

EVELING
NETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

246 246
36-080-24
PILOT MOUNTAIN QUADRANGLE
NORTH CAROLINA
N3615-W6015/15
DIAGRAM NJ 17-11
WINSTON-SALEM

Forsyth, Stokes, Surry and Yadkin Counties

Final adjustment of 1975

Edition of 7/14/75

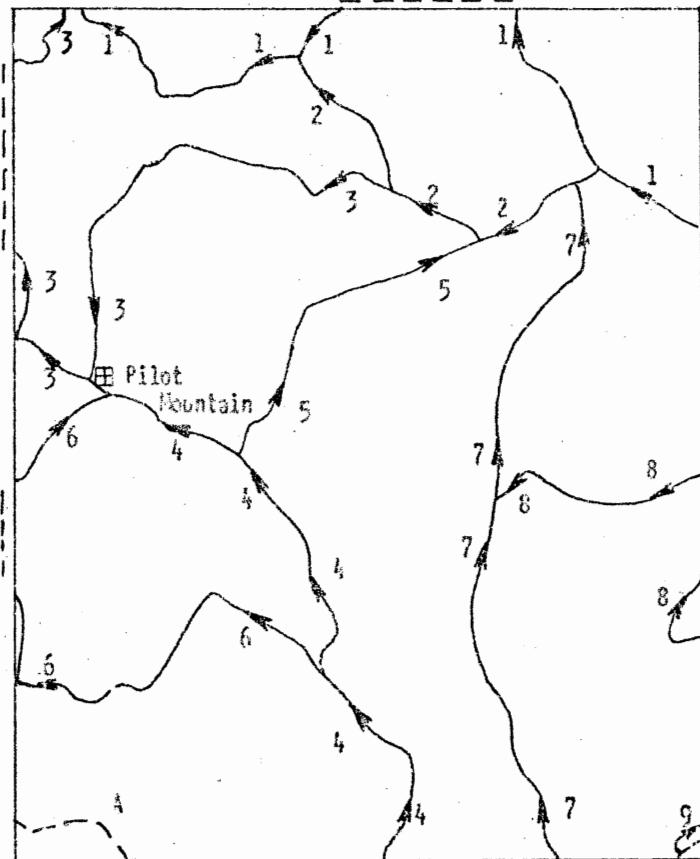
PR: WSM/rmc

NGVD 29
Elevations

STUART
(19 MA.-271 H.C.)

DOBSON
(247)

PINE HALL
(245)



36°15'

WINSTON-SALEM
(217)

NGS (USGS) VERTICAL CONTROL DATA

A. Quadrangle 360802

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NGVD 29
Elevations

1962

3

LINE 1.Feet

By D. O. Pruitt, 1962; Book AV 872

1	1	0.70	U.E., on top of SE. corner of E. concrete culvert headwall; chiseled square	897.82
1	2	1.45	U.E., on top of NW. end of SW. concrete catch basin; chiseled square	966.72
1	4	2.74	Francisco, 5.8 mi SE. of, along State Highway 89; in top of W. end of S. concrete base of bridge railing over Dan River; standard tablet stamped "1 DOP 1962 780"	780.273
1	6	3.48	U.E., on top of NW. corner of SW. concrete catch basin; chiseled square	993.33
1	9	5.21	Francisco, 3.4 mi SE. of, along State Highway 89; in center of concrete gasoline pump platform of grocery store of Lewis Simmons; standard tablet stamped "2 DOP 1962 1067"	1066.908

Jogs into Stuart quadrangle

1	18	1.64	U.E., on top of NE. wingwall of bridge; chiseled square	1034.48
1	19	2.39	Mount Airy, 14.0 mi E. of, along State Highway 89; 4.0 mi S. of Virginia-North Carolina State line; on SW. side of triangle formed by hwy. junction; at service station of R. G. Smith; 32 ft NE. of centerline of State Highway 661; about 150 ft SE. of centerline of hwy. junction; in concrete post; NGS standard triangulation station disk stamped "JOHNSTOWN 1933" <i>Good 3/87 EW8</i>	1185.661
1	19	2.39	Reference mark; 78 ft from station in azimuth 125°59'; at NW. corner of triangle	1182.60
1	20	3.23	U.E., on top of NE. corner of N. concrete headwall of bridge; chiseled square	1108.00
①	22	4.75	Westfield, 0.8 mi E. of post office, along State Highway 89; in center of concrete gasoline pump platform at Johnson's sawmill; standard tablet stamped "4 DOP 1962 1205"	1205.048
1	24	6.78	Westfield, 1.2 mi NW. of post office, along State Highway 89; at intersection of Highway 89 and County Road 1803; 8 ft E. of E. entrance of store of R. H. Jackson; in concrete platform; standard tablet stamped "5 DOP 1962 1244" <i>Good 3/87 EW8</i>	1243.694

LINE 2.NGVD 29
Elevations

By D. O. Pruitt, 1962; Book AV 872

1	29	0.00	"1 DOP 1962 780" (Described in line 1)	780.278
1	31	1.68	U.E., 18 ft SE. of, and about 3 ft lower than centerline of rd.; on top of concrete drainpipe; chiseled square	974.20
1	33	2.46	Gap, 4.5 mi N. of, along State Highway 66, thence 2.0 mi E. along County Road 1504; in top of S. wingwall of bridge over Double Creek; standard tablet stamped "6 DOP 1962 796"	796.310

LINE 2 (Cont'd)

Feet

1 37	5.01	Gap, 5.0 mi N. of, along State Highway 66; 5.8 mi S. of Johnstown, along Highway 66; in top of N. end of W. headwall of bridge over Double Creek; standard tablet stamped "7 DOP 1962 897"	897.036
1 42	8.56	Johnstown, 2.2 mi S. of, along State Highway 66; in top of E. wingwall of bridge over Pinch Gut Creek; standard tablet stamped "8 DOP 1962 930"	929.896
1 45	10.77	"JOHNSTOWN 1933" (Described in line 3)	1185.661

LINE 3.

By D. O. Pruitt, 1962; Book AV 872

1 46	0.90	Johnstown, 3.6 mi S. of, along State Highway 66, thence 0.9 mi W. along County Road 1212; 31 ft N. of intersection of County Roads 1212 and 1191; 4 ft W. of power pole; in concrete post; standard tablet stamped "9 DOP 1962 1188"	1187.860
1 49	2.90	Johnstown, 3.6 mi S. of, along State Highway 66, thence 2.9 mi W. along County Road 1212; 2.8 mi N. of Pilot Mountain, along County Road 1809, thence 2.3 mi NE. along County Roads 1212 and 1206, thence 1.7 mi W. along County Road 1210; 85 ft S. of, and about 5 ft higher than intersection of Roads 1212 and 1210; 5 ft E. of power pole on fence line ; in concrete post; standard tablet stamped "10 DOP 1962 1222" <i>PROJECTING 6</i> 1222.252	<i>Good 3/87 SUB</i>
i 52	5.04	Pilot Mountain, 2.8 mi N. of, along County Road 1809, thence 1.8 mi NE. along County Roads 1212 and 1206; 50 ft N. of junction of County Roads 1206 and 1204; 26 ft E. of NE. corner of tobacco barn; 6 ft E. of 12 in. chestnut oak tree; in concrete post projecting 0.5 ft above ground; standard tablet stamped "11 DOP 1962 RESET 1970"	1271.927
1 55	6.86	Pilot Mountain, 2.8 mi N. of, along County Road 1809; 94 ft E. and 24 ft N. of intersection of County Roads 1212 and 1809; in concrete post; standard tablet stamped "12 DOP 1962 1161"	1161.508
1 57	8.35	Pilot Mountain, 1.3 mi N. of, along County Road 1809; 18 ft E. of, and 4 ft lower than centerline of rd.; in top of SE. wingwall of bridge; standard tablet stamped "13 DOP 1962 964"	964.379
1 61	10.72	Gaging Station reference mark No. 2; at Toms Creek; on left end of upstream wingwall; chiseled square	954.69
1 61	10.72	Pilot Mountain, 0.7 mi NW. of city limits, along U. S. Highway 52; in top of SE. wingwall of bridge over Toms Creek; standard tablet stamped "14 DOP 1962 954"	<i>954.903</i>
1 62	11.59	U.E., on top of SE. wingwall of bridge over U. S. Highway 52; chiseled square	1112.91
1 63	12.43	Pilot Mountain, 1.6 mi NW. of city limits, along U. S. Highway 52, thence 0.8 mi N. along County Road 1815; 53 ft S. and 22 ft E. of, and level with intersection of County Roads 1815 and 1830; in concrete post; standard tablet stamped "15 DOP 1962 1176"	1176.291

Jogs into Dobson quadrangle

NGVD 29
Elevations

LINE 3 (Cont'd)

Feet

1 73	18.98	Pilot Mountain, 1.6 mi NW. of city limits, along U. S. Highways 52, thence 6.3 mi N. along County Road 1815, thence 1.1 mi W. along County Road 1806; 2 ft lower than centerline of rd.; in top of SW. bridge abutment; standard tablet stamped "18 DOP 1962 1231"	1231.769
1 75	20.32	Pilot Mountain, 1.6 mi NW. of city limits, along U. S. Highway 52, thence 6.3 mi N. along County Road 1815, thence 2.4 mi W. and N. along County Road 1806; 30 ft W. of, and 2 ft higher than intersection of County Roads 1807 and 1806; 1 ft E. of power pole; in concrete post; standard tablet stamped "19 DOP 1962 1384"	1384.814

LINE 4.

By D. O. Pruitt, 1962; Book AV 872

2 3	2.19	Tobaccoville, 2.0 mi N. of, along County Road 1611; 1.2 mi S. of King, along County Road 1112; 108 ft S. of, and 0.8 ft lower than intersection of crossroads; in center of concrete gasoline pump platform of Bennett's Gulf Service station; standard tablet stamped "20 DOP 1962 1115"	1114.621
2 6	4.51	King, 1.0 mi NW. of, along U. S. Highway 52; 84 ft SE. of intersection of County Road 1138 and Highway 52; 48 ft NE. of Southern Railway crossing; 2 ft S. of power pole; in concrete post; standard tablet stamped "21 DOP 1962 1072"	1071.752
2 7	5.21	U.E., 19 ft W. of, and 0.9 ft lower than centerline of rd.; on top of NW. corner of W. concrete culvert headwall; chiseled square	1036.80
2 88	5.90	U.E., 20 ft E. of, and 1 ft lower than centerline of rd.; on top of NE. corner of E. concrete culvert headwall; chiseled square	944.25
2 9	6.47	King, 3.0 mi NW. of, along U. S. Highway 52; 18 ft W. of, and 0.5 ft lower than centerline of rd.; in top of N. end of W. concrete bridge headwall over Danbury Creek; standard tablet stamped "22 DOP 1962 857"	657.434
2 13	8.62	King, 3.0 mi NW. of, along U. S. Highway 52, thence 1.1 mi N. along County Road 1139, thence 1.0 mi N. along County Road 1136; 14 ft W. of, and 0.2 ft lower than centerline of rd.; in top of NW. bridge abutment; standard tablet stamped "23 DOP 1962 832"	881.793
2 13	8.62	Reference mark; 61 ft S. of tablet; on top of SW. bridge abutment; chiseled square	881.99
2 15	10.24	King, 3.0 mi NW. of, along U. S. Highway 52, thence 1.1 mi N. along County Road 1139, thence 2.6 mi N. along County Road 1136; 0.4 mi SE. of city limits of Pilot Mountain, along Highway 52, thence 1.9 mi SE. along County Road 1178, thence 1.4 mi SE. along Road 1136; 14 ft W. of, and 0.1 ft lower than centerline of rd.; in top of NW. bridge abutment; standard tablet stamped "24 DOP 1962 940"	940.558
2 15	10.24	Reference mark; 68 ft S. of tablet; on top of SW. bridge abutment; chiseled square	940.414
2 18	12.94	Pilot Mountain, 0.4 mi SE. of city limits, along U. S. Highway 52, thence 0.6 mi SE. along County Road 1178; 48 ft N. of, and 4 ft higher than centerline of rd.; 2 ft W. of power pole; in concrete post; standard tablet stamped "25 DOP 1962 1165"	1165.270

LINE 4 (Cont'd)

		Feet	
2 20	14.89	Reference mark No. 2; in drill hole in concrete base of NE. leg of water tank; NGS standard reference mark disk stamped "PILOT NO 2 1954"	1153.559
2 21	14.89	Reference mark No. 1; in drill hole in concrete base of S. leg of water tank; NGS standard reference mark disk stamped "PILOT NO 1 1954"	1153.586
2 21	14.89	Pilot Mountain, at municipal water tank; 37 ft NW. of centerline of surfaced rd.; 39 ft SW. of centerline of dirt rd.; 5 ft E. of E. leg of tank; NGS standard triangulation station disk stamped "PILOT 1954"	1152.470

LINE 5.

By D. O. Pruitt, 1962; Book AV 872

2 23	0.37	Pilot Mountain, 0.4 mi SE. of city limits, along U. S. Highway 52, thence 1.8 mi SE. along County Road 1178, thence 0.4 mi N. along County Road 1136; in top of SE. wingwall of bridge; standard tablet stamped "26 DOP 1962 995"	994.924
2 27	2.28	Pilot Mountain, 0.4 mi SE. of city limits, along U. S. Highway 52, thence 1.8 mi SE. along County Road 1178, thence 1.0 mi N. along County Road 1136, thence 0.5 mi E. along County Road 1182, thence 0.8 mi E. along County Road 1176; at Flat Rock; 89 ft N. of, and 9 ft higher than intersection of County Roads 1175 and 1176; in large boulder; standard tablet stamped "27 DOP 1962 1186"	1185.276
2 31	4.80	Pilot Mountain, 0.4 mi SE. of city limits, along U. S. Highway 52, thence 1.8 mi SE. along County Road 1178, thence 1.0 mi N. along County Road 1136, thence 0.5 mi E. along County Road 1182, thence 0.8 mi E. along County Road 1176, thence 2.5 mi NE. along County Road 1175; 11 ft N. of, and about level with centerline of rd.; in top of NW. wingwall of bridge; standard tablet stamped "28 DOP 1962 911"	910.745
2 31	4.80	Reference mark; 21 ft S. of tablet; on top of SW. wingwall of bridge; chiseled square	910.74
2 34	6.30	Pilot Mountain, 0.4 mi SE. of city limits, along U. S. Highway 52, thence 1.8 mi SE. along County Road 1178, thence 1.0 mi N. along County Road 1136, thence 0.5 mi E. along County Road 1182, thence 0.8 mi E. along County Road 1176, thence 2.8 mi NE. along County Road 1175, thence 0.2 mi N. along County Road 1186, thence 1.1 mi NW. along County Road 1187; 99 ft SE. of, and 4 ft higher than intersection of State Highway 268 and Road 1187; 24 ft E. of, and 3 ft higher than centerline of Road 1187; 77 ft S. of, and 5 ft higher than centerline of Highway 268; in concrete post; standard tablet stamped "29 DOP 1962 1166"	1166.548

LINE 6.

By D. O. Pruitt, 1962; Book AV 872

3 1	0.00	"22 DOP 1962 857" (Described in line 4)	857.434
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NGVD 29
Elevations

LINE 6 (Cont'd)

			Feet
3 4	2.58	Pinnacle; in top of N. end of bottom step of NW. entrance to Pinnacle School; standard tablet stamped "30 DOP 1962 1079"	1078.823
3 4	2.58	Reference mark; 80 ft E. of tablet; on top of NW. corner of N. end of concrete sidewalk; chiseled square	1080.17
3 7	4.46	Pinnacle, 1.9 mi SW. of, along County Road 1147; 54 ft SE. of, and 2 ft higher than centerline of rd.; 5 ft SW. of front entrance to Mt. Zion Church; in bottom concrete step; standard tablet stamped "31 DOP 1962 1047"	1047.412
3 10	6.19	Pinnacle, 2.4 mi SW. of, along County Road 1147, thence 1.2 mi W. along county rd.; 60 ft E. of W. end of bridge; 6 ft S. of, and 2 ft lower than centerline of rd.; in top of concrete bridge abutment; standard tablet stamped "32 DOP 1962 845"	844.959
3 13	7.62	East Bend, 6.0 mi N. of; 4.0 mi SW. of Pinnacle; in small community of Shoals; on grounds of Shoals School; 78 ft NE. of NE. corner of school building; 30 ft W. of centerline of macadam rd.; 8 ft E. of white witness post; in concrete post; NGS standard triangulation station disk stamped "STONEY RIDGE 1954"	1052.222
3 15	8.72	Pilot Mountain, 1.6 mi SW. of, along State Highway 268, thence 4.5 mi S. along County Road 2048; 48 ft W. and 22 ft N. of, and 0.4 ft higher than junction of I-rd. W.; 2 ft SE. of power pole; in concrete post; standard tablet stamped "33 DOP 1962 1092"	1092.136

Jogs into Dobson quadrangle

3 22	13.26	Pilot Mountain, 1.6 mi SW. of, along State Highway 268; 50 ft S. and 59 ft E. of, and 0.4 ft lower than intersection of Highway 268 and County Road 2048; 2 ft N. of power pole; in concrete post; standard tablet stamped "35 DOP 1962 1076"	1076.566
3 23	14.19	U.E., on base of concrete curbing at SE. corner of bridge; chiseled cross	1038.15
3 24	14.82	"PILOT 1954" (Described in line 4)	1152.470

LINE 7.NGVD 29
Elevations

By D. O. Pruitt, 1962; Book AV 8/1

3 28	2.73	Rural Hall, 2.5 mi N. of, along State Highway 66; in top of S. end of bottom step to front entrance of Bethel Methodist Church; standard tablet stamped "36 DOP 1962 1075"	1074.648
3 31	4.96	Rural Hall, 4.8 mi N. of, along State Highway 66; 114 ft NE. of, and 1 ft lower than centerline of crossroads; in W. end of concrete gasoline pump platform; standard tablet stamped "37 DOP 1962 1133"	1133.045
3 33	6.85	Reference mark No. 1; 53 ft W. of centerline of State Highway 66; 1 ft E. of NE. corner of barn; NGS standard reference mark disk stamped "OLIVE NO 1 1954"	1122.406
3 36	9.01	Rural Hall, 8.8 mi N. of, along State Highway 66; in top of S. end of concrete gasoline pump platform at Atlantic station; standard tablet stamped "38 DOP 1962 1129"	1129.114

LINE 7 (Cont'd)

			Feet
3 39	10.91	Rural Hall, 10.7 mi N. of, along State Highway 66; 0.3 mi S. of Gap, along Highway 66; 10 ft W. of, and 0.5 ft higher than centerline of rd.; in top of S. end of W. concrete base of railing of bridge; standard tablet stamped "39 DOP 1962 1159"	1159.620
2 60	0.86	Gap, 1.3 mi N. of; 2.5 mi W. of Moores Springs; 2.0 mi above mouth; at culvert on State Highway 66; standard gaging station tablet designated "VADE MECUM CREEK"	914.608
2 60	0.86	Reference mark No. 1; on upstream culvert headwall at center of Span; chiseled square	940.98
2 60	0.86	Reference mark No. 2; on downstream culvert headwall at center of span; chiseled square	939.58
3 42	12.53	Rural Hall, 11.5 mi N. of, along State Highway 66, thence 0.8 mi NE. along County Road 1001; 21 ft W. of, and level with intersection of County Roads 1001 and 2021; in concrete post; standard tablet stamped "40 DOP 1962 1023"	1023.722
3 47	14.94	Rural Hall, 11.5 mi N. of, along State Highway 66, thence 2.8 mi NE. along County Road 1001, thence 0.4 mi N. along County Road 1484; in top of S. end of bottom step to front entrance of residence of J. C. Booth; standard tablet stamped "41 DOP 1962 760"	760.012

LINE 8.

By D. O. Pruitt, 1962; Book AV 872

3 57	5.21	Germanton, 4.0 mi N. of, along State Highway 8, thence 1.0 mi W. along County Road 1974; 12 ft N. of, and level with centerline of rd.; in top of NE. concrete bridge abutment; standard tablet stamped "44 DOP 1962 781"	<u>DEST 9/10/1</u>	781.129
3 57	5.21	Reference mark; 24 ft S. of tablet; on top of SE. concrete bridge abutment; chiseled square		781.68
3 59	6.63	Germanton, 4.0 mi N. of, along State Highway 8, thence 1.0 mi W. along County Road 1974; thence 0.5 mi NE. along County Road 1973; 15 ft E. of, and level with centerline of rd.; in top of SE. bridge abutment; standard tablet stamped "45 DOP 1962 806"		806.282
3 59	6.63	Reference mark; 31 ft W. of tablet; on top of SW. bridge abutment; chiseled square		806.20
3 69	13.57	Germanton, 4.0 mi N. of, along State Highway 8, thence 1.0 mi W. along County Road 1974, thence 3.5 mi N. along County Road 1973, thence 4.0 mi W. along Flat Shoals Road; at Quaker Gap; 37 ft N. of, and 0.9 ft higher than centerline of rd.; in E. end of bottom step to front entrance of Quaker Gap Baptist Church; standard tablet stamped "48 DOP 1962 1100"		1100.585
3 72	16.09	"38 DOP 1962 1129" (Described in line 7)		1129.114

NGVD 29
Elevations