

THIRD-ORDER LEVELING  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

230  
36-076-24  
SOUTH MILLS QUADRANGLE  
230 NORTH CAROLINA  
N3615-W7615/15  
DIAGRAM NJ 18-10  
NORFOLK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

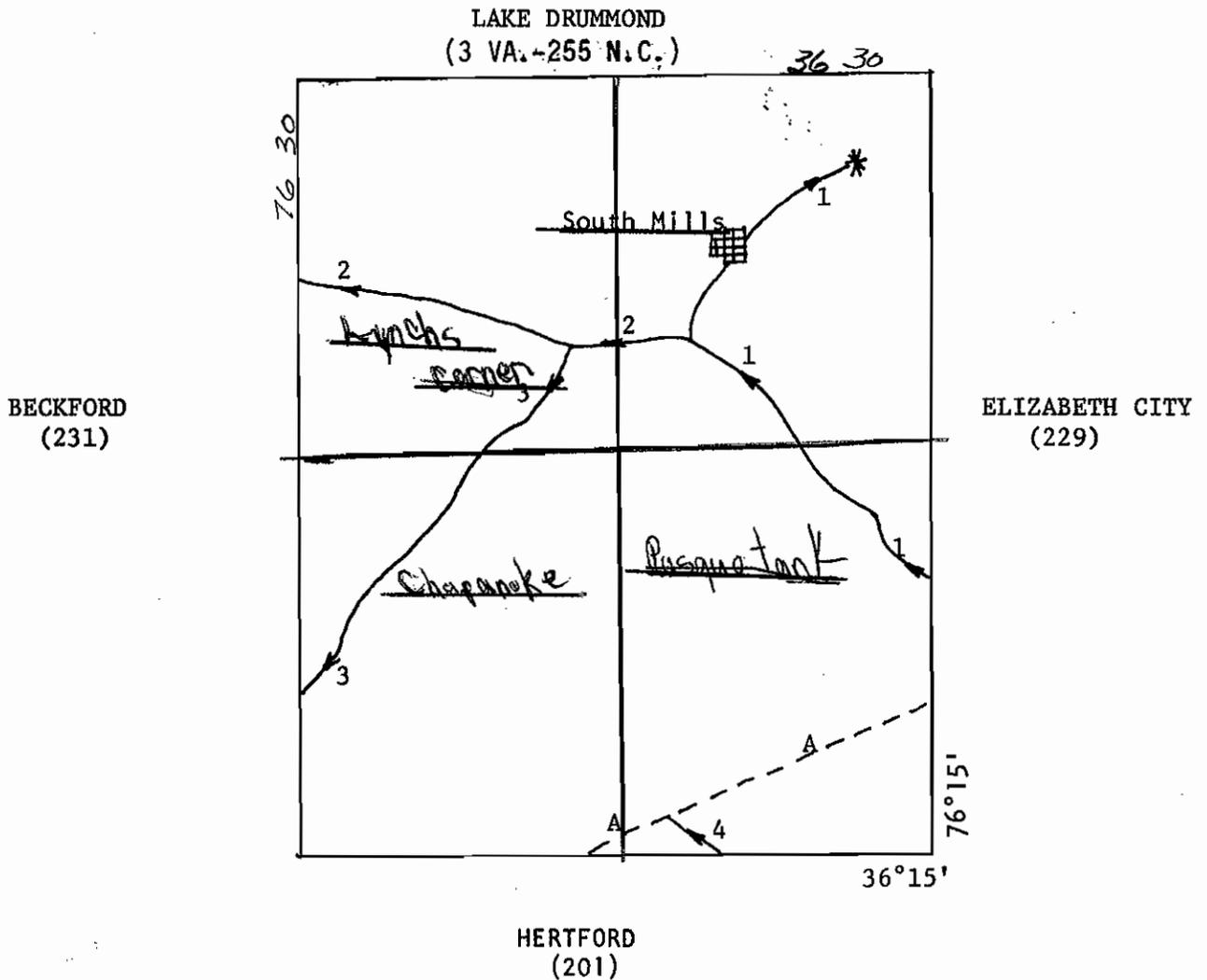
Camden, Currituck, Gates, Pasquotank,  
and Perquimans Counties

Final adjustment of 1975

Edition of 6/9/77

PR: WSM/ale

NGVD 29  
Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360762

\* Tie to Isolated Mark

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
2 MEA 1976 11	3	21 MEA 1976 11	7
3 MEA 1976 13	3	22 MEA 1976 14	7
4 MEA 1976 12	3		
5 MEA 1976 7	4	<u>USED</u>	
6 MEA 1976 13	4		
7 MEA 1976 12	4	MON 1144+54 1941	4
8 MEA 1976 13	4		
9 MEA 1976 11	5	<u>NGS</u>	
10 MEA 1976 9	5		
11 MEA 1976 11	5	TAR 1931	3,5
12 MEA 1976 14	5	TAR NO 3 1931	3
13 MEA 1976 19	6	W 178 1963	7
14 MEA 1976 16	6		
19 MEA 1976 18	6		
20 MEA 1976 14	6		

NGVD 29  
Elevations

1938

## ISOLATED BENCH MARKS (By C. A. Turner, 1938; Book B7870)

Feet

Tar Corner; 3.0 mi NE. of South Mills (airline); in NW. corner of barnyard of C. T. Sawyer; 87 ft NE. of NE. side of dwelling; 26 ft S. of NW.-SE. fence; 39 ft S. of centerline of NW.-SE. rd.; 41 ft SE. of 18-in. oak tree; in concrete; NGS standard triangulation station designated "TAR 1931"

9.865

Reference mark No. 3; 0.3 mi NW. of disk; in NW. corner of farmyard; on S. side of entrance to field; 20 ft E. of centerline of rd.; 131 ft E. of house on W. side of rd.; in concrete; NGS standard reference mark disk stamped "TAR NO 3 1931"

13.533

LINE 1.NGVD 29  
Elevations

By R. L. Meador, 1976; Book AV 1722

1	3	2.46	U.E., in centerline of T-rd. E.; nail and bottle cap	10.07
1	4	3.20	Elizabeth City, 3.2 mi N. of junction of Business and Bypass 17, on N. side of town, along U. S. Highway 17; 54 ft NE. and 116 ft NW. of, and 0.9 ft higher than centerline of T-rd. SE.; in concrete base of American Oil Company sign at self service gas pumps; standard tablet stamped "2 MEA 1976 11"	3,424 11.398
1	5	4.07	U.E., in centerline of northbound lane at T-rd. E.; nail and cap	11.19
1	6	4.77	Elizabeth City, 4.8 mi N. of Business and Bypass 17 on N. side of town, along U. S. Highway 17; 85 ft S. and 30 ft W. of, and 0.4 ft lower than T-rd. W. (County Road 1339); 1.5 ft N. of pole; 0.5 ft E. of metal witness post; in concrete post projecting 1 in. above ground; standard tablet stamped "3 MEA 1976 13"	3,995 13.106
1	7	5.68	U.E., in centerline of T-rd. W. (County Road 1340); nail and cap	11.80
1	8	6.10	Elizabeth City, 6.1 mi N. of Business and Bypass 17 on N. side of town, along U. S. Highway 17; 4.9 mi S. of Morgans Corner; 34 ft N. and 168 ft E. of, and 1.4 ft higher than centerline of T-drive E. to Sawyers Mobile Home Park; 2 ft S. of pole; in concrete post projecting 3 in.; standard tablet stamped "4 MEA 1976 12"	3,786 12.421

NGVD 29  
ElevationsLINE 1 (Cont'd.)Feet

1	9	7.40	Morgans Corner, 3.6 mi SE. of junction of U. S. Highways 17 and 158, along Highway 17; 28 ft E. of, and 2.4 ft lower than centerline of rd. at drain crossing; in concrete headwall, 3 ft S. of N. end; standard tablet stamped "5 MEA 1976 7"	2,256 7.401
1	10	8.25	U.E., in centerline of rd. at trail SW.; nail and cap	10.45
1	11	9.40	Morgans Corner; 1.6 mi SE. of junction of U. S. Highways 17 and 158, along Highway 17; 29 ft NE. of, and 1.9 ft lower than centerline of rd. at drain crossing; in N. end of NE. concrete headwall; standard tablet stamped "6 MEA 1976 13"	3,917 12.850
1	12	10.02	U.E., in centerline of rd. at field rd. SW.; nail and cap	14.75
1	13	10.99	U.E., in centerline of T-rd. N. (U. S. Highways 17 and 158); nail and bottle cap	16.02
1	14	11.33	Morgans Corner, 0.3 mi N. of junction of U. S. Highways 158 and 17; in E. wheelguard of bridge; 3 ft S. of N. end; standard tablet stamped "7 MEA 1976 12"	3,530 11.582
1	15	12.28	Morgans Corner, 1.3 mi N. of junction of U. S. Highways 17 and 158, along Highway 17; 1 ft S. of N. end of E. concrete wheelguard of bridge; 0.6 ft higher than centerline of N. end of bridge; chiseled square	7.95
1	16	13.39	South Mills; at bridge over Intercoastal Waterway; 7.4 ft W. of E. end of wheelguard; 7 ft W. of E. end of bridge; in floor of bridge; USED standard disk stamped "MON 1144+54 1941"	4,819 15.809
1	17	13.72	U.E., in centerline of T-rd.; nail and bottle cap	10.22
1	18	15.24	South Mills, 1.8 mi N. of post office, along U. S. Highway 17; 17 ft S. and 59 ft W. of, and 0.6 ft lower than centerline of T-rd. E. (County Road 1226); 0.5 ft E. of metal witness post; in concrete post projecting 1 in.; standard tablet stamped "8 MEA 1976 13"	4,041 13.257
1	19	15.95	U.E., in centerline of T-rd. W.; nail and cap	10,794

LINE 1 (Cont'd.)

			<u>Feet</u>	
1	20	16.94	South Mills, 1.8 mi N. of post office, along U. S. Highway 17, thence 1.6 mi NE. along County Road 1226; 33 ft S. and 100 ft W. of, and 1.4 ft. lower than centerline of rd. at drain crossing; 0.5 ft N. of metal witness post; in concrete post projecting 4 in.; standard tablet stamped "9 MEA 1976 11"	TOP BROKEN OFF DESTROYED DELL, 2001 ESH 3,183 10.442
1	21	17.60	U.E., in centerline of T-rd. N. (County Roads 1231 and 1225); nail and cap	11.70
1	22	19.00	"TAR 1931" (NGS triangulation station)	9.865

LINE 2.

By R. L. Meador, 1976; Book AV 1722

1	24	0.00	U.E., nail and bottle cap (Described in line 1)	16.02
1	24	0.80	U.E., in centerline of rd. at drive S.; nail and cap (PP 1-191 C)	13.16
1	25	1.29	Morgans Corner, 1.3 mi W. of junction of U. S. Highway 17, along U. S. Highway 158; 19 ft N. of, and 0.3 ft lower than centerline of W. end of bridge; in NW. concrete abutment of small bridge; standard tablet stamped "10 MEA 1976 9"	2,734 8.969
1	26	2.48	U.E., in centerline of intersection; nail and cap	12.768
1	27	2.93	Morgans Corner, 2.9 mi W. of junction of U. S. Highway 17, along U. S. Highway 158; 19 ft N. and level with centerline of W. end of bridge; in NW. concrete abutment; standard tablet stamped "11 MEA 1976 11"	3,391 11.126
1	28	3.38	U.E., in centerline of T-rd. N.; nail and cap	16.66
1	29	4.09	Morgans Corner, 4.1 mi W. of junction of U. S. Highway 17, along U. S. Highway 158; 33 ft N. and 44 ft W. of, and 1.5 ft lower than centerline of crossroads (Highway 158 and County Road 1356); 2 ft S. of pole #93; 1 ft W. of metal witness post; in concrete post projecting 3 in.; standard tablet stamped "12 MEA 1976 14"	4,131 13.552
1	30	4.80	U.E., in centerline of rd. at drive S.; nail and cap	20.02

LINE 2 (Cont'd.)Feet

1	31	5.81	Morgans Corner, 5.8 mi W. of junction of U. S. Highway 17, along U. S. Highway 158; 35 ft N. and 53 ft W. of, and 2.6 ft lower than centerline of T-rd. N. (Highway 158 and County Road 1367); 3 ft W. of pole No. 143; 1 ft E. of metal witness post; in concrete post projecting 3 in.; standard tablet stamped "13 MEA 1976 19"	5,862 19.234
1	32	6.72	U.E., in centerline of rd. at drive N.; nail and cap	20.99
1	33	7.47	Morgans Corner, 7.5 mi W. of junction of U. S. Highway 17, along U. S. Highway 158; 33 ft N. and 112 ft E. of, and 6.9 ft lower than centerline of rd. at rd. S.; at Gates-Pasquotank County line; 3 ft S. of pole No. 190; 0.5 ft N. of metal witness post; in concrete post projecting 4 in.; standard tablet stamped "14 MEA 1976 16"	4,875 15.993
1	34	8.45	U.E., in centerline of rd. at canals crossing; nail and cap	20.64

LINE 3.

By R. L. Meador, 1976; Book AV 1722

1	50	0.00	U.E., nail and cap (Described in line 2)	12.768
1	50	0.80	U.E., in centerline of T-rd. NW.; nail and cap	17.11
1	52	1.97	Morgans Corner, 2.5 mi W. of junction of U. S. Highway 17, along U. S. Highway 158, thence 2.0 mi S. along County Road 1001; 29 ft NE. and 110 ft E. of, and 0.9 ft lower than T-rd. SE.; 1 ft W. of pole; in concrete post projecting 1 in. above ground; standard tablet stamped "19 MEA 1976 18"	5,546 18.195
1	53	3.28	U.E., in centerline of T-rd. SE.; nail and cap	18.51
1	54	4.33	U.E., in centerline of T-rd. SE.; nail and cap	18.22
1	55	5.04	Morgans Corner, 2.5 mi W. of junction of U. S. Highway 17, along U. S. Highway 158, thence 5.0 mi S. along County Road 1001; 58 ft NE. and 31 ft NW. of, and 2.8 ft lower than centerline of T-rd. SE.; 2 ft N. of pole; in concrete post projecting 1 in.; standard tablet stamped "20 MEA 1976 14"	4,180 13.714

LINE 3 (Cont'd.)Feet

1	56	6.19	U.E., in centerline of rd. at drive SE.; nail and cap	13.99
1	57	6.90	Morgans Corner, 2.5 mi W. of junction of U. S. Highway 17, along U. S. Highway 158, thence 6.9 mi S. along County Road 1001; 1.7 mi NE. of Up River Cemetery; 15 ft NW. of centerline of bridge; in N. end of NW. wheelguard; standard tablet stamped "21 MEA 1976 11"	3,477 11.407
1	58	7.88	U.E., in centerline of rd. at drive SE.; nail and cap	12.52
1	59	8.57	Whiteston, 0.5 mi NE. of, along County Road 1001; at Up River Cemetery; 35 ft N. and 13 ft E. of, and 1.2 ft higher than centerline of rd. at easternmost drive to cemetery; 5 ft E. of W. end of brick wall; in concrete post level with ground; standard tablet stamped "22 MEA 1976 14"	4,331 14.210

LINE 4.

By R. L. Meador, 1976; Book AV 1722

2	20	16.07	U.E., in centerline of T-rd. SW.; nail and cap	7.54
2	21	17.60	"W 178 1963" (NGS)	9.780