

THIRD-ORDER LEVELING  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

35-077-31  
KINSTON QUADRANGLE  
~~104~~ NORTH CAROLINA  
N3515-W7730/15  
DIAGRAM NI 18-1  
ROCKY MOUNT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

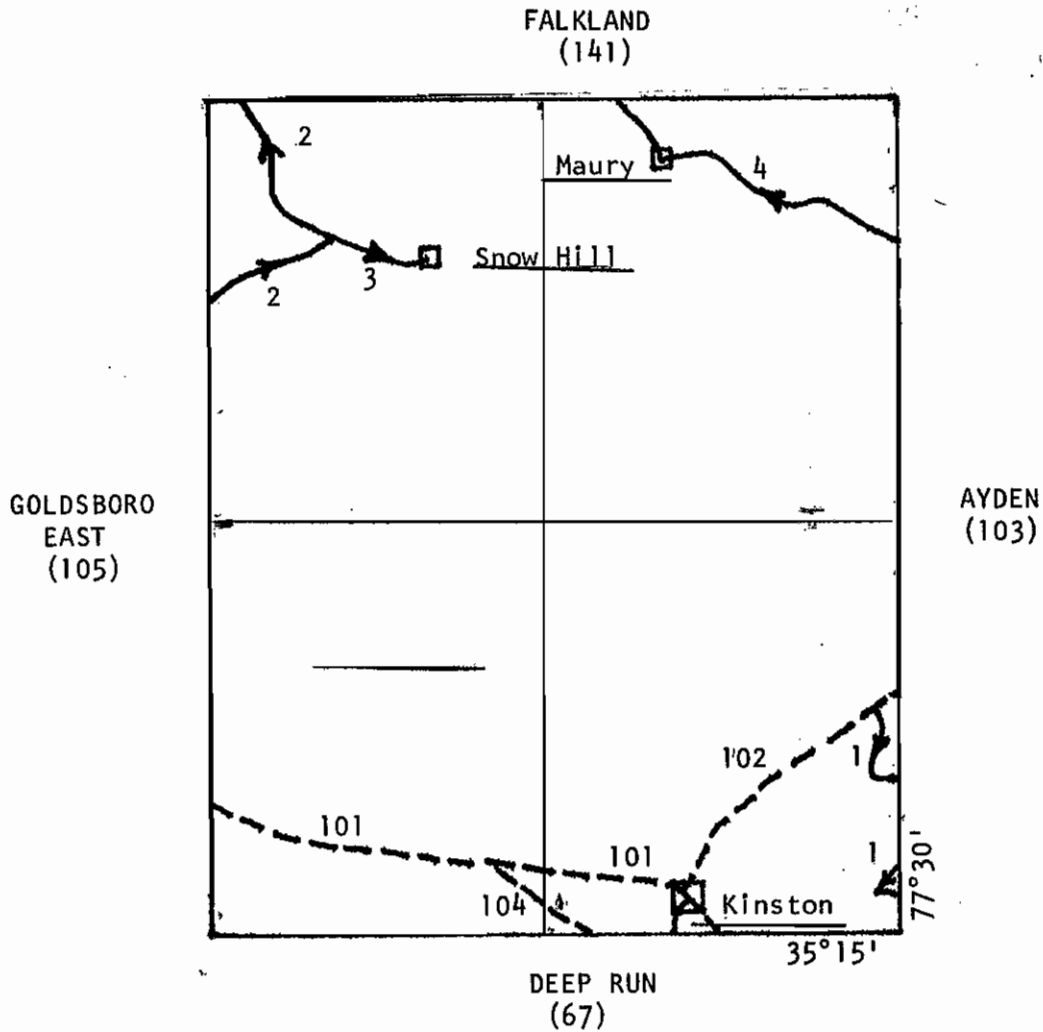
Greene and Lenoir Counties

Preliminary adjustment of 1980

Edition of 8/7/80

PR: JWG/wjf

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Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

Line 101, 102 & 104 - Quadrangle 350773

INDEX OF PERMANENT MARKS

MARK (USGS)

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	<u>Feet</u>
ISOLATED BENCH MARKS (By W. C. Hall, 1896; Book 5005; C. B. Kendall, 1901; Book 9024; C. W. Arnold, 1913; Book A9239)	
Kinston, in N. face of NW. corner of portico on W. end of county courthouse; standard tablet stamped "48 RALEIGH" ( <u>Reported destroyed, 1939</u> )	43.914
Falling Creek, 31 ft S. of N. rail to main track W. of highway; on iron post; standard tablet stamped "55" (Tied by NGS, 1968)	54.531
Grainger, 6 ft S. of post office; 27 ft E. of center of hwy.; 126 ft E. of N. rail of A.C.L. RR.; on iron post; standard cap stamped "77 RALEIGH" (Reported not found, 1979)	73.900
Snow Hill, in wall at N. side of entrance to county courthouse; standard tablet stamped "64 RALEIGH PRIM TRAV STA NO 14 1913"	64.357
*Grainger, 2.5 mi N. of; 280 ft SE. of house; E. side of rd.; on iron post; standard cap stamped "1913 74"	73.880
Grainger, 5.2 mi N. of; 15 ft NE. of rd. forks; on iron post; standard cap stamped "PRIM TRAV STA NO 9 1913 73"	73.235
Ormondsville, in NE. corner at crossroads; opposite H. C. Ormond's store; on iron post; standard cap stamped "1913 72"	72.460
Maury, in N. side of Hardy Brothers store; 1.5 ft above ground; 1.5 ft from NE. corner; standard tablet stamped "1913 78"	78.272
Maury, 3.4 mi W. of; 200 ft NW. of Grimsley Church; in SE. corner of crossroads; in iron post; standard cap stamped "1913 84"	84.283
Snow Hill, 2.7 mi S. of; in NW. corner at rd. forks; .19 mi S. of stream crossing; on iron post; standard cap stamped "1913 112" ( <u>Reported destroyed, 1979</u> )	112.535
Snow Hill, 7.6 mi S. of; in NE. corner of rds.; on iron post; standard cap stamped "PRIM TRAV STA NO 13 1913 115"	115.648
Institute, 2.5 mi S. of; 30 ft S. of rd. forks; on iron post; standard cap stamped "1913 110" ( <u>Reported destroyed, 1979</u> )	110.324
Institute, 6.2 mi S. of; .27 mi W. of Fields Siding; NE. of rd. crossing of N.-S. track; on iron post; standard cap stamped "PRIM TRAV STA NO 12 1913 108" ( <u>Reported not found, 1979</u> )	108.775
Kinston, 3.8 mi NW. of; 20 ft SE. of center of crossing of N.-S. RR. and Kinston-Institute Road; on iron post; standard cap stamped "1913 107" ( <u>Reported not found, 1979</u> )	106.745

ISOLATED BENCH MARKS (Cont'd)

Feet

Kinston, 6.0 mi NW. of; 130 ft S. of point of switch; between switch and main track; on iron post; standard cap stamped "1913 102"  
(Reported not found, 1979)

101.862

Dawson, 1.4 mi N. of; 15 ft NE. of center of track at rd. crossing; on iron post; standard cap stamped "1913 91.0" (Reported not found, 1979)

90.782

Glenfield, 1.9 mi N. of; 350 ft S. of Suggs Siding; 20 ft W. of rd. crossing; on iron post; standard cap stamped "1913 102.0"  
(Reported not found, 1979)

101.780

LINE 1.

By W. S. Monk, 1954; Book AV 412

"A 84 1935" (NGS)

74.314 12.3

Grainger, 0.5 mi SE. of station, thence 1.9 mi S.; 1.4 mi E. of junction of State Highways 11 and 55; 25 ft S. and 110 ft W. of, and 1 ft lower than T-rd. N.; 1 ft N. and 3 ft E. of corner fence post; 20 ft NW. of 40-in. oak tree; in concrete post; standard tablet stamped "90 WSM 40 1954"

40.306 12.3

Grainger, 0.5 mi SE. of station, thence 1.9 mi S., thence 1.8 mi E., thence 2.2 mi S.; 3.0 mi SE. of Kinston, along U. S. Highway 70, thence 3.6 mi NE.; 2.2 mi S. of Fletcher D. White store and service station; 37 ft SW. and 27 ft NW. of, and level with T-rd. SE.; 15 ft SW. of dim rd. NW.; in concrete post; standard tablet stamped "92 WSM 33 1954"

32.846 10.0

LINE 2.

By W. S. Monk, 1954; Book AV 412

Snow Hill, 3.9 mi W. of; 0.3 mi E. of crossroads; at drain; 25 ft S. of, and 3.0 ft lower than State Highway 102; in center of S. concrete headwall of culvert; standard tablet stamped "110 WSM 97 1954"

96.515 29.4

Snow Hill, 2.0 mi W. of; 95 ft SE. of store; 135 ft W. of, and 2 ft above junction of State Highways 102 and 58; 25 ft S. of, and 2 ft lower than Highway 102; in W. end of concrete headwall of culvert; standard tablet stamped "111 WSM 62 1954"

61.477 18.1

Snow Hill, 2.0 mi W. of, thence 1.8 mi NW.; 0.3 mi N. of Harrells Chapel; 20 ft E. of State Highway 58; 270 ft S. and 4 ft lower than junction of Y-rd. W.; in S. end of W. concrete headwall of culvert; standard tablet stamped "112 WSM 61 1954" (Reported not found, 1976)

61.368

Reference mark; 0.3 mi S. of tablet; 20 ft W. of rd.; on S. end of concrete headwall of culvert; chiseled cross

66.73

LINE 2 (Cont'd)Feet

Snow Hill, 2.0 mi W. of, thence 3.7 mi NW.; 0.4 mi NW. of crossing of Fort Run; 140 ft S. and 29 ft E. of, and 1 ft lower than junction of rd. E. at offset crossroads; 12 ft W. of R.E.A. pole No. B-6842; in concrete post; standard tablet stamped "113 WSM 61 1954"  
(Reported not found, 1976) 60.950

Reference mark; at Fort Run, 20 ft E. of State Highway 58' and S. end of E. concrete headwall of culvert; chiseled square 51.88

LINE 3.

By W. S. Monk, 1954; Book AV 412

"111 WSM 62 1954" (Described in line 2) 61.477

Snow Hill, 1.0 mi W. of; 18 ft E. of center of State Highways 58 and 102; 1.0 mi W. of their junction with U. S. Highway 258; in concrete post; NGS standard triangulation station disk stamped "SNOW HILL 1933" 111.532 **34**

Reference mark; 35 ft W. of center of hwy.; 10 ft S. of 6-in. oak tree; on right-of-way at top of cut; in concrete post; NGS standard reference mark disk stamped "SNOW HILL NO 2 1933" 111.484

LINE 4.

*destroyed  
Oct 96 by  
NCDOT*

By R. L. Meador, 1978; Book AV 1732

1 36 5.75 U.E., centerline of T-rd. S.; nail and cap 68.379

1 37 6.35 U.E., centerline of T-rd. S.; nail and cap 66.057

1 38 7.12 Scuffleton, 2.3 mi W. of along State Route 102; at cement block church; 77 ft S.; 164 ft W.; and 1.3 ft lower than centerline of T-rd. SW.; 23 ft W. of NW. corner of church; 1.5 ft W. of power pole; in top of concrete post; standard tablet stamped "27 MEA 1978 66" 66.201 **20.2**

1 39 8.21 U.E., centerline of X-rds.; nail and cap 72.975

1 40 8.97 U.E., centerline of T-rd. S.; nail and cap 74.079

1 41 9.32 Maury, 1.6 mi E. of along State Route 903; 20 ft S. and 0.3 ft lower than centerline of rd. at drain crossing; set in center of S. concrete headwall of culvert; standard tablet stamped "28 MEA 1978 58" 58.236 **17.75**

1 42 10.09 U.E., centerline of T-rd. N.; nail and cap 72.021

1 43 10.87 Maury, 67 ft N. and 0.5 ft higher than centerline of T-rd. S.; 3 ft E. of phone booth; 4.5 ft SW. of SW. corner of Post Office; in top of concrete post; standard NCGS disk stamped "MAURY 1976" 75.948 **23.1**

LINE 3 (Cont'd)Feet

- 1 44 11.20 Maury, 0.3 mi NW. of Post Office; 31 ft E. and level with centerline of rd. opposite; 60 ft NE. of N. end of 18-in. culvert under drive to small block house; in concrete post; standard NCGS disk stamped "BALL 1976"
- 1 45 12.29 Maury, 1.4 mi NW. of post office along State Route 123; 65 ft NE. and 0.5 ft lower than centerline of rd. opposite; 8.7 ft E. of NW. corner of barn; 11.3 ft NE. of NE. corner of barn; in concrete post; standard NCGS tablet stamped "TANK 1976"

77.667 28.72

76.284 23.25

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