

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

266
36-079-12
MILTON QUADRANGLE
14 VA. 2880 N.C.
N3630-W7900/15
DIAGRAM NJ 17-2
GREENSBORO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

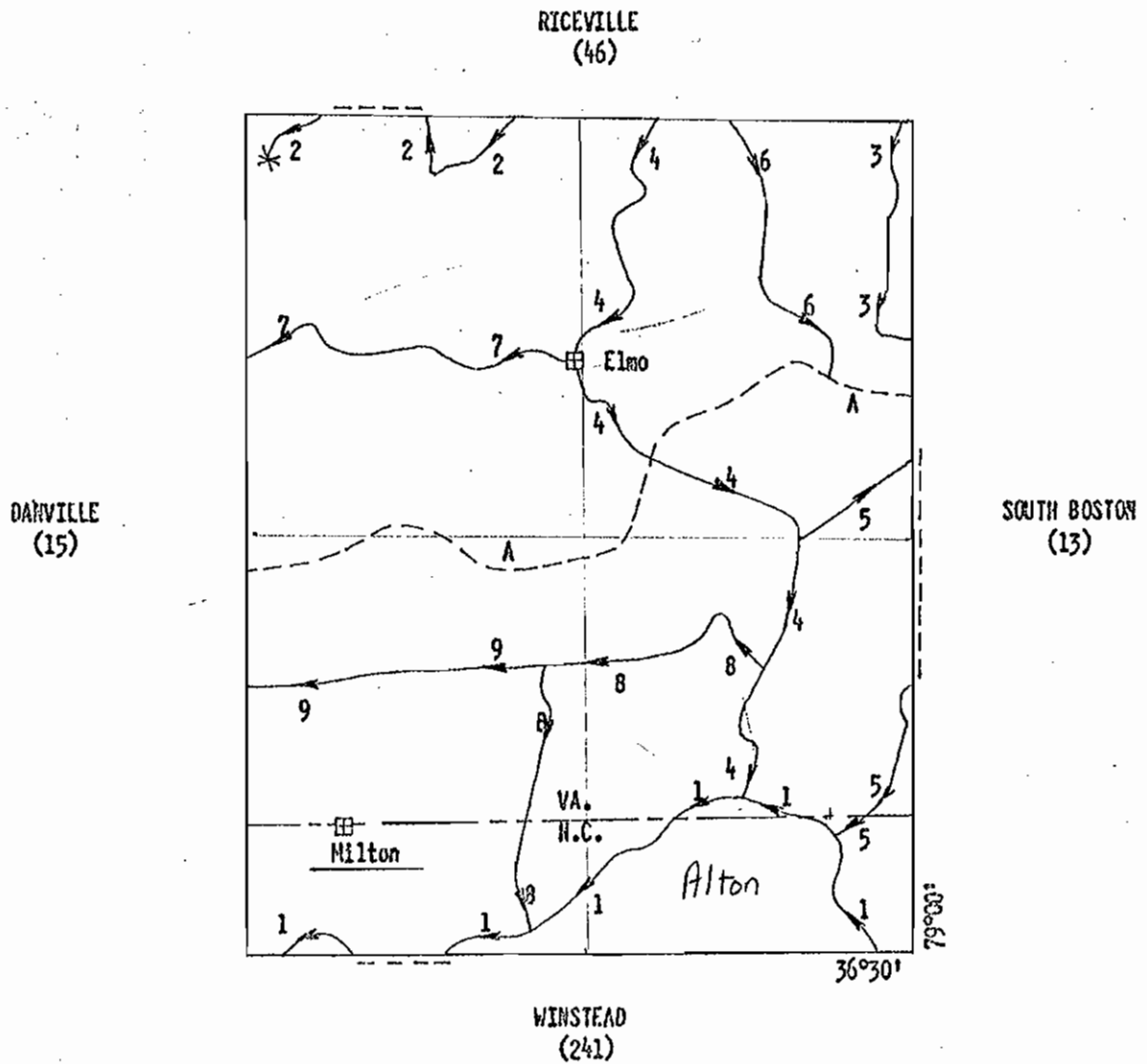
Halifax and Pittsylvania Counties, Va.; Coswell
and Person Counties, N.C.

Final adjustment of 1972

Edition of 6/1/73

PR: WSM/jyk

NGVD 29
Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360791

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 7 1921 McM 566 NC	4	24 EOM 1950 490	6
PTS NO 8 1921 McM	3	27 EOM 1950 475	6
PTS NO 33 1921 VA McM 658 R	3	28 EOM 1950 536	7
TY 56 T 1935 711	4	29 EOM 1950 489	7
TY 47 T 1936 593	3	30 EOM 1950 562	7
TY 48 T 1936 561	8	31 EOM 1950 598	7
TY 50 T 1936 539	6,6	32 EOM 1950 640	7
TY 52 T 1936 RESET 1955	8	34 EOM 1950 RESET 1955	8
TY 58 T 1936 560	5,7	35 EOM 1950 507	8,8
TY 59 T 1936 574	5	36 EOM 1950 542	8
7 EOM 1950 486	3	37 EOM 1950 369	8
8 EOM 1950 517	3,6	38 EOM 1950 452	8
9 EOM 1950 569 - 1262	4		
13 EOM 1950 790 1263	4		
16 EOM 1950 515	4		
17 EOM 1950 355	4		
18 EOM 1950 646	5		
19 EOM 1950 376	5		
20 EOM 1950 366	5		
21 EOM 1950 507	5		
22 EOM 1950 571	6,8		
23 EOM 1950 575	6		
		<u>NGS</u>	
		LEBANON 1932	3,8
		LEBANON NO 2 1932	3
		CUNNINGHAM 1933	3
		CUNNINGHAM NO 2 1933	3,6
		D 53 1934	7
		F 53 1934	5

NGVD 29
Elevations

266

36-079-12

3

MILTON QUADRANGLE
Book B 1483

14 VA.-266 N.C.

C. E. Reich

NGVD 29
Elevations

1923

ISOLATED BENCH MARKS (By C. E. Reich, 1923; Book B 1483)

Feet

Keeling, 3.0 mi NE. of; 0.3 mi W. of Terry School; 50 ft N. of rd.; 6 ft W. of SW. corner of Pine Creek Church; in concrete post; standard tablet stamped "PRIM TRAV STA NO 33 1921 VA McM 658 R" 657.427

Milton; NW. 11 ft from NW. corner of Episcopal Church; 20 ft N. and 35 ft E. of NE. corner of crossing of Main and High Streets; in concrete post; standard tablet stamped "PRIM TRAV STA NO 8 1921 McM" (As reset by C. E. Reich, 1924; 55 ft E. of old location) 474.676

12.50

LINE 1.

E. O. Miner, 1950; Book AV 204

McGehees Mill, 0.8 mi SE. of; 109 ft E. of Y-junction of State Roads 514 and 517; 51 ft S. of drive; 3 ft E. of power pole; in concrete post; standard tablet stamped "7 EOM 1950 486" 2501 486.332

Reference mark; 206 ft SW. of tablet; in E. base of 2-ft oak tree; rail spike 483.15

McGehees Mill, 1.6 mi N. of; at Ephesus Church; 170 ft NE. of Y-junction of State Roads 553 and 553A; 39 ft W. of NW. corner of cemetery; 2 ft SE. of guy wire; in concrete post; standard tablet stamped "8 EOM 1950 517" THIS DESIGNATION USED IN S-BOSTON QUAD (265) 156 APPROX 15 MILES E. OF THIS LOCATION 518.49

12.00

Reference mark No. 2; Cunningham; 48 ft SW. of Y-junction of State Roads 699 and 700; 13 ft SE. of center of rd.; 800 ft NE. of station; in concrete post; NGS standard reference mark disk stamped "CUNNINGHAM NO 2 1933" 588.328

Cunningham, 1.0 mi NE. of; 2.4 mi W. of Ephesus Church; 0.24 mi NE. of North Carolina-Virginia State line; 28 ft SE. of center of rd.; in concrete post; NGS standard triangulation station disk stamped "CUNNINGHAM 1933" 596.791

* Cunningham, 2.1 mi W. of; 0.9 mi S. of North Carolina-Virginia State line where State Road 696 ends; 48 ft N. of, and 54 ft W. of public rd. crossing Southern Railroad; 27 ft N. of N. rail; in concrete post; standard tablet stamped "T 47 T 1936 593" 1257 592.426

Reference mark; 410 ft S. of tablet; 180 ft W. of Y-junction of State Roads 515 and 555; on SE. corner of concrete well cover; chiseled square 589.58

Cunningham, 4.7 mi W. of; 0.9 mi NE. of Senora; in yard of Lebanon Christian Church; 90 ft NW. of NW. corner of church; 59 ft NW. of SW. corner of cemetery; in concrete post; NGS standard triangulation station disk stamped "LEBANON 1932" 594.650

Reference mark No. 2; 87 ft SW. of station; in concrete post; NGS standard reference mark disk stamped "LEBANON NO 2 1932" 593.744

[Jogs into Winstead quadrangle]

MILTON QUADRANGLE

14 VA.--266 N.C.

LINE 1 (Cont'd.)Feet

Semora, 1.2 mi W. of; 68 ft W. of, and 3 ft lower than Y-junction of State Highways 57 and 517; 44 ft SW. of middle of hwy.; 3 ft W. of power pole; in concrete post; standard tablet stamped "9 EQM 1950 569" 1246 568.460

Reference mark; 98 ft SE. of tablet; in E. base of 6-in. pine tree; rail spike 567.10

[Jogs into Winstead quadrangle]

Estelle; 230 ft NW. of rd. forks; 9 ft W. of W. edge of sand-clay rd.; 60 ft E. of residence of W. W. Willis; in frontyard; in concrete post; standard tablet stamped "PRIM TRAV STA NO 7 1921 McM 566 NC" 1255 566.155

LINE 2.

E. O. Miner, 1950; Book AV 204

Ingram; at W. entrance of Christian Church; on S. side of main entrance door; 1.5 ft W. from wall; in floor of concrete porch; standard tablet stamped "T 56 T 1935 711" 710.988

Reference mark; 206 ft N. of tablet; on SE. end of concrete step of store; chiseled square 704.36

Ingram, 1.3 mi W. of, along U. S. Highway 360; 78 ft N. of Y-junction of U. S. Highway 360 and State Road 662; 59 ft NW. of center of hwy.; in concrete post; standard tablet stamped "13 EQM 1950 790" 789.738

LINE 3.NGVD 29
Elevations

E. O. Miner, 1950; Book AV 204

Halifax, 4.6 mi W. of, along U. S. Highway 360, thence 2.3 mi S.; 0.25 mi SW. of Y-junction of State Roads 682 and 679; 85 ft W. of concrete steps of Union Methodist Church; 93 ft S. of center of rd.; 2 ft N. of cemetery fence; in concrete post; standard tablet stamped "16 EQM 1950 515" 515.523

Reference mark; 90 ft E. of tablet; on E. end of second lowest concrete step of church; chiseled square 518.11

Halifax, 4.6 mi W. of, along U. S. Highway 360, thence 4.8 mi S.; 150 ft S. of wooden bridge on State Road 681 over Miry Creek; 46 ft E. of Y-junction with field rd. NE.; 18 ft SE. of middle of field rd.; in concrete post; standard tablet stamped "17 EQM 1950 355" 355.572

Reference mark; 150 ft N. of tablet; at NW. corner of bridge; bolt head 358.40

U.E., Halifax, 4.6 mi W. of, thence 5.5 mi S.; 22 ft NW. of T-junction of State Roads 659 and 681; on concrete headwall of culvert; chiseled square 447.89

12 4	QUADRANGLE 1 204	14 VA.-266 N.C.	E. O. Minor	36-079-12 5
et			1950	
		<u>LINE 4.</u>		<u>Feet</u>
160	Minor, 1950; Book AV 204			
10	Hill, 1.5 mi S. of; 110 ft N. of NE. corner of Oak Level Presbyterian Church; 105 ft W. junction of State Roads 683 and 684; 44 ft N. of middle of rd.; in concrete post; lead tablet stamped "18 EOM 1950 646"			646.175
.155	ice mark; 112 ft S. of tablet; on NE. corner of lowest concrete step of church; chiseled square			648.92
	1.5 mi W. of; 4.1 mi S. of Vernon Hill; on State Road 658; 150 ft SE. of rd. fork S.; 110 ft. from front porch of two-story house; in concrete post; standard tablet stamped "19 T 1936 574"			574.341
.988	ice mark; 48 ft E. of tablet; on NE. corner of concrete walk; chiseled square			574.95
.36	1.7 mi NE. of; 250 ft S. of bridge over Birch Creek on State Road 685; 28 ft E. of center line; in concrete post projecting 0.1 ft.; standard tablet stamped "19 EOM 1950 376"			375.958
	ice mark; 250 ft N. of tablet; on S. concrete abutment of wooden bridge; chiseled square			363.88
.738	11 ft N. and 157 ft E. from W. end of large triangle formed by junction of State Roads 662 and 662; 42 ft N. from State Road 659; 100 ft SW. from SW. corner of store; 26 ft W. from edge of concrete base of well house; in concrete post; standard tablet stamped "18 T 1936 560"			559.739
	ice mark; 100 ft NE. of tablet; on N. end of concrete step of store; chiseled square			562.00
.523	1.7 mi S. of; 1.4 mi N. of RR. station at Paces; 580 ft N. of wooden bridge on State Road 662 over Toby Creek; 25 ft E. of Y-junction with rd. NE.; in concrete post; standard tablet stamped "20 EOM 1950 366"			366.133
.11	ice mark; 580 ft S. of tablet; on NE. corner of wooden bridge; bolt head			360.15
.572	934" (NGS)			354.999
.40	Paces, 0.8 mi S. of; on NE. caisson of middle pier of bridge; State Road 658 over Dan River; chiseled square			354.61
.139	2.4 mi SE. of; 1.7 mi NW. of Turbeville; 46 ft S. of, and 1 ft lower than T-junction of State Roads 658 and 751; 35 ft SW. of middle of rd.; 2 ft E. of power pole; in concrete post; standard tablet stamped "21 EOM 1950 507"			507.483

MILTON QUADRANGLE

14 VA.-266 N.C.

LINE 4 (Cont'd.)

	<u>Feet</u>
Reference mark; 500 ft NW. of tablet; on SW. concrete headwall of culvert; chiseled square	505.89
Turbeville; on U. S. Highway 58; 63 ft N. and 10 ft E. from junction with State Road 658; in SW. corner of athletic field at Turbeville High School; in concrete post; standard tablet stamped "TT 50 T 1936 539"	539.328
Reference mark; 820 ft N. of tablet; on middle of front part of concrete porch of Turbeville High School; chiseled square	542.24
U.E., Turbeville, 1.7 mi S. of; on S. end of lowest concrete stop of Olive Branch Methodist Church; chiseled square	528.09
Turbeville, 3.2 mi S. of; 19 1/4 ft S. of T-junction of State Roads 699 and 751; 57 ft SE. of middle of rd.; 1 ft N. of fence; in concrete post; standard tablet stamped "22 EOM 1950 571"	571.091
Reference mark; 41 ft W. of tablet; in NW. root of 3-ft oak tree; rail spike	572.17
Turbeville, 4.4 mi S. of; 2.8 mi NE. of Cunningham; 76 ft NW. of Y-junction of State Roads 699 and 697; 47 ft W. of middle of rd.; in concrete post; standard tablet stamped "23 EOM 1950 575"	575.441
Reference mark; 89 ft SE. of tablet; on E. side of rd.; in NW. root of 1-ft oak tree; rail spike	576.50
"CUNNINGHAM NO 2 1933" (Described in line 1) (NGS)	588.320

LINE 5.

E. O. Miner, 1950; Book AV 204	
"TT 50 T 1936 539" (Described in line 4)	539.328
Turbeville, 1.4 mi NE. of, at Danripple; 37 ft SE. of, and 2 ft lower than intersection of U. S. Highway 58 and dirt rd.; 2 ft NW. of fence; in concrete post; standard tablet stamped "24 EOM 1950 490"	490.285

Jogs into Virgilina quadrangle

Alton; 1.7 mi generally S. of RR. station, along State Road 711; 1.9 mi NE. of Ephesus Church; about 500 ft S. of farmhouse; 55 ft SW. of SW. corner of barn; 24 ft S. of dirt rd.; 70 ft E. of dirt rd.; 1 ft N. of fence; in concrete post; standard tablet stamped "27 EOM 1950 475"	475.244
Reference mark; 40 ft E. of tablet; in SW. base of 4-ft oak tree; rail spike	476.54
"8 EOM 1950 517" (Described in line 1)	517.156

MILTON QUADRANGLE
Book AV 204

14 VA.-266 N.C.

E. O. Minor

1950

LINE 6.Feet

E. O. Minor, 1950; Book AV 204

Vernon Hill, 2.0 mi E. of, along U. S. Highway 360, thence 1.5 mi S.; 60 ft SW. of Y-junction of State Roads 679 and 680; 34 ft W. of middle of rd.; in concrete post; standard tablet stamped "28 EOM 1950 536" 536.004

Reference mark; 580 ft S. of tablet; on N. end of lowest concrete step of Pleasant Grove Church; chiseled square 536.94

Vernon Hill, 2.0 mi E. of, along U. S. Highway 360, thence 4.4 mi S.; 2.7 mi NW. of News Ferry; 71 ft NW. of, and 5 ft lower than Y-junction of State Roads 680 and 683; 38 ft W. of middle of rd.; in concrete post; standard tablet stamped "29 EOM 1950 489" 488.846

Reference mark; 62 ft E. of tablet; at E. side of rd.; in N. root of 6-in. sweet gum tree; rail spike 490.33

U.E., News Ferry, 1.0 mi N. of; 70 ft S. of Y-junction of State Roads 659 and 671; on NW. end of concrete step of Owens Store; chiseled square 441.19

"D 53 1934" (NGS) 353.989

LINE 7.

E. O. Minor, 1950; Book AV 204

"TT 58 T 1936 560" (Described in line 4) 559.739

Elmo, 2.3 mi W. of at Brooklyn; 48 ft NE. of T-junction of State Roads 659 and 688; 15 ft N. of center of rd.; in concrete post; standard tablet stamped "30 EOM 1950 562" 561.805

Reference mark; 37 ft W. of tablet; on SE. corner of concrete sign base; chiseled square 561.07

Brooklyn, 1.7 mi W. of; about 10 ft E. of Halifax-Pittsylvania County line; in SW. corner of woods; 40 ft N. of, and 3 ft lower than center of State Road 659; in concrete post; standard tablet stamped "31 EOM 1950 598" 598.420

Reference mark; 43 ft SW. of tablet; on N. concrete headwall of culvert; chiseled square 600.19

Brooklyn, 3.3 mi W. of; at Laurel Grove; 27 ft NE. of T-junction (W. half of offset crossing of State Roads 659 and 710); 6 ft N. of power pole; in concrete post; standard tablet stamped "32 EOM 1950 640" 640.105

Reference mark; 74 ft SE. of tablet; on E. side of concrete sign base; chiseled square 637.14

U.E., Laurel Grove, 0.4 mi W. of; on E. corner of lowest concrete step of church; chiseled square 646.88

NGVD 29
Elevations

MILTON QUADRANGLE
Book AV 204

14 VA.--266 N.C.

E. O. Minor
1950LINE 8.Feet

E. O. Minor, 1950; Book AV 204

"22 EQM 1950 571" (Described in line 4)	571.091
Turbeville, 2.6 mi SW. of, along U. S. Highway 58; 77 ft N. of intersection of hwy. and State Road 751; 118 ft NW. of center of hwy.; 36.3 ft from NE. corner of tobacco barn; in concrete post; standard tablet stamped "34 EQM 1950 RESET 1955"	524.625
Turbeville, 5.1 mi W. of, along U. S. Highway 58; 118 ft N. and 113 ft W. of intersection with State Road 696; on N. side of hwy.; in line with rd. SW.; in concrete post; standard tablet stamped "TY 52 T 1936 RESET 1955"	447.674
Reference mark; 520 ft E. of tablet; on NW. corner of concrete foundation of gas pump; chiseled square	460.73
Delilia; at Ed Owen Store; 150 ft S. of intersection of U. S. Highway 58 and State Road 694; 23 ft W. of center of rd.; 1 ft W. of power pole; in concrete post; standard tablet stamped "35 EQM 1950 507"	506.669
Reference mark; 105 ft N. of tablet; on NE. corner of concrete platform at store; chiseled square	505.03
Delilia, 1.9 mi S. of; 1.4 mi N. of North Carolina-Virginia State line; 91 ft S. of, and 3 ft lower than Y-junction of State Roads 694 and 695; 44 ft SE. of center of rd.; in concrete post projecting 1 ft.; standard tablet stamped "36 EQM 1950 542"	541.722
Delilia, 4.4 mi S. of; 3.5 mi E. of Milton; 5.1 mi W. of Cunningham; 1.0 mi S. of North Carolina-Virginia State line; 85 ft NE. of crossing of State Roads 518 and 526; 33 ft N. of, and 9 ft W. of crossing of old roadbeds; in SE. corner of field; in concrete post; standard tablet stamped "TY 48 T 1936 561" <i>1258</i>	560.983
"LEBANON 1932" (NGS) (Described in line 8)	506.669

LINE 9.

E. O. Minor, 1950; Book AV 204	
"35 EQM 1950 507" (Described in line 8)	506.669
Delilia, 0.9 mi W. of, along U. S. Highway 58; at NE. corner of concrete bridge over Dan River; in concrete abutment; standard tablet stamped "37 EQM 1950 369"	369.450
Delilia, 2.9 mi W. of; 0.5 mi E. of Halifax-Pittsylvania County line; 69 ft SE. of, and 3 ft higher than intersection of U. S. Highway 58 and State Road 656; 28 ft E. of center of rd.; in concrete post; standard tablet stamped "38 EQM 1950 452"	452.379
Reference mark; 125 ft N. of tablet; 3 ft E. of SE. corner of house; on concrete walk; chiseled square	449.67

MILTON QUADRANGLE

14 VA.--266 N.C.

LINE 9 (Cont'd.)Feet

U.E., Delilia, 3.6 mi W. of; 200 ft W. of county line; on middle of N. wheelguard of concrete bridge; chiseled square

388.65

U.E., Delilia, 4.7 mi W. of, along U. S. Highway 58; on center of S. wheelguard of concrete bridge over Sandy Creek; chiseled square

374.49