

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-078-21
ACME QUADRANGLE
13 NORTH CAROLINA
N3415-W7800/15
DIAGRAM NI 17-6
FLORENCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

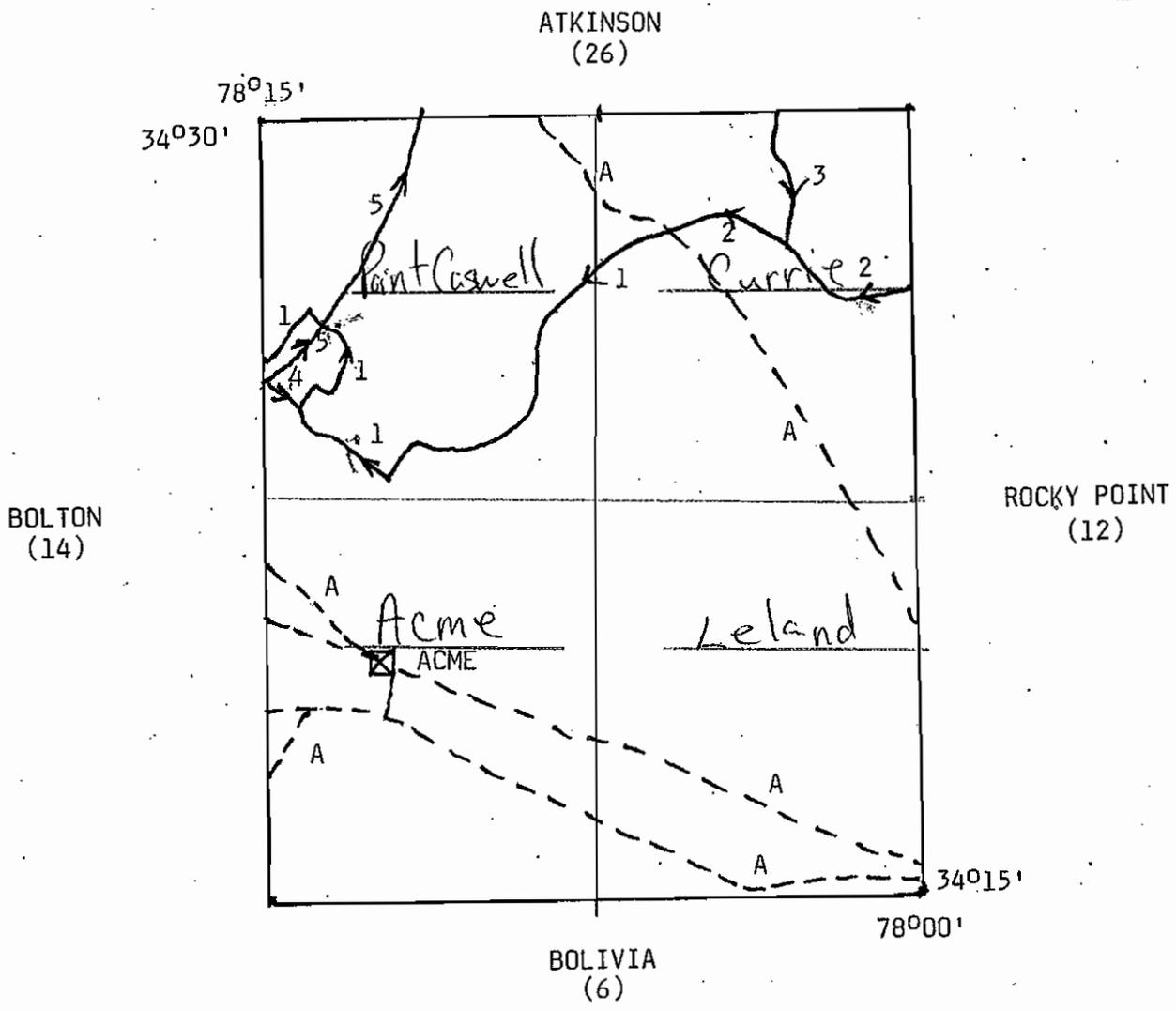
Bladen, Brunswick, Columbus, New Hanover
and Pender Counties

Adjustment of 1981

Edition of 12/1/81

PR: LB/ymk

NGVD 29
Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 340782

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NGVD 29
Elevations

NGVD 29
ElevationsLINE 1.

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

"X 21 CURRIE 1918" (NGS) ELEV 33.881 feet

Currie, 2.2 mi SW. of RR. crossing, along State Highway 602; 1.4 mi NE. of Black River Bridge; 135 ft N. of intersection with east-west rd.; 30 ft NW. of, and 3.0 ft higher than centerline of hwy.; 10 ft S. of electric pole; in concrete post; standard tablet stamped "155 JJS 1951 26" 25.840 feet 7.8760

Reference mark; 10 ft NE. of "155 JJS"; in east base of electric pole; spike 25.97 feet 7.91567

Currie, about 3.9 mi SW. of, along State Highway 210; about 12.0 mi E. of Kelly; 0.3 mi W. of Black River bridge; 130 ft SW. of intersection of new State Highway 210 and new County Road 1103; 164 ft SE. of old location of tablet; in concrete post; standard tablet stamped "156 JJS 1951 RESET 1966" 13.520 feet 4.1209

Reference mark; 120 ft S. of "156 JJS"; in base on south side of electric pole; spike 14.12 feet

Currie, 7.1 mi SW. of RR. crossing; 0.3 mi SW. of Pridgen Service Center Store; 50 ft E. of, and level with jct. of T-rd. southeast; 33 ft SE. of centerline of northeast-southwest rd.; 10 ft E. of pine tree; in concrete post; standard tablet stamped "157 JJS 1951 11" 11.131 feet 3.3927

Currie, 9.2 mi SW. of RR. crossing; 0.5 mi W. of Canetuck Baptist Church; 78 ft N. of, and 3.0 ft higher than jct. of T-rd. southeast; 23 ft NE. of centerline of east-west rd.; 5 ft S. of electric pole; in concrete post; standard tablet stamped "158 JJS 1951 15" 14.796 feet 4.5098

Currie, 11.2 mi SW. of; 13 mi SE. of Kelly; 40 ft E. of centerline of rd.; at intersection of tangents of fire lane curve northwest and southwest; at north edge of small clearing; granite post with chiseled "G" in top (this is a mark of E. W. Goodwin Sons Lumber Co., Wilmington, N. C.) 22.177 feet 6.7595

Kelly, 11.0 mi SE. of Post Office; about 2.0 mi NE. of Cape Fear River; on southeast side of small triangle formed by Y-jct. with rd. west and southwest; 15 ft E. of twin-pronged oak tree; in concrete post; standard tablet stamped "159 JJS 1951 18" 17.559 feet 5.35199

Kelly, 9.2 mi SE. of; 40 ft NE. of, and level with jct. of T-rd. south; 15 ft S. of centerline of woods rd. east; 15 ft E. of water-oak tree; in concrete post; standard tablet stamped "160 JJS 1951 22" 21.823 feet 6.65166

Kelly, 6.8 mi ESE. of; 0.3 mi SW. of bridge over Lyons Creek; 30 ft N. of centerline of northwest-southeast crossroad; 21 ft NW. of, and level with centerline of NE.-SE. rd.; in concrete post; standard tablet stamped "161 JJS 1951 25" 24.476 feet N.F. 6.8 N.F.

7.5 7.460299

LINE 2.NGVD 29
Elevations

By H. L. Zohn, 1969; Book AV 1544

Currie, 5.2 mi E. of Post Office, along State Highway 210; at 180-ft concrete bridge over Long Creek; in east end of south guardrail base; standard tablet stamped "167 HLZ 1969" ELEV 18.336 feet

5.5888

Currie, 3.4 mi E. and southeast of Post Office, along State Highway 210; at 10-ft concrete culvert for small stream; 19 ft ENE. of; and about 0.5 ft lower than centerline of hwy. opposite; in northwest end of culvert; standard tablet stamped "168 HLZ 1969" 14.558 feet

4.43728

Currie, 1.5 mi E. of Post Office, along State Highway 210; 0.5 ft SW. of witness sign; 116 ft ENE. of, and about 1.0 ft higher than jct. of State Highways 210, 1119 and 1121; in top of concrete post projecting 0.2 ft; standard tablet stamped "169 HLZ 1969" 37.825 feet

11.52908

"X 21 CURRIE 1918" (NGS) (also in line 1) 33.881 feet

LINE 3.

By Richard L. Meador, 1980; Book AV 1748

1 62 38.30

Currie, 3.6 mi NE. of; 8.3 mi WSW. of Burgaw; 2.8 mi N. along US 421 from intersection with NC 210 east of Currie to woods lane east; 0.2 mi S. of Long Creek Baptist Church; 31.4 ft E. of centerline of US 421; 71.7 ft NNW. of power pole #13327; 9.4 ft S. of centerline of woods lane; in concrete cylinder 2 inches below ground; standard NCGS brass traverse disk stamped "LONG 1973" 49.241 feet

15.0086

1 63 39.11

Currie, 3.0 mi ENE. of; 8.7 mi WSW. of Burgaw; 2.0 mi N. along US 421 from intersection with NC 210 east of Currie to station on left; 0.4 mi S. of intersection with NC 1119 southwest; 400 ft S. of trailer park; 20 ft W. of US 421; 60.6 ft NNE. of power pole #13380; in concrete cylinder 8-inches below ground; standard NCGS brass traverse disk stamped "ROWE 1973" 36.003 feet

10.9737

1 64 39.71

U.E., centerline of farm rds. east; nail and cap 29.71 feet

1 65 41.33

"168 HLZ 1969" (Described in line 2) 14.558 feet

LINE 4.

By Richard L. Meador, 1980; Book AV 1748

3 4 4.80

"159 JJS 1951 18" (Described in line 1) 17.559 feet

LINE 5.

NGVD 29
Elevations

By Richard L. Meador, 1980; Book AV 1748

3 6 0.80

U.E., centerline of rd. at woods rd. crossing; nail and cap ELEV 24.02 feet

3 7 1.78

Atkinson, 7.31 mi SSW. of; 3.2 mi S. along NC 11 from intersection with NC 53 to bridge over Lyon Swamp canal; in west wingwall of southwest abutment; 1.0 mi S. of NC 210 crossroads; 17.0 ft NW. of centerline of NC 11; set in concrete wingwall in drill hole; standard tablet stamped "88 MEA 1980" ✓

22.409 feet

6.83027

3 8 3.03

Atkinson, 6.1 mi SSW. of; 1.95 mi S. along NC 11 from intersection with NC 53 to bridge over Colly Creek; in northwest wingwall; 0.7 mi N. of NC 210 crossroads; 16.0 ft WNW. of centerline of NC 11; set in concrete wingwall; standard tablet stamped "87 MEA 1980" ✓

18.811 feet

5.7336

3 9 3.96

Atkinson, 5.1 mi SSW. of; 1.0 mi S. along NC 11 from intersection with NC 53; 0.3 mi N. of church and cemetery; 1.2 mi N. of NC 210 crossroads; 16.5 ft ESE. of centerline of NC 11; 62.0 ft WSW. of 8-inch pine with reference tag; 56.3 ft NNW. of 10-inch pine tree with reference tag; 109.4 ft NNW. of power pole TI 66 with reference tag; disk attached to pipe driven in ground; Bladen County traverse disk stamped "SMITH AZ 14 1980" ✓

40.205 feet

12.2545

3 10 5.07

Atkinson, 4.1 mi SSW. of; at NC 11 and NC 53 brige over Black River at Bladen-Pender county line; in west wingwall of south abutment; 18.0 ft NW. of centerline of NC 11 and NC 53; 1.0 ft WNW. of corner of bridge post; set in concrete wingwall; standard tablet stamped "86 MEA 1980" ✓

23.110 feet

7.04394

3 11 5.89

U.E., centerline of rd. at woods rd. west; nail and cap

19.19 feet

3 12 6.88

Atkinson, 2.4 mi SSW. of; 2.5 mi SW. along NC 11 and 53 from intersection with SR 1201 (Rankin St.); in west headwall of small culvert under highway; 1.7 mi N. of bridge over Black River at Bladen-Pender county line; 26.5 ft NW. of centerline of NC 11 and NC 53; 1.3 ft NE. of south end of headwall; set in concrete headwall; standard tablet stamped "85 MEA 1980"

30.202 feet

9.20558

6.8303

5.7336

12.2545

7.0439

9.2056