

186

FIRST-ORDER LEVELING
NATIONAL GEODESIC VERTICAL DATUM OF 1929

35-080-14
LEXINGTON QUADRANGLE
186 NORTH CAROLINA
N3545-W8015/15
DIAGRAM NI 17-2
CHARLOTTE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Davidson, Davie, and Rowan Counties

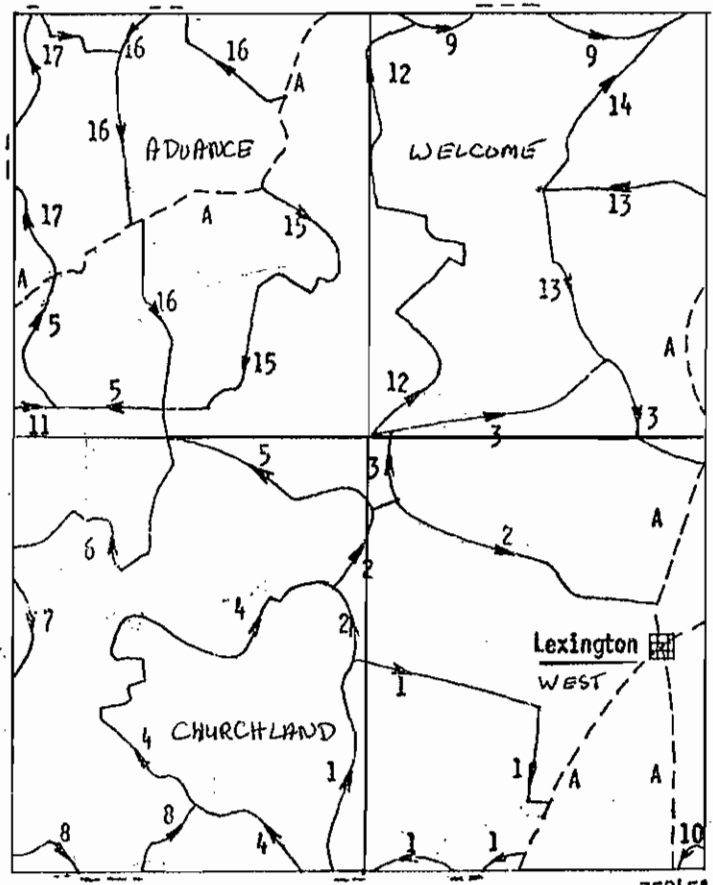
Final adjustment of 1975

Edition of 10/20/75

PR: WSM/rmm

NGVD 29
Elevations

WINSTON-SALEM
(217)



MOCKSVILLE
(187)

THOMASVILLE
(185)

SALISBURY
(152)

GS (USGSS) VERTICAL CONTROL DATA

Quadrangle 350801

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114 WSM 1949 RESET 1984			

NGVD 29
Elevations

1949

NGVD 29
Elevations

feet

LINE 1.

By W. S. Monk, 1949; Book AV 136

Linwood, 0.7 mi SW. along Southern Railway from sta., at Bridge 323.7 over North Potts Creek; in top of SE. end of SW. stone bridge seat for the old bridge; 4 ft SE. of SE. end of new concrete bridge seat; 3 ft NE. of NE. face of abutment; 10 ft SE. of SE. rail of northbound main track; about 9.5 ft lower than rail; copper bolt projecting about 15 in. above stone bridge seat designated "630 USGS" by NGS 628.942

"S 158 1935" (NGS) 658.673

[Jogs into Salisbury quadrangle]

✓ Linwood, 2.3 mi W. of depot; 70 ft N. and 630 ft W. of crossroads; on bank 4.0 ft above rd.; in center under high-tension tower No. 32; in concrete post; standard tablet stamped "94 WSM 1949 656" ✓ 67- Not Found 655.705

Reference mark; 40 ft N. and 70 ft E. of crossroads; 700 ft E. of tablet; in root on S. side of 8 in. oak tree; copper nail and washer 665.60

Lexington, 6.0 mi SW. of, along State Highway 10 (U.S. 29), 30 ft SW. of centerline of hwy.; 555 ft SE. of bridge over Potts Creek; 98 ft SW. of light pole; 60 ft NE. of cluster of elm trees; 59.6 ft SE. of guy pole; in concrete post; NGS and State Survey standard disk stamped "H C 192" 10/87 (DRC) ~~NOT FOUND~~, BANK & DITCH GRADED. 665.238

Reference mark; 560 ft NW. of sta., at SW. end of bridge over Potts Creek; on concrete guard rail; chiseled square 645.68

[Jogs into Salisbury quadrangle]

✓ Tyro, 2.5 mi S. of; 110 ft S. and 30 ft W. of junction of old rd. N. to Tyro and rd. SE.; in front yard of residence; in concrete post; standard tablet stamped "96 WSM 1949 768" ✓ 768.008

Reference mark; 5 ft S. of tablet; in root on E. side of 12 in. oak tree; copper nail and washer 767.75

✓ Tyro, 175 ft NE. of NE. corner of St. Lukes Church; 28 ft N. and 15 ft E. of junction of State Highway 150 and rd. SE. to Lexington; 2 ft S. of power pole; in concrete post; standard tablet stamped "97 WSM 1949 828" ✓ 828.470

Reference mark; 70 ft SW. of tablet; on NE. corner of stone wall; on rock; chiseled square 828.72

✓ Tyro, 1.8 mi SE. of; 20 ft S. and 15 ft E. of junction of rd. SE. of Tyro and rd. NW. to State Highway 150; 390 ft W. of Potts Creek; on bank 1.0 ft above rd.; in sandstone outcrop; standard tablet stamped "98 WSM 1949 719" ✓ 719.461

LINE 1 (Cont'd)Feet

- Reference mark; 30 ft E. of tablet; on sandstone outcrop; chiseled square 718.08
- Tyro, 3.5 mi SE. of; 4.3 mi SW. of Lexington; 45 ft N. and 200 ft W. of junction of rd. SE. and rd. N. to Reed's Crossroads; in center of concrete foundation at aircraft warning beacon; chiseled square 759.54
- Lexington, 4.1 mi SW. of; at junction of rd. leading NW. to Tyro; 29 ft NW. of centerline of State Highway 10 (U. S. Hwy. 29); near the Lexington Commercial Airport; 79 ft NW. of guy pole; 63 ft SW. of light pole; 24 ft SE. of 24 in. red-oak tree; in concrete post; NGS and State Survey standard disk stamped "N C 191" 765.582
- Reference mark; 20 ft N. of tablet; in root on E. side of 16 in. oak tree; copper nail and washer 765.95
- "Q 158 1935" (NGS) 666.275

LINE 2.NGVD 29
Elevations

By W. S. Monk, 1949; Book AV 136

- "97 WSM 828 1949" (Described in line 1) 828.470
- ✓ Tyro, 1.7 mi N. along rds. NE. to U. S. Highway 64; 130 ft N. and 20 ft W. of junction of rd. N. and rd. SW. to Churchland; in sandstone outcrop; standard tablet stamped "99 WSM 1949 810" ✓ 810.032
- Reference mark; 40 ft NE. of tablet; 145 ft N. and 15 ft E. of rd. junction; on N. end of sandstone outcrop; chiseled square 806.14
- ✓ Tyro, 3.8 mi NE. of, along rds. N. to U.S. Highway 46, thence 0.3 mi E.; 6.0 mi NW. of Lexington's Fifth Street overhead bridge over Winston-Salem Southbound Railway; 180 ft E. of SE. corner of store; 60 ft E. and 20 ft N. of junction of hwy. and rd. N.; in sandstone outcrop; standard tablet stamped "100 WSM 1949 820" ✓ 819.837
- Lexington, 5.0 mi NW. of, along U. S. Highway 64; 115 ft N. of center of hwy.; 33 ft E. of center of private driveway; 8 ft E. of white witness post; in concrete post; NGS standard triangulation disk stamped "REED 1948" 837.658
- Reference mark no. 1, 76 ft N. of station; 30 ft E. of center of private driveway; 4 ft SE. of SE. corner of barn; in concrete post projecting 2 in.; NGS reference mark disk stamped "REED NO 1 1948" 840.185
- Reference mark; no. 2, 153 ft SW. of station; 32 ft S. of SW. corner of farmhouse; 29 ft N. of center of hwy.; 14 ft SW. of 30 in. oak tree; in concrete post flush with ground; NGS and State Survey standard disk stamped "N C 648" 834.457

LINE 3 (Cont'd)Feet

- Reference mark; 70 ft E. of tablet; in root on N. side of 10 in. maple tree; copper nail and washer 831.64
- Arnold, 2.7 mi SW. of; 25 ft S. and 90 ft W. of junction of State Highway 150 and rd. W.; right-of-way marker; top NW. corner of concrete post; chiseled square 845.01
- ✓ Arnold, 0.9 mi SW. of along Arnold-Yadkin College Road; 30 ft S. and 180 ft E. of junction of rd. N. and rd. NE. to Arnold; on bank 1.0 ft above rd.; in concrete post; standard tablet stamped "105 WSM 1949 846" ✓ 845.950
- Reference mark; 10 ft S. of tablet; in root on E. side of 8 in. pine tree; copper nail and washer 844.92
- ✓ Arnold, 1.3 mi SE. of, along rd. SE. of Arnold to U. S. Highway 52; 45 ft N. and 35 ft W. of T-rd. junction; 3 ft S. of power pole; in concrete post; standard tablet stamped "106 WSM 1949 824" ✓ 823.593
- Arnold, 2.1 mi SE. of; at NE. end of wooden bridge over Swearing Creek; on N. end of E. concrete bridge seat; chiseled square 729.52
- "D 97 1934" (NGS) 810.937

LINE 4.NGVD 29
Elevations

By W. S. Monk, 1949; Book AV 136

- Churchland, 2.6 mi SE. of; 65 ft S. and 25 ft E. of junction of State Highway 150 and rd. N.; on S. end of concrete headwall of culvert; 3.0 ft below hwy.; chiseled square 775.78
- ✓ Churchland, 1.8 mi S. of along State Highway 150; 0.8 mi E. of Jubilee; 30 ft S. and 30 ft E. of junction of hwy. and rd. W.; in line with center of rd. W.; in concrete post; standard tablet stamped "107 WSM 1949 797" ✓ 797.325
- Reference mark; 15 ft N. of tablet; in root on NW. side of 15 in. oak tree; copper nail and washer 796.76
- ✓ Churchland, 1.4 mi SW. of along Grubb's Ferry Road; 40 ft N. and 55 ft W. of rd. junction; 3.0 ft S. of R.E.A. pole No. 6 N A 5; in concrete post; standard tablet stamped "108 WSM 1949 800" ✓ 799.938
- Reference mark; 90 ft SE. of tablet; in root on SW. side of 26 in. oak tree; copper nail and washer 802.93
- ✓ Churchland, 2.2 mi W. of, along Churchland-Boone's Cave Road; 0.2 mi N. of junction of Boone's Cave Road; 3.0 ft S. of R.E.A. pole No. 6 K 160; in concrete post; standard tablet stamped "109 WSM 1949 715" ✓ 714.548
- Reference mark; 3.0 ft N. of tablet; in face on W. side of power pole; rail spike 714.85

LINE 4 (Cont'd)feet

- ✓ Churchland, 2.2 mi W., thence 2.5 mi N. along Boone's Cave and Yadkin College Road; at junction of Yadkin College Road and Horseshoe Neck Road; 80 ft NE. of NW. end of island formed by rd. forks; 90 ft N. of NE. corner of residence; 20 ft W. of rd.; 3.0 ft S. of power pole; in concrete post; standard tablet stamped "110 WSM 1949 814" ✓ 814.057
- Reference mark; 120 ft S. of tablet; in root on E. side of 10 in. oak tree; copper nail and washer 817.02
- ✓ Churchland, 2.2 mi W., thence 4.4 mi N. along Boone's Cave Road and Horseshoe Neck Road; 20 ft E. E. of Horseshoe Neck Road; in line with center of rd. NW. to Yadkin River; in concrete post; standard tablet stamped "111 WSM 1949 774" ✓ 773.831
- Reference mark; 15 ft S. of tablet; in root on W. side of 5 in. locust tree; copper nail and washer 773.80
- ✓ Churchland, 2.2 mi W., thence 6.5 mi NE.; along Boone's Cave and Horseshoe Neck Road; 2.3 mi NW., thence 1.6 mi SW. of Tyro; 45 ft S. and 170 ft W. of junction of Yadkin College Road and rd. N.; 2.0 ft W. of power pole; in concrete post; standard tablet stamped "112 WSM 1949 807" ✓ 807.172
- Reference mark; 15 ft E. of tablet; in root on N. side of 5 in. pine tree; copper nail and washer 807.42
- U.E., Tyro, 2.3 mi NW., thence 1.0 mi SW.; 50 ft S. and 30 ft E. of junction of Yadkin College Road and rd. S. to State Highway 150; on NE. corner of concrete foundation at well; chiseled square 850.92
- ✓ Tyro, 2.4 mi NW., thence 0.25 mi N.; at junction of rd. W. to Petersville Church and Yadkin College Road; 60 ft E. of Yadkin College Road; in line with center of rd. W.; in concrete post; standard tablet stamped "113 WSM 1949 787" ✓ 787.107
- Reference mark; 90 ft NW. of tablet; 35 ft N. and 15 ft W. of rd. junction; in root on NE. side of of 26 in. oak tree; copper nail and washer 783.76
- "99 WSM 1949 810" (Described in line 2) 810.032

LINE 5.NGVD 29
Elevations

By W. S. Monk, 1949; Book AV 136

- "100 WSM 1949 820" (Described in line 2) (Also in line 3) 819.837
- U.E., Reeds Crossroads, 2.8 mi NW. of along U. S. Highway 64; 15 ft N. and 40 ft W. of junction of U. S. Highway 64 and drive N. to residence on N. side of hwy.; on W. end of concrete head-wall of culvert; chiseled square 740.70

LINE 5 (Cont'd)

	<u>Feet</u>
U.E., Reeds Crossroads, 3.2 mi NW. of, along U. S. Highway 64; 20 ft S. and 65 ft E. of crossroads; on W. end of concrete headwall of culvert; 2.0 ft below hwy.; chiseled square	703.09
Lexington, 7.8 mi NW. of; 3.6 mi NW. of Reeds Crossroads; 3.9 mi SE. of Fork along U. S. Highway 64; at N. end of W. abutment of concrete bridge over Yadkin River; standard tablet stamped "114 WSM 1949 602"	681.601
Reference mark; 20 ft S. of tablet; on SW. concrete abutment; chiseled cross	681.57
Fork, 2.6 mi SE. of, along U. S. Highway 64; 15 ft N. and 270 ft E. of junction of hwy. and rd. S.; at curve in hwy.; on W. end of concrete headwall of culvert; chiseled square	755.92
Fork, 1.3 mi SE. of, along U. S. Highway 64; 35 ft N.; 250 ft E. of junction of hwy. and field rd. NE.; in concrete post; standard tablet stamped "115 WSM 1949 794" (Not found, 1967)	794.386
Reference mark; 5 ft S. of tablet; in root on N. side of 7 in. oak tree; copper nail and washer	793.73
Fork, 0.6 mi SE. of, along U. S. Highway 64; 15 ft S. and 60 ft E. of junction of hwy. and State Road 801; on E. end of concrete headwall of culvert; chiseled square	804.80
Fork, on grounds of Fork Baptist Church; 137 ft S. of SW. corner of church; 71 ft SE. of 24 in. pine tree; 12 ft N. of cemetery fence; 12 ft N. of white witness post; mark is flush; NGS standard triangulation disk stamped "FORK 1948"	823.634
Reference mark no. 1; 91.59 ft W. of station 44 ft W. of center of entrance drive; 2 ft N. of cemetery fence, mark projects 5 in.; NGS standard reference disk stamped "FORK NO 1 1948"	821.210
Reference mark no. 2; 85.33 ft NE. of station; 59 ft E. of center of entrance drive; 57 ft SW. of SW. corner of church; 35 ft E. of 24 in. pine tree; NGS standard reference disk stamped "FORK NO 2 1948" (Reported destroyed, 1967)	821.480
Azimuth mark, 0.2 mi SE. of station; 35 ft NE. of center of U. S. Highway 64; 35 ft SW. of center of State Highway 801; 2 ft SW. of white witness post; 1 ft NW. of powerline pole; NGS standard tablet stamped "FORK 1948" (Not found, 1967)	814.004
U.E., Fork, 1.1 mi W. of along U. S. Highway 64; 15 ft N. and 180 ft E. of junction of hwy. and rd. NE.; on E. end of concrete headwall of culvert; chiseled square	684.35
Fork, 1.7 mi W. of along U. S. Highway 64; 40 ft N. and 30 ft E. of crossroads; on bank 2.0 ft above hwy.; in concrete post; standard tablet stamped "116 WSM 1949 753" (NOT FOUND 1983, PROBABLY DESTROYED BY GRADING) CEN	752.836
Reference mark; 15 ft N. of tablet; in root on SE. side of 7 in. pine tree; copper nail and washer	752.52

NGVD 29
Elevations

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Elevations

LINE 5 (Cont'd)feet

- Fork, 3.1 mi W. of, along U. S. Highway 64 and Cornatzer Road; 3.3 mi SW. of Cornatzer; 20 ft S. and 20 ft E. of junction of rd. N. and rd. E. to Highway 64; 3 ft N. of 16 in. black-walnut tree; in concrete post; standard tablet stamped "117 WSM 1949 675" (Not found, 1967)
~~7 AF 11/85 PROO DEST WHEN ROAD WAS EXTENDED TO SEUM - LMM~~
 Reference mark; 3 ft S. of tablet; in root on NE. side of 16 in. black-walnut tree; copper nail and washer 675.024
 674.16
- Cornatzer, 1.2 mi S. of depot; 65 ft S.; 30 ft W. of junction of drive E. to cemetery and rd. N. to Cornatzer; 3.0 ft N. of power pole; in concrete post; standard tablet stamped "118 WSM 1949 771" 770.921
- Reference mark; 10 ft N. of tablet; in face on SE. side of 8 in. poplar tree; rail spike 770.32
- "N 42 1932 777:446" (NGS) 777.410

LINE 6.

- By W. S. Monk. 1949; Book AV 136
- NGS azimuth mark disk stamped "FORK 1948" (Described in line 5) 814.004
- Fork, 1.7 mi S. of, along State Highway 801 and rd. SW.; in line with center of rd. SE.; 25 ft NW. of hwy.; in concrete post; standard tablet stamped "119 WSM 1949 791" 790.807
- Reference mark; 25 ft S. of tablet; in root on NE. side of 5 in. pine tree; copper nail and washer 790.61
- Fork, 3.8 mi SW. of, along State Highway 801; to rd. SW. along Yadkin River; 20 ft N. and 560 ft SW. of junction of rd. N. and rds. SW. and NE.; 260 ft W. of SW. corner of residence; in concrete post; standard tablet stamped "120 WSM 1949 707" 707.448
- Reference mark; 60 ft SW. of tablet; in root on NE. side of 18 in. gum tree; copper nail and washer 710.49
- Fork, 3.1 mi SW. of, along State Highway 801; 28 ft N. of hwy.; in line with center of rd. S. to Seaford's Hatchery; in concrete post; standard tablet stamped "121 WSM 1949 719" 719.347
- Fork, 3.8 mi SW. of, along State Highway 801; at SE. end of steel girder bridge over Dutchmans Creek; on concrete retaining wall; chiseled square 654.45
- Fork, 5.1 mi SW. of, along State Highway 801; 0.7 mi E. of Concord Church; in line with center of Graves Road; 35 ft S. of hwy.; in concrete post; standard tablet stamped "122 WSM 1949 683" 683.250
- Reference mark; 12 ft SW. of tablet; in root on NE. side of 12 in. oak tree; copper nail and washer 683.03

NGVD 29
Elevations

LEXINGTON QUADRANGLE
Book AV 136

186 NORTH CAROLINA

W. S. Monk

35-080-14
10

1949

LINE 7.

Feet

By W. S. Monk, 1949; Book AV 136

Concord Church, 0.5 mi SE. of, at wooden bridge over Creek, at SE. end; on NE. corner of concrete abutment; chiseled square 648.82

Concord Church, 1.4 mi S. of, along rd. S. to U. S. Highway 601; 25 ft S.; 30 ft E. of junction of rd. N. to Concord Church; and rd. E.; in concrete post; standard tablet stamped "125 WSM 1949 751" 750.766

Reference mark; 5 ft E. of tablet; in root on E. side of 10 in. pine tree; copper nail and washer 751.30

Concord Church, 2.0 mi SE. of, on N. end of small steel girder bridge over creek; on W. end of abutment; chiseled square 678.37

LINE 8.

By W. S. Monk, 1949; Book AV 136

Davie Crossroads, 6.5 mi S. of, along U. S. Highway 601; thence 0.7 mi E.; 50 ft N.; 390 ft W. of junction of rd. W. to Highway 601 and old Mocksville-Salisbury Road; 4 ft S. of telephone pole No. 14; in concrete post; standard tablet stamped "126 WSM 1949 746" 746.106

[Jogs into Salisbury quadrangle]

"108 WSM 1949 800" (Described in line 4) 799.938

LINE 9.

By Wallace Varley, 1949; Book AV 132

Clemmons Railroad Station; 0.7 mi SE. of; 62.5 ft W. of centerline of Power House Road and rd. SE. to Lexington; in S. end of cement apron of Boyd grocery; chiseled square 820.08

Clemmons Railroad Station, 1.7 mi SE. of, along Power House Road and Clemmons-Friedburg Road; at Muddy Creek Church of Christ; in E. end of bottom step of church; standard tablet stamped "WV 16 1949 843" 842.720

Reference mark; 26 ft N. of tablet; 104 ft S. of rd.; in root on SE. side of 8 in. elm tree; copper nail and washer 841.95

✓ Clemmons Railroad Station, 0.7 mi NE. along Power House Road, thence 3.3 mi SE. along Clemmons-Friedburg Road; at bridge over Muddy Creek; in SE. end of bridge; in E. abutment of bridge; standard tablet stamped "WV 17 1949 685" 684.612

Reference mark; 14.7 ft W. of tablet; 7.5 ft W. and 1 ft lower than centerline of rd.; in SW. abutment of bridge; chiseled square 683.73

NGVD 29
Elevations

LINE 9 (Cont'd)

Feet

1.26
Clemmons Railroad Station, 0.7 mi NE. of Power House Road, thence 5.3 mi SE. along Clemmons-Friedburg Road; at junction of Clemmons-Friedburg Road and rd. E. toward State Highway 150; 79 ft S.; 36 ft E. of triangle formed by junction of rds.; 140 ft S. of telephone pole No. 145; 53 ft NE. of mailbox 136, in concrete post projecting 6 in.; standard tablet stamped "W 18 1949 724" 723.523

Reference mark; 260 ft W. of tablet; 19 ft N. of centerline of rd.; in root on NE. side of 10 in. leaning pine tree; copper nail and washer 733.04

3.53
U.E., Clemmons Railroad Station, 0.7 mi NE. of along Power House Road, thence 6.9 mi SE. along Clemmons-Friedburg Road; in W. end of bottom step of Friedburg Road; in W. end of bottom step of Friedburg Moravian Church; chiseled square 817.30

4.21
Clemmons Railroad Station, 0.7 mi NE. of along Power House Road, thence 7.6 mi SE. along Clemmons-Friedburg Road; at junction of Friedburg Road and farm rd. E.; on property of John H. Shelton; 110 ft W. of two-story frame house of J. H. Shelton; 46 ft S. of Friedburg Road; 18 ft E. of farm rd.; 2 ft N. of D. P. Co. powerline pole; in concrete post projecting 6 in.; standard tablet stamped "W 19 1949 809" 809.314

Reference mark; 113 ft NE. of tablet; 14.7 ft S. of centerline of rd.; 21.4 ft W. of steps; in top of retaining wall; chiseled square 810.91

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Clemmons Railroad Station; 0.7 mi NE. of, along Power House Road, thence 9.6 mi SE. along Clemmons-Friedburg Road and Fishel Road; at junction of Fishel Road and Hopewell Church Road; 205 ft NE. of centerline of bridge over Leak Creek; in NE. angle of rd. forks; 32 ft NW. of Fishel Road; 35 ft NE. of Hopewell Church Road; in concrete post 4 in. above ground; standard tablet stamped "W 20 1949 734" 734.034

Reference mark; 19.4 ft S. of tablet 20 ft NW. at Fisher Road; in top of NE. end of concrete pipe under Hopewell Church Road; chiseled square 732.43

LINE 10.

By W. S. Monk, 1949; Book AV 136

✓ Lexington, 4.0 mi S. of, along State Highway 8; on SE. grounds of Jr. Q.U.A.M. Home; 30 ft W. of centerline of hwy.; 65 ft SW. of southernmost gas pump of Walton Grocery Store; 11 ft E. of power pole; in concrete post; standard tablet stamped "T 43 HF 1948 771" 771.383

LINE 11.

By W. S. Monk, 1949; Book AV 136

"117 WSM 1949 675" (Described in line 5)

NGVD 29
Elevations

675.024

LINE 12.

By J. E. McClane, 1951; Book AV 242

Friendship Methodist Church, 24 ft N. and level with centerline of rd.; at W. entrance to church; on SE. corner of first step; chiseled square

769.75

LINE 12 (Cont'd)feet

✓ Friendship Methodist Church, 1.0 mi NE. of, along main rd.; 21 ft N. and 101 ft W. and about level with centerline of rd. and T-rd. NW.; 3 ft SE. of power pole; in concrete post; standard tablet stamped "22 JEM 1951 807" ✓	806.725
Welcome, 6.5 mi NW. of Friendship Methodist Church; 1.1 mi N. of along graveled rd.; thence 2.0 mi NE. along graveled rd.; 30 ft N. and 18 ft E. and about 2 ft higher than centerline of rd. at T-rd. N.; in SW. corner of cultivated field; in concrete post; standard tablet stamped "23 JEM 1951 769"	768.947
Reference mark; 260 ft W. of tablet; on SW. corner of first step leading to house; chiseled square	772.77
Arcadia, 2.8 mi W. of, along graveled rd.; at rd. junction, in traffic triangle; 118 ft S. and 54 ft W. and 6 ft higher than N. prong of traffic triangle; in concrete post; standard tablet stamped "24 JEM 1951 685"	685.094
Reference mark; 70 ft NE. of tablet; on N. end of 12 in. concrete pipe; chiseled square	681.04
Arcadia, 2.8 mi W. of, thence 2.8 mi N. along graveled rd.; 40 ft S. and 48 ft W. and level with centerline of rd. at Y-rd. S.; 9 ft SE. of multiple trunk, in concrete post; standard tablet stamped "25 JEM 1951 796" ✓	796.198
Reference mark; 80 ft E. of tablet; on NE. end of 12 in. concrete pipe; chiseled square	794.59
"W 16 1949 843" (Described in line 9)	842.720

LINE 13.

By J. E. McClane, 1951; Book AV 242

✓ Arcadia, 2.5 mi E. of along black-top rd.; 17 ft S. and 21 ft E. and 1 ft lower than centerline of crossroads; 54 ft SE. of power pole; in concrete post; standard tablet stamped "19 JEM 1951 874"	873.543
Reference mark; 145 ft N. of tablet; on S. end of 12 in. concrete pipe; chiseled square	866.81
✓ Arcadia, at T-rd. E.; 160 ft S.; 18 ft W. and 4 ft lower than centerline of State Highway 150 at T-rd. E.; 60 ft E. of transformer pole; in S. end of concrete headwall; standard tablet stamped "20 JEM 1951 830"	829.865
Reference mark; 60 ft N. of tablet; on S. end of 2 1/2 in. concrete pipe; chiseled square	829.51
✓ Arcadia, 1.5 mi S. of at T-rd. N.; 72 ft N. and level with centerline of hwy.; 12 ft N. of Byerly's Store; in concrete post; standard tablet stamped "21 JEM 1951 818"	818.212

LINE 13 (Cont'd)Feet

Reference mark; 100 ft SW. of tablet; on top of E. side of old mill stone; chiseled square 815.06

LINE 14.

By J. E. McClane, 1951; Book AV 242

"20 JEM 1951 830" (Described in line 12) 829.865

U.E., Arcadia, 1.1 mi NE. of, 30 ft S. and 19 ft E. and level with centerline of State Highway 150 and T-rd. W.; on W. edge of stone outcropping; chiseled square 848.79

Arcadia, 2.0 mi NE. of, along State Highway 150; NE. of concrete bridge; 34 ft N. and about level with centerline of hwy. at entrance W. to barn; 2 ft E. of fence corner; in concrete post; standard tablet stamped "26 JEM 1951 722" 722.370

Reference mark; 580 ft SW. of tablet; on NW. corner of concrete bridge on 6 in. concrete curb; chiseled square 726.63

U.E., Arcadia, 3.2 mi NE. of; 97 ft S. and 18 ft W. and about 2 ft lower than centerline of State Highway 150; at Y-rd. S.; on N. end of concrete drain; chiseled square 798.76

"WV 19 1949 809" (Described in line 9) 809.314

LINE 15.

By J. E. McClane, 1951; Book AV 242

"0 42 1932" (NGS) 811.796

Advance, 2.5 mi SE. of along graveled rd.; 16 ft S. and 27 ft E. and about 3 ft higher than intersection of rd. and T-rd. E.; in concrete post; standard tablet stamped "27 JEM 1951 745" (Reported destroyed, 1967) 744.700

Reference mark; 13 ft N. and 12 ft E. of centerline of rd. at T-rd. E.; 80 ft NW. of tablet; on N. end of 18 in. concrete post; chiseled square 742.65

Advance, 1.5 mi S. of along State Highway 801; 24 ft N. and 30 ft E. and level with centerline of State Highway 801 at T-rd. E.; 330 ft NW. of Elhaville Methodist Church; in concrete post; standard tablet stamped "28 JEM 1951 809" (Note: graveled rd. runs SE. and SW. back to State Highway 801) 808.670

Reference mark; 45 ft S. of tablet; 15 ft S.; 28 ft W. of State Highway 801 at T-rd. E.; on S. end of concrete pipe; chiseled square 808.01

LINE 15 (Cont'd)Feet

- Advance, 2.6 mi S. of, along State Highway 801; at old steel truss bridge over creek; 120 ft N. and 45 ft E. of centerline of rd. at N. end of bridge; 143 ft E. of centerline of new Highway 801; 33 ft W. of centerline of old Highway 801; in concrete post; standard tablet stamped "29 JEM 1951 680" 680.108
- Reference mark; 160 ft SW. of tablet; on northeastern most bolt on NE. end of steel truss bridge; painted bolt 670.85

LINE 16.

By J. E. McClane, 1951; Book AV 242

"S 42 1932" (NGS) 714.730

Advance, 4.6 mi NW. of; 9 ft N and 16 ft W and about 2 ft lower than junction of Y-rd. E. and State Highway 801; on S. end of concrete culvert; chiseled square 773.38

[Joins into Winston-Salem quadrangle]

Bixby, 3.8 mi N. of, at junction of U. S. Highway 158 and rd. S.; 117 ft E. and 3 ft lower than centerline of U. S. Highway 158 at T-rd. S.; 110 ft E. of power pole; in S. concrete headwall; standard tablet stamped "31 JEM 1951 829" (Not found, 1967) 828.829

Reference mark; 36 ft NW. of tablet; on N. end of concrete headwall; chiseled square 827.61

Bixby, 2.2 mi N. of, on centerline of T-rd. W.; 25 ft E. and level with centerline of rd. at T-rd. W.; in concrete post; standard tablet stamped "32 JEM 1951 787" (Not found, 1967) 787.303

"P 42 1932" (NGS) 835.563

Bixby, 2.7 mi S. of, 1.9 mi N. of Fork; along graveled rd.; 27 ft S. and 87 ft W and 6 ft higher than centerline of crossroads; 31 ft W. of NW. corner of service station; in concrete post; standard tablet stamped "33 JEM 1951 802" 801.746

NGS standard azimuth disk stamped "FORK 1948" (Described in line 5) (Also in line 6) 814.004

LINE 17.

By J. E. McClane, 1951; Book AV 242

"N 42 1932 777.446" (NGS) (Also in line 5) 777.410

Cornatzer, 1.0 mi NW. of; 34 ft NW. of center of S. end of wooden bridge over creek; on S. corner of concrete pier; chiseled square 675.99

LINE 17 (Cont'd)Feet

Cornatzer, 3.2 mi NW. of; 9 ft E. of centerline of S. end of wooden bridge over creek; on concrete SW. abutment; chiseled square

691.79

[Jogs into Mocksville quadrangle]

Mocksville, 7.0 mi NNE. of; 3.5 mi SE. of Farmington and 1.5 mi NE. of village of Smith Grove; 45 ft N. of 36 in. oak tree; 28 ft S. of SE. corner of frame building; 27 ft W. of center of graveled rd.; 4 ft S. of white witness post; in concrete post projecting 5 in.; NGS standard triangulation station disk stamped "SMITH 1948"

890.487

Mocksville, 8.3 mi NE. of, along U. S. Highway 158, thence 0.2 mi SE. along Cornatzer Road to old school building; 50 ft NE. of NE. corner of school; 15 ft E. of center of rd.; at mailbox; in concrete post; standard tablet stamped "T 55 HF 1948"

888.864

Farmington, 2.2 mi E. of, along county rd. 1444; 24 ft N. and 50 ft E. of intersection of county rds. 1441 and 1444; 5 ft SW. of 24 in. elm tree; in concrete post level with ground; standard tablet stamped "34 JEM 1951 774"

773.525

Reference mark; 36 ft S. of tablet; on top of outcropping stone; chiseled square

773.53

Redland, 1.0 mi NW. of; 70 ft N and 16 ft W and about 4 ft higher than centerline of rd. and T-rd. W.; in root on E. side of 25 in. oak tree; copper nail and washer

875.51

"31 JEM 1951 829" (Described in line 15)

828.829

NGVD 29
Elevations

BENCH M

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION U.S. DEPARTMENT OF COMMERCE

*SPSN- , DRC CODE D, APPROX LAT- 35 51 24, APPROX LON- 80 23 16, *11*QUAD- 350801, OSN-

*DESIGNATION- 114 WSM RESET 1984 USGS, *14*STATE CODE/COUNTY- NC, L, DAVIE

*ALIAS- , (PARISH in Louisiana - State CENSUS DIVISION in Alaska)

*AREA- , DISTANCE AND DIRECTION FROM (7.85 mi)

*NEAREST CITY OR TOWN- LEXINGTON, *18*NEAREST CITY OR TOWN- 12.6 Km W of

*CODE/MONUMENT BY AGENCY- 5, 1, NCGS, *21*YEAR- 1984, CHIEF OF PARTY- GWT, *22*OTHER CONTROL-

*CODE/RECOVERY BY AGENCY- 1, *24*YEAR- , CHIEF OF PARTY- , *25*CONDITION OF MARK-

*CODE/SETTING CLASSIFICATION- 42, 1, WINGWALL, *27*MONUMENTATION- D, DISK TYPE- 01

*STAMPING- 114 WSM 1949 RESET 1984, USGS

***** ORIGINAL OR RECOVERY DESCRIPTIVE TEXT *****

*
* Along U.S. 64 between Lexington and Mocksville,
* At the new bridge (1984) over Yadkin River
* (DAVIE - DAVIDSON COUNTY LINE), in the south end
* of the west abutment (SW wingwall)
* 6.60 meters (21.6 ft) SSE of R HWAY
* Approx. 100 feet east of old mark
* NGVD 29 Elevations

* NOTE: NEW USGS BM DISK WAS SET IN NEW BRIDGE AND ELEVATION TRANSFERRED ON 5/29/84.
* OLD DISK WAS LEFT IN OLD BRIDGE AT REQUEST OF CONSTRUCTION SUPERVISOR ;
* WILL BE REMOVED WHEN OLD BRIDGE IS REMOVED DURING SUMMER OF '84.

* (Units, , E-English/M-metric) A DISK SET INTO THE TOP OF A CONCRETE POST, , F-FLUSH WITH THE GROUND/P-PROJECTING/R-RECESSED, , IN/CM
* (Units, , Setting Code, , same as in *26*) ROD/PIPE DRIVEN TO THE DEPTH OF, , FT/M, IN A SLEEVE EXTENDING TO THE DEPTH OF, , FT/M
(leave preceding entry blank if no sleeve), ENCASED IN A PIPE, , F-FLUSH WITH THE GROUND/P-PROJECTING/R-RECESSED, , IN/CM

* (Units E), , FT/M, A-ABOVE/B-BELOW/L-ABOUT LEVEL WITH (Units and FT/M blank if 'L'), R HWAY

* (Units, ,), , FT/M, (Point of Compass) FROM A WITNESS POST - else specify object,

, , Mi/Km, , of Bench Mark, (start entry with article (a,an,the) if applicable)

GEODETIC

LEVELING (LOOP)

NOAA FORM 5 (8-71)

N.C. GEODETIC SURVEY

114 WSM 1949 682

114 WSM 1949

RESET 1984

WILD N3

π GWT □ LWA

WIND/SUN

0/2

TIME

13:30

DATE

05-29-84

STATION	THREAD READING BACKSIGHT	WILD ROD READING		STADIA Δ/Σ	READING CHECK Δ/Σ	ROD AND TEMP	THREAD READING FORESIGHT	WILD ROD READING		STADIA Δ/Σ	READING CHECK Δ/Σ	REMARKS
		LEFT	RIGHT					LEFT	RIGHT			
OLD MARK		27374	5.7535	(MEAN 5.7532)		012190		16310	4.6464	(MEAN 4.6464)		RESET MARK
		3.0155						3.0155				
		57829				75°F		46465				
RESET MARK		16061	4.6218	(MEAN 4.6217)				27226	5.7281	(MEAN 5.7281)		OLD MARK
		3.0155						3.0155				
		46216						57281				
		3.0155						3.0155				
		10.3845	10.3753					10.3746	10.3745			
		3.0155						3.0155				
		3.0155						3.0155				
	NGVD 29 Elevations	ELEV: 114 WSM 1949 682				(USGS QUAD # 186)		FEET = 681.601		METRIC = 207.7524		
		3.0155					AVERAGE DIFFERENCE + 3.631		+ 1.1066			
		3.0155						3.0155				
		ELEV: 114 WSM 1949 - RESET 1984						= 685.232		208.8590		
		3.0155						3.0155				
		3.0155						3.0155				
		3.0155						3.0155				
		3.0155						3.0155				