

THIRD-ORDER LEVELING  
SEA LEVEL DATUM OF 1929

LITTLETON QUADRANGLE  
236 NORTH CAROLINA  
N3615-W7745/15  
DIAGRAM NJ 18-10  
NORFOLK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Halifax, Northampton and Warren Counties

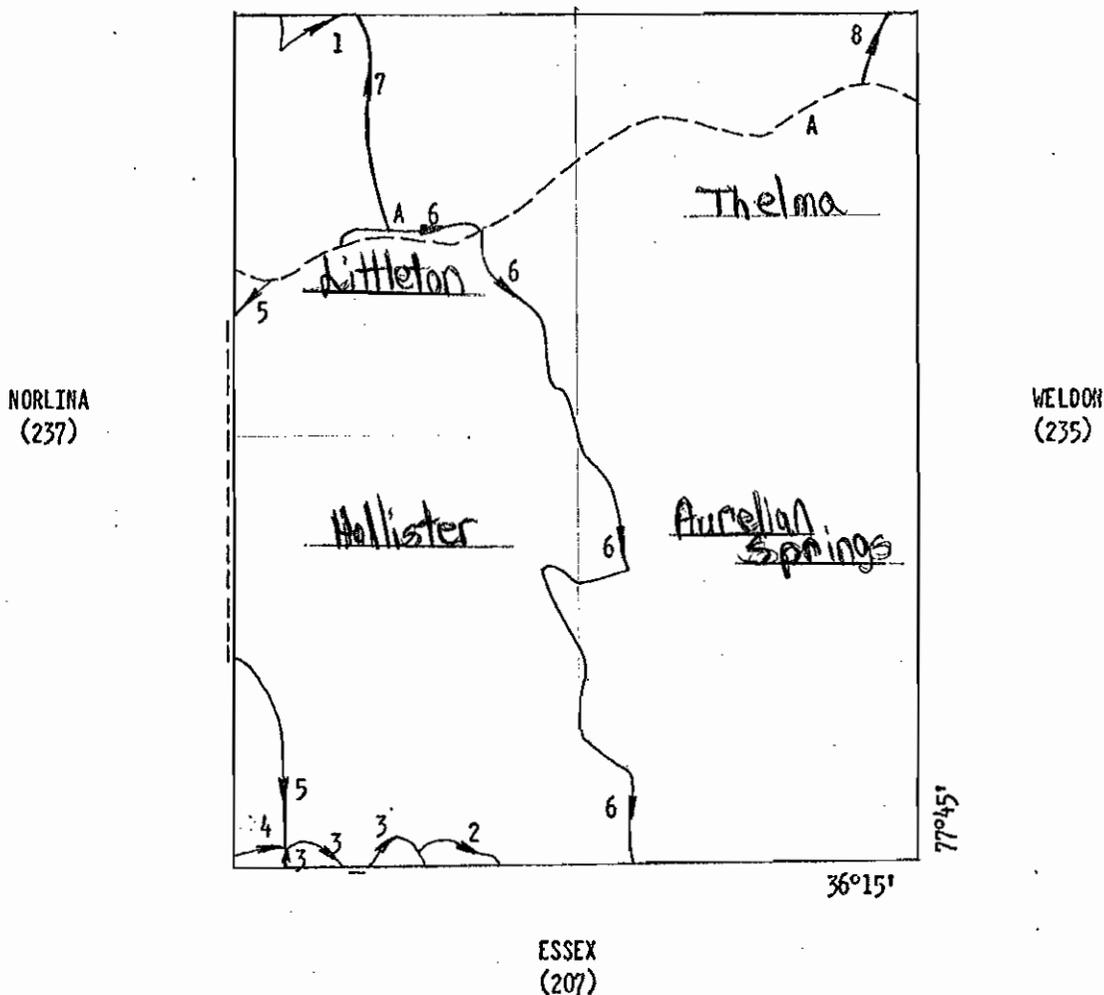
Final adjustment of 1972

Edition of 8/9/72

PR: WSM/jyk

NGVD 29  
Elevations

WHITE PLAINS  
(261 N.C.-9 VA.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360773

2316

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NGVD 29  
Elevations

LITTLETON  
Book AV 386

NORTH CAROLINA

S. K. Sampsell

NGVD 29  
Elevations

1954

LINE 1.

Feet

S. K. Sampsell, 1954; Book AV 386

U.E., Eaton Ferry, 2.6 mi SW. of, along dirt rd.; 64 ft NE. of T-rd. N.; on top of NE. end of concrete drainpipe; chiseled square

301.14

LINE 2.

W. S. Monk, 1955; Book AV 424

U.E., Hollister; 55 ft S. and 70 ft W. of, and level with junction of rd. S.; in root on S. side of 24-in. hickory tree; copper nail and washer

231.53

U.E., Hollister, 0.6 mi E. of; 40 ft SW. of, and 2 ft lower than drive S.; on S. end of concrete pipe culvert; chiseled cross

203.94

Hollister, 1.5 mi E. of; 155 ft S. and 20 ft W. of, and 5 ft lower than junction of rd. SW.; 16 ft S. of 24-in. oak tree; in concrete post; standard tablet stamped "123 WSM 1955 232" (Reported not found, 1972)

231.928

Reference mark; 20 ft N. of tablet; in root on E. side of 24-in. oak tree; copper nail and washer

232.66

LINE 3.

W. S. Monk, 1955; Book AV 424

Bethlehem; 1.5 mi W. of Essex; 325 ft SW. of junction of rd. SW.; at offset crossroad; 130 ft S. of SW. corner of school; 19 ft SE. of 30-in. oak tree; 45 ft NW. of rd.; in concrete post; standard tablet stamped "138 WSM 1955 308"

307.932

Reference mark; 300 ft NE. of tablet; in root on SW. side of 30-in. oak tree; copper nail and washer

310.27

U.E., Bethlehem, 0.6 mi E. of; 30 ft SW. of, and 2 ft higher than junction of drive S.; in root on N. side of 14-in. oak tree; copper nail and washer

299.06

[Jogs into Essex quadrangle]

U.E., Hollister, 1.3 mi W. of; at drain; on E. end of S. headwall of concrete culvert; chiseled cross

218.24

U.E., copper nail and washer (Described in line 2)

231.53

LINE 4.

Feet

H. L. Zohn, 1970; Book AV 1574

3 19 7.45 "138 WSM 1955 308" (Described in line 3) 307.932

LINE 5.

NGVD 29  
Elevations

H. L. Zohn, 1970; Book AV 1574

3 26 0.00 "VAUGHAN I 4 1918 EL 366.128" (NGS) 366.180

3 26 0.21 U.E., in centerline of T-rd. SW.; copper nail and washer 361.35

[Jogs into Morlina quadrangle]

3 38 7.99 U.E., in centerline of T-rd. NE.; copper nail and washer 317.26

3 40 9.12 U.E., in junction of State Highway 43 and County Road 1517 (Y-rd.); copper nail and washer 306.45

3 41 9.75 Arcola; 84 ft SW. of, and across hwy. from R. Harris store; 28 ft WSW. of, and about level with centerline of hwy. opposite; steel pipe in top of concrete post projecting 0.3 ft.; USED standard disk stamped "MON 12 (30th ENGR) 1943" 319.350

3 42 9.91 U.E., in junction of State Highway 43 and County Road 1636 SW.; copper nail and washer 313.92

3 43 10.84 PANEL: J-14 295.10

3 44 11.03 Bethlehem, 1.1 mi N. of junction of County Roads 1636 and 1640, along Road 1636; 46 ft SW. of, and about 2.5 ft lower than junction of County Roads 1636 and 1637; 0.5 ft E. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "100 HLZ 1970" 304.782

3 45 11.64 U.E., in centerline of drive W.; copper nail and washer 317.30

3 46 12.09 "138 WSM 1955 308" (Described in line 3) 307.932

LINE 6.

C. R. Henkle, 1972; Book AV 1630

1 3 0.00 "CRI 23 1918" (NGS) 342.316

1 3 0.58 U.E., in T-rd. N.; intersection of U. S. Highway 158 and County Road 1349; nail and washer, painted "UE CL 345.0" 344.96

LINE 6 (Cont'd.)

				<u>Feet</u>
1	4	1.13	Vaughan, 3.2 mi E. of, along U. S. Highway 158; 23 ft N. of hwy., and 3.0 ft lower than rd.; in W. end of N. concrete headwall; standard tablet stamped "50 CRH 1972 346", painted "BM 345.7"	345.647
1	5	1.59	U.E., at intersection of U. S. Highway 158 and County Road 152.9; level with T-rd. S.; on NE. end of E. concrete headwall; chiseled square, painted "UE CL 336.9"	336.93
1	6	2.02	U.E., in Y-rd. intersection of U. S. Highway 158 and County Road 1357; nail and washer, painted "UE CL 345.2"	345.17
1	7	2.24	Littleton; 1.3 mi W. of junction of U. S. Highway 158 and State Highway 4; along U. S. Highway 158; 56.0 ft W. and 32.4 ft S. of, and 0.1 ft higher than junction of U. S. Highway 158 and County Road 1528; in centerline of concrete headwall; standard tablet stamped "51 CRH 1972 343", painted "BM 342.7"	342.726
1	8	2.89	U.E., in T-rd. N.; nail and washer, painted "UE CL 371.0"	371.04
1	9	3.18	Littleton; 0.3 mi W. of junction of U. S. Highway 158 and State Highway 4, along Highway 158; 25.3 ft S. of hwy.; 6.4 ft NW. of powerline pole and 1.9 ft lower than hwy.; in E. end of concrete headwall; standard tablet stamped "52 CRH 1972 376", painted "BM 376.4"	376.361
1	10	3.86	U.E., in T-rd. E.; at offset crossroad, intersection of County Road 1524 and Mosby Avenue; nail and washer, painted "UE CL 366.6"	366.57
1	11	4.02	Littleton; 43.3 ft N. and 25.6 ft E. of junction of County Roads 1001 and 1301 at H. E. Pope Grocery; 0.4 ft lower than crossroad; in S. end of concrete gas pump island; standard tablet stamped "53 CRH 1972 376", painted "BM 375.8"	375.822
1	12	4.34	U.E., in Y-rd. intersection of County Roads 1001 and 1300; nail and washer, painted "UE CL 344.6"	344.62
1	13	4.88	Littleton; 0.5 mi S. of intersection of U. S. Highway 158 and State Highway 4, along Highway 4, thence 0.4 mi E. along County Road 1001, thence 0.6 mi SW. along County Road 1300; 30.2 ft NE. of rd.; 19.0 ft W. of plowed field; 2 ft S. of witness sign; in concrete post flush with ground; standard tablet stamped "54 CRH 1972 370", painted "BM 369.5"	369.469
1	14	5.40	U.E., in rd. at entrance to field; nail and washer, painted "UE CL 365.2"	365.21
1	15	5.63	U.E., in centerline of T-rd. SW.; nail and washer, painted "UE CL 364.3"	364.26

LINE 6 (Cont'd.)Feet

1	16	6.02	Littleton; 0.5 mi S. of intersection of U. S. Highway 158 and State Highway 4, along Highway 4, thence 0.4 mi E. along County Road 1001, thence 1.7 mi SE. along County Road 1300; 27.0 ft E. and 13.0 ft N. of, and 1.4 ft higher than rd. at field rd. E.; 4.0 ft W. of telephone pole #19; 2.0 ft W. of witness sign; in concrete post projecting 0.3 ft.; standard tablet stamped "55 CRH 1972 350", painted "BM 349.7"	349.674
1	17	6.50	U.E., 18.0 ft E. of, and 0.5 ft lower than rd.; on E. end of L-shaped headwall; chiseled square, painted "UE 336.4"	336.37
1	18	7.17	Littleton; 0.5 mi S. of intersection of U. S. Highway 158 and State Highway 4, along Highway 4, thence 0.4 mi E. along County Road 1001, thence 2.9 ft SE. along County Road 1300; 28.0 ft W. of, and 0.4 ft higher than rd.; 2.0 ft NW. of powerline pole #4167; 1.0 ft E. of witness sign; in concrete post projecting 0.4 ft.; standard tablet stamped "56 CRH 1972 323", painted "BM 322.7"	322.736
1	19	7.49	U.E., 19.5 ft E. of, and 0.2 ft higher than T-rd.; on N. end of concrete drainpipe; chiseled square, painted "UE 324.4"	324.36
1	20	8.00	Airlie, 1.9 mi E. of, along County Road 1310, thence 3.8 ft N. along County Road 1300; 54.7 ft N. and 25.4 ft W. of, and 0.3 ft lower than crossroad; 6.0 ft NE. of powerline pole; 1.0 ft E. of witness sign; in concrete post projecting 0.4 ft.; standard tablet stamped "57 CRH 1972 321", painted "BM 320.6"	320.574
1	21	8.37	U.E., in T-rd. NE., intersection of County Roads 1300 and 1305; nail and washer, painted "UE CL 316.2"	316.20
1	22	9.08	U.E., 19.5 ft E. of, and 0.5 ft lower than rd.; on N. end of concrete drainpipe; chiseled square, painted "UE 301.2"	301.20
1	23	9.64	Airlie, 1.9 mi E. of, along County Road 1310, thence 2.2 mi N. along County Road 1300; 33.0 ft SW. of rd.; 3.0 ft NW. of powerline pole #41; 1.0 ft NE. of witness sign; 0.3 ft higher than rd. at drive NE.; in concrete post projecting 0.3 ft.; standard tablet stamped "58 CRH 1972 297", painted "BM 296.7"	296.739
1	24	10.26	U.E., in rd. at wooded fence line E.; copper nail and washer, painted "UE CL 282.6"	282.63
1	25	10.83	Airlie, 1.9 mi E. of, along County Road 1310, thence 1.0 mi N. along County Road 1300; 55.6 ft E. of SE. corner of abandoned school; 31.4 ft W. of, and 2.0 ft higher than rd.; 11.4 ft E. of peach tree; 1.5 ft E. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "59 CRH 1972 271", painted "BM 270.9"	270.874

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LITTLETON  
Bank AV 1630

NORTH CAROLINA

NGVD 29  
Elevations

C. R. Henkle

1972

LINE 6 (Cont'd.)

				<u>Feet</u>
1	26	11.26	U.E., in centerline of rd. at drive E.; nail and washer, painted "UE CL 257.4"	257.372
1	27	11.85	Airlie, 1.9 mi E. of, along County Road 1310; 360.0 ft S. of, and 6.5 ft lower than crossroad; 27.0 ft E. of powerline pole; 19.0 ft W. of County Road 1300; in concrete headwall; standard tablet stamped "60 CRH 1972 238", painted "BM 237.7"	237.678
1	28	12.41	U.E., in centerline of bridge over Butterwood Creek; nail and washer, painted "UE CL 190.6"	190.58
			WL = 185 ft	
1	29	12.88	Airlie, 0.9 mi E. of, along County Road 1310; 97.0 ft S. of, and 1.0 ft lower than rd. at woods rd. NE.; 33.9 ft SW. of rd.; 3.9 ft N. of powerline pole #A 060; 1.0 ft NE. of witness sign; in concrete post projecting 0.3 ft.; standard tablet stamped "61 CRH 1972 258", painted "BM 237.9"	257.866
1	30	13.31	U.E., in rd. at woods rd. N.; nail and washer, painted "UE CL 283.0"	283.03
1	31	13.66	Airlie; at intersection of County Roads 1310 and 1312; 47.0 ft S. and 38.5 ft E. of, and 1.2 ft lower than intersection of Roads 1310 and 1312; 2.5 ft W. of powerline pole #10986; 1.0 ft W. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "62 CRH 1972 288", painted "BM 287.7"	287.679
1	32	14.08	U.E., about 0.5 ft above ground; 30.0 ft E. of rd.; on W. side of powerline pole 18-85; 80 penny nail, painted "UE 293.5"	293.47
1	33	14.59	Airlie; 1.0 ft SE. of intersection of County Roads 1310 and 1312, along Road 1312; 45.6 ft E. and 13.8 ft S. of, and 1.6 ft higher than T-rd. E.; 2.0 ft S. of powerline pole #18-79; 1.0 ft S. of witness sign; in concrete post projecting 0.5 ft.; standard tablet stamped "63 CRH 1972 290", painted "BM 289.7"	289.696
1	34	15.10	U.E., 17.0 ft N. and 0.3 ft lower than rd.; on W. end of concrete drainpipe; chiseled square	259.14
1	35	15.69	Airlie; 2.0 mi SE. of intersection of County Roads 1310 and 1312, along Road 1312; 40.0 ft E. of, and 0.8 ft higher than rd.; 1.9 ft W. of powerline pole; 1.0 ft W. of witness sign; in concrete post projecting 0.4 ft.; standard tablet stamped "64 CRH 1972 225", painted "BM 225.3"	225.333
1	36	16.31	U.E., 17.0 ft W. and 0.6 ft lower than rd.; on W. end of concrete drainpipe; chiseled square, painted "UE 182.1"	182.08

LITTLETON  
Book AV 1630

NORTH CAROLINA

NGVD 29  
Elevations

C. R. Henkle

1972

LINE 6 (Cont'd.)Feet

1	37	16.88	Brinkleyville; 0.9 mi W. of intersection of State Highways 561 and 48, along Highway 561, thence 1.0 mi NW. along County Road 1312; 47.0 ft E. of, and 2.1 ft higher than rd.; 2.4 ft W. of powerline pole #18-50; 1.0 ft W. of witness sign; in concrete post projecting 0.3 ft.; standard tablet stamped "65 CRH 1972 182", painted "BM 181.8"	181.781
1	38	17.02	U.E., in centerline of bridge over Bear Swamp; nail and washer, painted "UE CL 168.4"	168.43
1	39	17.50	U.E., 13.0 ft NE. of centerline of rd.; 1.3 ft lower than rd.; on N. end of concrete drainpipe; chiseled square, painted "UE 204.6"	204.66
1	40	17.81	Brinkleyville; 0.9 mi W. of intersection of State Highways 561 and 48, along Highway 561; 64.0 ft N. of State Highway 561; 52.7 ft SW. of, and 0.5 ft higher than County Road 1312; 1.0 ft SE. of witness sign; in concrete post flush with ground; standard tablet stamped "66 CRH 1972 211", painted "BM 211.3"	211.338
1	41	18.39	U.E., 20.8 ft SW. of centerline of State Highway 561; 9.0 ft SE. of woods rd.; on SE. end of concrete drain pipe; chiseled square, painted "UE 274.7"	274.76
1	42	18.66	Brinkleyville; 50.5 ft NE. and 49.0 ft NW. of, and 0.4 ft lower than intersection of State Highways 561 and 48; in W. corner of Texaco 0.1 sign in front of E. B. Shearin farm supply store; standard tablet stamped "67 CRH 1972 280", painted "BM 280.0"	280.003
1	43	19.27	U.E., 18.5 ft W. of centerline of rd.; 9.0 ft S. of farm rd.; on S. end of concrete drainpipe; chiseled square, painted "UE 244.3"	244.36
1	44	19.95	Brinkleyville; 1.3 mi S. of intersection of State Highways 561 and 48, along Highway 48; 92.8 ft SW. of, and 0.9 ft lower than rd. at drain crossing; 39.6 ft W. of Highway 561; 2.4 ft N. of powerline pole #AEO9; 1.0 ft E. of witness sign; in concrete post projecting 0.4 ft.; standard tablet stamped "68 CRH 1972 252", painted "BM 251.8"	251.784
1	45	20.41	U.E., 20.0 ft W. of centerline of rd.; on W. end of concrete drainpipe; chiseled square, painted "UE 262.3"	262.32

LITTLETON  
Book AV 1630

NORTH CAROLINA

M. K. Weber

1972

LINE 7.Feet

M. K. Weber, 1972; Book AV 1630

2	1	0.00	"51 CRH 1972 343" (Described in line 6)	342.726
2	1	0.84	U.E., in T-rd. W.; copper nail and washer	356.40
2	2	1.58	U.E., in T-rd. W.; copper nail and washer	369.70
2	3	2.13	U.E., in T-rd. E.; copper nail and washer	342.11
2	4	2.74	U.E., in T-rd. E.; copper nail and washer	353.14
2	5	3.20	U.E., in T-rd. NE.; copper nail and washer	314.06
2	6	3.65	U.E., in T-rd. NE.; copper nail and washer	282.93

NGVD 29  
ElevationsLINE 8.

M. K. Weber, 1972; Book AV 1630

2	17	0.00	Thelma; 0.7 mi SW. of station, along Seaboard Air Line Railway; 1/2 mi SW. of milepost 91; 0.17 mi W. of lumberyard; 405 ft NW. of rd. crossing; 71 ft S. of S. rail; 82 ft NW. of centerline of gravel rd.; 4 ft NE. of 6-in. oak tree; in concrete post projecting 0.8 ft above ground; NGS standard triangulation station disk stamped "COR 1918"	269.415
2	17	0.55	U.E., centerline of T-rd. intersection	225.87
2	18	0.89	U.E., in centerline of grade crossing; copper nail and washer (Route 1422 & RR.)	216.75
2	19	1.85	U.E., in centerline of Route 1422 at "T" made by boat ramp; copper nail and washer	136.34