

113 NORTH CAROLINA
TROY QUADRANGLE

35-079-34
N3515-W7945/15

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THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

35-079-34
TROY QUADRANGLE
NORTH CAROLINA
N3515-W7945/15
DIAGRAM NI 17-3
RALEIGH

Montgomery and Moore Counties

Final adjustment of 1974

Edition of 2/19/75

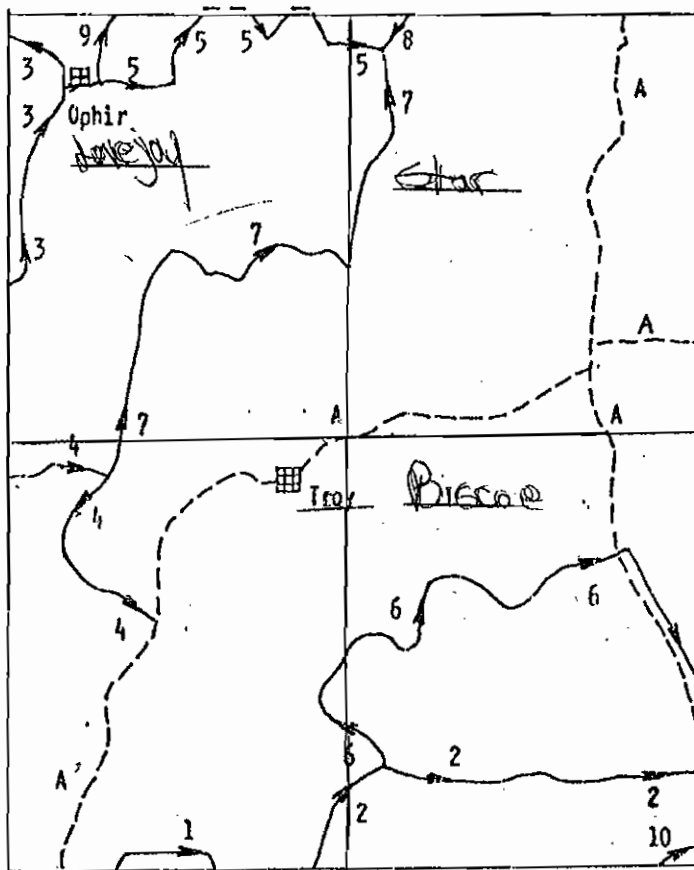
PR: WSM/rmc

NGVD 29
Elevations

ASHEBORO
(150)

ALBEMARLE
(114)

ROBBINS
(112)



ELLERBE
(76)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 350793

TROY QUADRANGLE
Book AV 390

113 NORTH CAROLINA

W. S. Monk

35-079-34

3

1954

NGVD 29
Elevations

LINE 1.

Feet

By W. S. Monk, 1954; Book AV 390

Calvary Baptist Church; 230 ft SW. of SW. corner; 20 ft N. and 55 ft E. of, and 3 ft above junction of rd. W.; in concrete post; standard tablet stamped "73 WSM 1954 459" (Reported destroyed, 1963) 458.630

Reference mark; 7 ft E. of tablet; in face of E. side of 40-in. oak tree; rail spike 459.07

LINE 2.

By W. S. Monk, 1954; Book AV 390

Calvary Baptist Church, 2.5 mi S. of, thence 3.4 mi NE.; 1.6 mi S. of Onvil School (abandoned); 50 ft N. and 27 ft W. of, and 5 ft above V-rd. junction; in limestone outcrop; standard tablet stamped "77 WSM 1954 343" 343.337

Reference mark; 140 ft S. of tablet; 20 ft W. of rd.; in face of E. side of 12-in. gum tree; rail spike 331.90

Onvil School; 73 ft E. of SE. corner; 37 ft NW. of center of rd.; 9 ft W. of power pole; in concrete post; standard tablet stamped "TI 22 HF 1949 520" 519.968

Candor, 1.3 mi S. of, along U. S. Highway 220, thence 6.7 mi W. along Troy-Perkin Road; 460 ft SE. of junction of Troy-Perkin Road and Candor Road; 29 ft S. of center of E.-W. rd.; 60 ft W. of power pole No. 4 CA-118; 3 ft above rd. junction; in concrete post; standard tablet stamped "TI 23 HF 1949 532" 531.114

Reference mark; 460 ft NW. of tablet; 50 ft W. of center of Troy-Pekin Road; 20 ft N. of woods rd. W.; in face on E. side of 14-in. gum tree; rail spike 506.80

Candor, 1.3 mi S. of, along U. S. Highway 220, thence 4.9 mi W. along the Onvil-Pekin Road; 585 ft SW. of old cemetery; 24 ft from center of rd.; 9 ft W. of 6-in. oak tree; in concrete post; standard tablet stamped "TI 24 HF 1949 554" 554.022

Reference mark; 600 ft SE. of tablet; 20 ft SE. of rd.; in root on SW. side of 14-in. pine tree; copper nail and washer 533.29

Candor, 1.3 mi S. of, along U. S. Highway 220, thence 2.3 mi W. along Onvil-Pekin Road; at turn-out on N. side of rd.; 30 ft N. of center of rd.; at crest; in center of round grassy plot formed by graded turn rd.; in concrete post; standard tablet stamped "TI 25 HF 1949 670" 669.402

Reference mark; 280 ft E. of tablet; on S. end of concrete pipe culvert; chiseled cross 665.92

LINE 3.

By W. D. Leech, 1955; Book AV 458

1 48 10.57 Uwharrie, 1.3 mi N. of, 45 ft NW. of junction of rd. SW., in concrete post; standard tablet stamped "WDL 12 1955 438" 437.776

LINE 3 (Cont'd)

			<u>Feet</u>
1 49	10.59	Reference mark; 120 ft NE. of tablet; 60 ft E. of rd.; in S. root of 12-in. oak tree; copper nail and washer	446.30
1 50	11.30	U.E., SW. corner of bridge, on back wall; chiseled square	342.44
1 51	12.66	Uwharie, 3.3 mi N. of, 200 ft N. of house W. of rd.; 150 ft N. of R. E. A. pole 31-28, 30 ft E. of rd., in concrete post; standard tablet stamped "WDL 13 1955 439" ?	439.292
1 52	12.80	Reference mark, 760 ft N. of tablet; 50 ft E. of rd., in W. root of 12-in. sweet gum tree; copper nail and washer	432.03
1 52	13.46	U.E., 90 ft S. of drive to house E. of rd., W. of rd., on capstone over concrete pipe; chiseled square	512.53
1 54	14.65	Ophir, 300 ft N. of church; in line with and 35 ft W. of T-rd. E.; 23 ft NE. of R.E.A. power pole 31-60; in concrete post; standard tablet stamped "WDL 14 1955 548" (Reported not found, 1957)	548.231
1 54	14.73	Reference mark; 440 ft N. of tablet; 30 ft W. of rd.; in root of 6-in. oak tree; copper nail and washer	549.35
1 55	15.22	U.E., 40 ft N. of T-rd. W. to Goggins Mine; on E. end of 14-in. concrete pipe; chiseled square	553.68

LINE 4.

By W. D. Leech, 1955; Book AV 458

2 4	2.28	Uwharie, 2.6 mi SW. of, thence 2.2 mi SE.; 2.2 mi NE. of Mt. Carmel Chapel; 20 ft W. of W. edge of cleared field; 40 ft NE. of rd.; in concrete post; standard tablet stamped "WDL 23 1955 726"	726.191
2 7	4.51	Liberty Hill, 3.5 mi NE. of; 4.0 mi W. of Troy, 200 ft S. of Mt. Carmel Baptist Church, 60 ft S. and 25 ft W. of T-rd. W., at ground level, in concrete post; standard tablet stamped "WDL 24 1955 725"	725.241
2 7	4.52	Reference mark; 60 ft NE. of tablet; on SW. corner of base of tombstone marked "CORRELL"	726.09
2 9	6.37	Liberty Hill, 1.5 mi NE. of; 1.9 mi SW. of Mt. Carmel Church; in line with and 25 ft NW. of junction of T-rd. SE., in concrete post; standard tablet stamped "WDL 25 1955 703"	703.338
2 10	6.37	Reference mark; 150 ft SE. of tablet; 25 ft SW. of rd.; in E. root of 12-in. maple tree; copper nail and washer	703.28
2 11	8.06	Liberty Hill, 1.5 mi NE. thence 1.7 mi SE. of; at a steel tower transmission line; 25 ft SW. of rd.; in concrete post; standard tablet stamped "WDL 26 1955 655"	654.797

LINE 4 (Cont'd)

			<u>Feet</u>
2	12	8.06 Reference mark; 70 ft W. of tablet; 30 ft SW. of rd.; in root of 8-in. pine tree; copper nail and washer	653.98
2	14	9.55 "T 72 1934" (NGS)	526.003

LINE 5.

By W. D. Leech, 1955; Book AV 458

2	15	0.00 "WDL 14 1955 548" (Described in line 3) (Reported not found, 1957)	548.231
2	17	1.42 U.E., NE. corner of bridge; on concrete wingwall; chiseled square	458.15
2	17	1.76 U.E., SE. corner of bridge, on concrete wingwall; chiseled square	470.56
2	17	1.94 U.E., SE. corner of bridge, on concrete wingwall; chiseled square	477.98
2	19	2.47 Ophir, 2.4 mi E. of, 40 ft SW. and 30 ft SE. of junction of I-rd. NW., in concrete post; standard tablet stamped "WDL 34 1955 615"	614.520
2	19	2.49 Reference mark; 130 ft N. of tablet; 45 ft W. of rd., in root of 12-in. pine tree; copper nail and washer	605.53
2	19	2.70 U.E., NE. corner of bridge, on concrete wingwall; chiseled square	526.68
2	28	8.44 Abner, 2.0 mi E. of; 40 ft W. and 25 ft N. of I-rd. N.; in concrete post; standard tablet stamped "WDL 37 1955 747"	746.642
2	28	8.46 Reference mark, 90 ft E. of tablet; 30 ft N. of rd., in root of 12-in. oak tree; copper nail and washer	748.80

LINE 6.

By W. D. Leech, 1955; Book AV 458

2	30	0.00 "TT 22 HF 1949 520" (Described in line 2)	519.968
2	30	0.01 Reference mark; 50 ft W. of tablet; on concrete foundation of well cover	519.75
2	31	1.59 U.E., NE. of rd., on SE. end of concrete pipe under drive; chiseled square	517.90
2	32	2.13 Onvil, 1.2 mi NW. of; 20 ft SE. and 30 ft NE. of I-rd. S.; in top of concrete post; standard tablet stamped "WDL 38 1955 458"	458.257
2	32	2.22 Reference mark, 490 ft N. of tablet; E. of rd., on corner of L-shaped culvert; chiseled square	432.25

LINE 6 (Cont'd)

				<u>Feet</u>
2	33	2.48	U.E., N. wingwall of W. end of bridge over Little River; chiseled square	372.77
2	35	4.05	Onvil, 3.1 mi N. of; 40 ft S. of drain crossing; 45 ft E. of rd.; in concrete post; standard tablet stamped "WDL 39 1955 379"	379.243
2	36	4.06	Reference mark; 70 ft NW. of tablet; 20 ft S. of drain, 20 ft W. of rd., in root of 12-in. hickory tree; copper nail and washer	378.57
2	36	4.51	U.E., 100 ft SW. of T-rd. SW.; 30 ft SE. of rd.; on bottom step at entrance to former house; chiseled square	482.61
2	39	5.94	Biscoe, 7.5 mi SW. of; 650 ft NW. of store; in SE. angle of wood rd. SW.; 30 ft SW. of rd.; in concrete post; standard tablet stamped "WDL 40 1955 478"	478.133
2	39	5.95	Reference mark; 20 ft NW. of tablet; in root of 6-in. pine tree; copper nail and washer	477.31
2	42	8.16	Biscoe, 5.3 mi SW. of; at rd. fork SE.; opposite S. leg of junction; 30 ft E. of rd.; in concrete post; standard tablet stamped "WDL 41 1955 522"	522.279
2	42	8.17	Reference mark; 10 ft S. of tablet; in N. root of double oak tree; copper nail and washer	522.61
2	43	9.65	Biscoe, 3.8 mi SW. of, in NW. angle of rd. fork NE.; 40 ft N. of junction; in concrete post; standard tablet stamped "WDL 42 1955 573"	573.309
2	44	9.80	Reference mark; 780 ft E. of tablet; 40 ft N. of rd.; in root of 8-in. oak tree; copper nail and washer	560.15
2	45	10.56	U.E., NE. corner of bridge; on concrete backwall; chiseled square	488.37
2	46	11.22	Biscoe, 2.3 mi SW. of; 100 ft N. of crossroads; poor rd. S.; 25 ft W. of rd.; in concrete post; standard tablet stamped "WDL 43 1955 592"	591.611
2	46	11.23	Reference mark; 20 ft S. of tablet; in root of 6-in. pine tree; copper nail and washer	591.89
2	47	12.09	U.E., N. of rd., on concrete pipe; chiseled square	595.19
2	48	13.55	"Z 75 1935" (NGS) (Reported disturbed, 1957)	609.497

LINE 7.

By W. D. Leech, 1955; Book AV 458

3	1	0.00	"WDL 24 1955 725" (Described in line 4)	725.241
3	1	0.41	U.E., boulder N. of junction of rd. fork S.; chiseled square	725.47
3	2	1.14	U.E., 60 ft N. of rd. W., on W. end of pipe; chiseled square	710.87

LINE 7 (Cont'd)

				<u>feet</u>
3	2	1.50	U.E., SE. angle of crossroads Hwy. 109, on culvert; chiseled square	722.29
3	3	2.03	Mt. Carmel Church, 2.0 mi N. of; 0.5 mi N. of Hwy. 109; 100 ft S. of house E. of rd.; 20 ft E. of rd.; in concrete post; standard tablet stamped "WDL 27 1955 762"	761.306
3	3	2.03	Reference mark; 40 ft N. of tablet; 30 ft E. of rd.; in root of 10-in. oak tree; copper nail and washer	761.59
3	4	2.75	U.E., E. of rd., on concrete pipe; chiseled square	786.97
3	5	3.14	U.E., E. of rd., on concrete pipe; chiseled square	789.66
3	6	4.14	Mt. Carmel Baptist Church, 4.1 mi N. of; 20 ft E. of rd. at junction of drive SW. to house; 20 ft S. of pipe under rd.; in concrete post; standard tablet stamped "WDL 28 1955 815"	815.129
3	6	4.16	Reference mark; 100 ft N. of tablet; 20 ft E. of rd.; in root of 8-in. oak tree; copper nail and washer	813.80
3	9	5.64	Mt. Carmel Church; 4.6 mi N. of, thence 1.0 mi E., in line with and 20 ft E. of junction of T-rd. W., in concrete post; standard tablet stamped "WDL 29 1955 805"	805.029
3	10	5.66	Reference mark; 70 ft S. of tablet; in W. root of 24-in. oak tree; copper nail and washer	807.40
3	11	6.58	U.E., S. of rd., on concrete pipe; chiseled square	767.15
3	13	7.55	Lovejoy Church, 180 ft N. of NW. corner of church; 61 ft NW. of NW. corner of temporary outside summer church; 21 ft NE. of 3 ft oak tree; 16 ft SE. of cedar tree; 30 ft SE. of rd.; in concrete post; standard tablet stamped "WDL 30 1955 727"	727.060
3	14	7.57	Reference mark; 90 ft NE. of tablet; 20 ft NW. of rd.; in root of 30-in. oak tree; copper nail and washer	724.54
3	16	8.55	U.E., SE. abutment of bridge over creek; chiseled square	520.22
3	18	9.28	Lovejoy Church, 1.7 mi E. of; 40 ft E. of stream crossing; 25 ft S. of rd.; in concrete post; standard tablet stamped "WDL 31 1955 517"	517.002
3	18	9.29	Reference mark; 60 ft N. of tablet; in E. root of 8-in. oak tree; copper nail and washer	518.41
3	22	11.44	"WDL 32 1955 655" (<u>Reported destroyed, 1957</u>)	655.171
3	22	11.45	Reference mark; 65 ft NW. of tablet; in root of 10-in. oak tree; copper nail and washer	652.86

TROY QUADRANGLE

113 NORTH CAROLINA

35-079-34
8

LINE 7 (Cont'd)

Feet

- | | | | | |
|---|----|-------|---|---------|
| 1 | 27 | 13.41 | Lovejoy Church, 2.7 mi E. of, thence 3.1 mi N.; 20 ft N. and 25 ft E. of junction of woods rd. E. to old house; in concrete post; standard tablet stamped "WDL 33 1955 625" | 624.973 |
| 3 | 27 | 13.46 | Reference mark; 160 ft NW. of tablet; 40 ft W. of rd.; in root of 12-in. oak tree; copper nail and washer | 623.21 |

LINE 8.

By W. D. Leech, 1956; Book AV 458

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

LINE 9.

By W. D. Leech, 1956; Book AV 458

- | | | | | |
|---|---|------|--|---------|
| 9 | 1 | 0.00 | "WDL 14 1955 548" (Reported not found, 1957) (Also in lines 3 and 5) | 548.231 |
| 9 | 1 | 0.58 | U.E., 40 ft N. of T-rd. W. to Goggins mine; on E. end of 14-in. concrete pipe; chiseled square | 553.71 |

LINE 10.

By Wayne Monk, 1955; Book AV 390

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

NGVD 29
Elevations