard tablet stamped "121 DRD 1960 130"

130.426 feet

5 39 2.51

Reference mark; 300 ft NE. of "121 DRD"; on bridge wheelguard; chiseled square

130.67 feet

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ElevationsLINE 2.

By Bobby R. Parker, 1974; Book AV 1692

1 36 16.27
U.E., in centerline of rd. at rd. west; nail and washer ELEV 173.35 feet

1 37 17.05
U.E., in centerline of T-rd. east; nail and washer 161.51 feet

LINE 3.

By Richard L. Meador, 1980; Book AV 1742

1 50 5.01
Spiveys Corner, 1.0 mi NW. of along U.S. Highway 421, thence 3.8 mi N. along SR. 242; 40 ft S., 41 ft E. and 0.6 ft lower than centerline of crossroads jct. SRs. 242 and 55; 7.5 ft SE. of power pole with meter; 0.5 ft N. of metal witness post; set in top of concrete post flush with ground; standard tablet stamped "22 MEA 1980 208" ✓ 208.250 feet

1 51 5.65
U.E., centerline of T-rd. west; nail and cap 206.386 feet

1 52 6.43
J.E., centerline of T-rd. east; nail and cap 192.047 feet

1 53 6.77
Spiveys Corner, 1.0 mi NW. along U.S. Highway 421, thence 5.7 mi N. along SR. 421; 17.5 ft E. and 0.6 ft higher than centerline of north end of small bridge; set in north end of northeast wheelguard; standard tablet stamped "23 MEA 1980 181" ✓ 180.145 feet

1 54 7.41
U.E., centerline of crossroads; nail and cap 209.296 feet

1 55 8.36
U.E., centerline of crossroads; nail and cap 196.639 feet

1 56 8.97 *Peacocks Crossroads*
Meadow, 1.0 mi S. of along SR. 96, thence 1.0 mi W. along Route 1116; 82 ft N., 34 ft E. and 1.9 ft lower than centerline of T-rd. north (Rt. 1115); 1.5 ft S. of power pole; 0.5 ft N. of metal witness post; set in top of concrete post flush with ground; standard tablet stamped "24 MEA 1980 195" RECOVERED AS DESCRIBED 1987 194.742 feet

1 57 10.03 *Peacocks Crossroads*
Meadow, 1.0 mi S. of along SR. 96; at Parkers Mills; 15 ft E. and 0.3 ft lower than centerline of south end of bridge; set in southeast wingwall of bridge; standard tablet stamped "25 MEA 1980 160" RECOVERED AS DESCRIBED 1907 159.338 feet

58 10.89 *Peacocks Crossroads*
J.E., centerline of crossroads; ~~(Meadow)~~; nail and cap 202.563 feet

RESET - SEE BACK OF RECORD FOR DESCRIPTION AND ELEVATION

LINE 3 (Cont'd)1 59 12.00 *Peacocks Crossroads*

~~Meadow~~, 1.1 mi W. of along SR. 50 from jct. of SR. 50 and 96; 50 ft SW., 150 ft SE. and 0.5 ft higher than centerline of T-rd. south; 6 ft E. of power pole; 0.5 ft SW. of metal witness post; set in top of concrete post projecting 4 inches above ground; standard tablet stamped "26 MEA 1980 208"

ELEV 208.064 feet

1 60 12.55

U.E., centerline of crossroads; nail and cap

221.629 feet

1 61 13.66 *Peacocks Crossroads*

~~Meadow~~, 2.8 mi NW. of along SR. 50 from jct. Routes 50 and 96; 3.6 mi SE. of jct. I-95 and SR. 50 in Benson; 139 ft NW., 52 ft NE. and 1.4 ft lower than centerline of jct. Route 50 and county rds. 1171 and 1176; 1 ft NW. of power pole; 0.5 ft SE. of metal witness post; set in top of concrete post flush with ground; standard tablet stamped "27 MEA 1980 224"

RECOVERED AS DESCRIBED ~~224~~.142 feet

1 62 14.94

U.E., centerline of crossroads; nail and cap

215.089 feet

1 63 15.99

Benson, 2.0 mi ^NSE. of along SR. 50 from jct. I-95 and Route 50, thence 2.2 mi E. along county rd. 1143; 24 ft N., 470 ft W. and 4.8 ft higher than centerline of T-rd. south (County rd. 1174); 2 ft E. of southeast corner post of cemetery; 0.5 ft S. of metal witness post; set in top of concrete post flush with ground; standard tablet stamped "28 MEA 1980 214"

213.372 feet

1 64 17.18

U.E., centerline of T-rd. southwest; nail and cap

204.271 feet

1 65 18.08

Benson, 2.0 mi SE. along SR. 50 from jct. of I-95 and Route 50, thence 4.3 mi E. along rd. 1143; 64 ft N., 30 ft E. and 1.5 ft higher than centerline of rd. at rd. north to swimming pool; 72 ft NE. of southeast corner of cemetery; 1.5 mi S. of power pole; 0.5 ft N. of metal witness post; set in top of concrete post flush with ground; standard tablet stamped "29 MEA 1980 205"

204.269 feet

1 66 18.56

U.E., centerline of crossroads (Blackmans crossroad); nail and cap

198.301 feet

1 67 19.53

U.E., centerline of rd. at concrete drive south overdam of pond; nail and cap

188.137 feet

1 68 20.29

Blackmans Crossroads, 1.7 mi E. of; 37 ft S., 119 ft W. and 1.3 ft lower than centerline of T-rd. north (Rd. 1150); 1.5 ft W. of telephone junction box; 35 ft W. of drive south to barns; set in top of concrete post flush with ground; standard tablet stamped "30 MEA 1980 169"

168.923 feet

LINE 3 (Cont'd)

1 69 20.97

U.E., centerline of crossroads (jct. 1143, 1141, and 1143); nail and cap
ELEV 187.099 feet

1 70 21.87

Blackmans Crossroads, 3.3 mi E. of; at New Hope Church; 0.6 mi W. of Stricklands crossroads; 36.5 ft N. of northwest corner of Church; 28 ft S., 222 ft W. and 0.4 ft higher than centerline of crossroads; 1 ft E. of power pole; 0.5 ft E. of metal witness post; set in top of concrete post projecting 0.1 ft above ground; standard tablet stamped
"31 MEA 1980" 189.772 feet

1 71 22.45

U.E., centerline of crossroads (Strickland crossroads) 158.109 feet

LINE 4.

By Richard L. Meador, 1980; Book AV 1742

2 1 0.00

BM "ERNEST 1973" (NGS) 179.863 feet

2 1 0.47

U.E., centerline of crossroads (Strickland crossroads); nail and cap (See line 3)
158.109 feet

2 2 1.15

U.E., centerline of T-rd. south; rail spike 185.157 feet

2 3 2.13

Stricklands Crossroads, 1.7 mi E. of along county rd. 1143; 27 ft S., 81 ft W. and 0.8 ft lower than centerline of crossroads; 2 ft W. of telephone jct. box; 0.5 ft E. of metal witness post; set in top of concrete post projecting 4-inches; standard tablet stamped
"32 MEA 1980 165" 164.892 feet

2 4 2.81

U.E., centerline of T-rd. south; nail and cap 164.439 feet

2 5 3.85

Stricklands Crossroads, 3.9 mi E. of; 1.6 mi N. of Bentonville; 57 ft S., 62 ft W. and 1.7 ft higher than T-rd. west; 1.0 ft N. of power pole; 0.5 ft S. of metal witness post; set in top of concrete post projecting 1 inch above ground; standard tablet stamped
"33 MEA 1980 104" 103.758 feet

2 6 4.91

U.E., centerline of bridge over Mill Creek; nail and cap 98.901 feet

2 7 5.43

Bentonville, 106 ft N., 29 ft E. and 3.2 ft higher than centerline of jct. Routes 1009 and 1198 east; 3 ft W. of fence post; 2 ft N. of T/W marker; 1 ft N. of metal witness post; set in top of concrete post flush with ground; standard tablet stamped "34 MEA 1980 167"
166.647 feet

LINE 4 (Cont'd)

2 8 6.18

U.E., centerline of T-rd. west; nail and cap

ELEV 175.445 feet

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2 9 6.64

U.E., centerline of T-rd. southeast; nail and cap

187.752 feet

2 10 7.83

Bentonville, 2.5 mi S. of community building; 125 ft NW. of east-west rd.; 125 ft NE. of SR. 1009; 54 ft NE. of north corner of Ebenezer Church; set in top of concrete post projecting 6-inches; NGS disk stamped "FLOWERS 1933"

195.428 feet

2 11 8.62

U.E., centerline of rd. at short woods line north; nail and cap

188.827 feet

2 12 9.64

Bentonville, 4.3 mi S. of the community building; 63 ft N., 59 ft W. and 1.9 ft lower than centerline of T-rd. west (Route 1203); 143 ft SW. of centerline of small bridge; 0.5 ft NW. of metal witness post; set in top of concrete post projecting 2-inches; standard tablet stamped "35 MEA 1980 152"

151.696 feet

2 13 10.79

Goldboro, 16.3 mi SW. of; from Newton Grove, east along U.S. Highway 13 from 6.35 mi to jct. with SR. 1009 and sta. in southeast quadrant; 30.6 ft SE. of centerline of U.S. Highway 13; 41.2 ft NE. of centerline of SR. 1009; 47.6 ft N. of northwest corner of white shingled building; 1.3 ft SW. of west end of asphalt island; 22.7 ft NW. of west end of old gas pump base, and 112.3 ft SW. of 2 inch metal lamp post; set in concrete post flush with ground; NGS disk stamped "RUTTER 1973"

161.302 feet

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Elevations

FOUR OAKS QUADRANGLE
107 NORTH CAROLINA

RESET

BM 23 MEA 1980 RESET 1985

BM; SPIVEYS CORNER, 1 MI NW. ALONG U.S. HWY. 421, THENCE 5.7 MI
N. ALONG STATE HWY. 242; 22 FT E. OF CENTERLINE OF RD.; SET IN
THE NE. COR. OF CONCRETE CULVERT HEADWALL, A STANDARD TABLET
STAMPED "23 MEA 1980 RESET 1985" ELEVATION 179.720 FT

(THIS ELEVATION DOES NOT MEET THIRD-ORDER STANDARDS)

RESET BY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION