

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

36-081-13
MOUTH OF WILSON QUADRANGLE
23 VA.-275 N.C.
N3630-W8115/15
DIAGRAM NJ 17-11
WINSTON-SALEM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Alleghany and Ashe Counties, North Carolina;
Grayson and Smyth Counties, Virginia

Final adjustment of 1972

Edition of 1/18/78

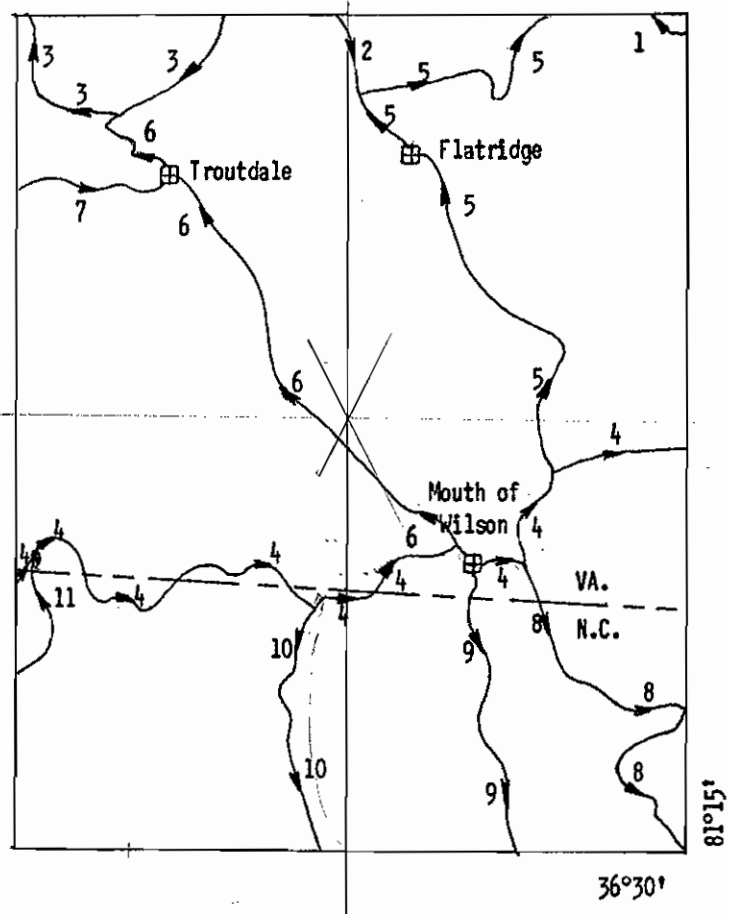
PR: CRV/jyk

RURAL RETREAT
(55)

NGVD 29
Elevations

MT. ROGERS
(24 VA.-276 N.C.)

INDEPENDENCE
(22 VA.-274 N.C.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360811

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NGVD 29
Elevations

MOUTH OF WILSON QUADRANGLE
Book B3634

23 VA.-275 N.C.

F. B. Neary

1930

LINE 1.Feet

F. B. Neary, 1930; Book B3634

There are no permanent marks on this line in this quadrangle.

LINE 2.

F. B. Neary, 1931; Book B4113

Houndshell Gap; 65 ft E. of center of rd. at gap; 4.8 mi SE. of Sugar Grove; on rock ledge; standard tablet stamped "N 13 1931"

3655.110

Reference mark; 30 ft NW. of tablet; on rock; chiseled square

3650.16

LINE 3.

F. B. Neary, 1931; Book B4113

Sugar-Grove, 3.0 mi SW. of; 125 ft S. of center of bridge over Dickey Creek; 115 ft W. of center of RR. trestle; 25 ft E. of center of rd.; in boulder; standard tablet stamped "N 14 1931"

2835.720

Dickey Gap, 0.6 mi SW. of; 6 ft N. of N. rail; 125 ft W. of RR. crossing private rd.; on rock ledge; standard tablet stamped "N 15 1931" (Reported destroyed by rd. construction)

3436.020

Reference mark; 20 ft W. of tablet; on rock ledge; chiseled square

3437.37

Dickey Gap, 3.4 mi NW. of; 15 ft NE. of center of rd. at stream crossing; in rock ledge; standard tablet stamped "N 16 1931"

2603.087

Reference mark; 20 ft SE. of tablet; on boulder; chiseled square

2605.08

LINE 4.NGVD 29
Elevations

A. L. Moore, 1934; Book B5839

Wolf Knob School, 0.6 mi NW. of; 8.5 mi W. of Grassy Creek Post Office; 170 ft E. of intersection of State Highways 746 and 797; 24 ft SE. of 6-in. walnut tree; 39 ft S. of poplar tree; 20 ft N. of wood rail fence; 40 ft S. of creek; in rock outcrop; standard tablet stamped "14 M 3120 1934"

3119.819

Reference mark; 90 ft W. of tablet; 50 ft SE. of rd. fork; 30 ft N. of rd.; 40 ft S. of creek; 60 ft E. of creek fork; on ledge; chiseled square

3128.02

U.E., Wolf Knob School, 1.2 mi SE. of; 7.9 mi W. of Grassy Creek Post Office; 25 ft NW. of rd. fork; 20 ft N. of bridge; 15 ft W. of rd.; on E. bank of Little Helton Creek; on ledge; chiseled square

2862.43

Greenwood Church; 0.2 mi S. of Virginia-North Carolina State line; 2.8 mi S. of Rugby; 5.5 mi W. of Grassy Creek Post Office; in ledge at NW. corner of church; standard tablet stamped "M 15 1934"

2757.740

MOUTH OF WILSON QUADRANGLE

23 VA.-275 N.C.

LINE 4 (Cont'd.)Feet

Reference mark; 55 ft E. of tablet; 20 ft E. of NE. corner of Greenwood Church; on ledge; chiseled square	2768.72
Grassy Creek; 2.1 mi W. of post office; 100 ft SW. of rd. fork; 100 ft NE. of creek; 60 ft SW. of house; 20 ft W. of rd.; 2 ft W. of fence; in ledge; standard tablet stamped "16 M 1934"	2698.750
U.E., Grassy Creek; 280 ft S. of post office; 370 ft S. of rd. fork; 890 ft S. of North Carolina-Virginia State line; on W. end of N. abutment of bridge over Grassy Creek; chiseled square	2649.20
Grassy Creek Post Office, 1.2 mi E. of; 2.8 mi W. of Mouth of Wilson; about 300 ft SW. of centerline of hwy.; 270 ft NW. of private drive SW.; 30 ft W. of E. corner of field; 13 ft SW. of creek; 15 ft SE. of 24-in. ash tree; 4 ft SW. of 18-in. locust tree; in rock outcrop; standard tablet stamped "M 17 1934-2677"	2676.959
Reference mark; 20 ft E. of tablet; on ledge; chiseled square	2675.99
Mouth of Wilson, 0.2 mi SE. of; in field of A. E. Parsons; 32 ft N. of center of U. S. Highway 58; 2 ft inside fence; in concrete post; standard tablet stamped "TI 5 H 1934" (Not found, 1951)	2472.370
Reference mark; 60 ft W. of tablet; in N. end of concrete culvert; chiseled square	2464.57
U.E., Mouth of Wilson, 2.3 mi NE. of; on S. end of E. abutment of bridge over Peggies Branch; chiseled square	2455.64
U.E., Fox; 0.4 mi W. of post office; 3.7 mi NE. of Mouth of Wilson; 40 ft S. of store; 50 ft W. of rd. forks; on NW. corner of concrete steps to church; chiseled square	2575.97
Fox; 650 ft SW. of post office; 173 ft NW. of U. S. Highway 58; in field of W. G. Andrews; in rock outcrop; standard tablet stamped "TI 4 H 1934"	2622.935
Reference mark; 210 ft E. of tablet; on NE. corner of E. end of concrete culvert; chiseled square	2621.67
U.E., Fox; 2.4 mi NE. of post office; on SW. corner of concrete bridge over Bridle Creek; chiseled square	2577.28

LINE 5.NGVD 29
Elevations

A. L. Moore, 1934; Book B5840	
U.E., Fox; 1.3 mi NW. of post office; 150 ft SW. of bridge over small creek; 120 ft N. of Fox Creek; 40 ft SW. of Highway 711; on ledge; chiseled square	2452.33
Fox; 2.7 mi NW. of post office; 500 ft NE. of mouth of Middle Fox Creek; 100 ft E. of rd. fork; in ledge; standard tablet stamped "18 M 1934"	2511.247
Reference mark; 20 ft N. of tablet; on ledge; chiseled square	2510.78
U.E., Fox; 3.6 mi NW. of post office; 40 ft NE. of junction of State Highways 711 and 727; 20 ft E. of rd.; on W. edge of Middle Fox Creek; on ledge; chiseled square	2499.07

MOUTH OF WILSON QUADRANGLE

23 VA.-275 N.C.

LINE 5 (Cont'd.)Feet

Middle Fox Creek Bridge, 740 ft N. of, along State Highway 601; 60 ft S. and 40 ft W. of rd. fork; in SW. corner of yard of William Robert; 2 ft inside of yard fence; 3 ft from fencepost; in concrete post; standard tablet stamped "TT 2 H 1934"	2668.276
Reference mark; 24 ft S. of tablet; 20 ft W. of rd.; 8 ft N. of Spring Creek; on boulder; chiseled square	2666.66
Flatridge; 0.6 mi S. of post office, along State Highway 601; in field of Herbert Russell; 58 ft S. and 43 ft E. of private rd. W.; 38 ft E. of fencepost; in rock outcrop; standard tablet stamped "TT 3 H 1934"	2913.928
Reference mark; 115 ft NE. of tablet; 100 ft E. of private rd. W.; 60 ft SE. of rd.; 20 ft S. of drain on ledge; chiseled square	2906.27
U.E., Houndshell Gap, 0.7 mi SE. of; 2.5 mi NW. of Flatridge Post Office; 90 ft E. of Laurel Creek; 30 ft SW. of T-rd. E.; on ledge; chiseled square	3491.04
U.E., Houndshell Gap, 1.7 mi SE. of; 25 ft E. of private rd. N.; on S. side of rd.; on large boulder; chiseled square	3491.04
U.E., Houndshell Gap, 1.7 mi SE. of; 25 ft E. of private rd. N.; on S. side of rd.; on large boulder; chiseled square	3612.96
Burton Church, 2.6 mi E. of; on rd. to Blue Spring Gap; 300 ft NW. of farmhouse of Charlie Parks; on E. side of rd.; in rock outcrop; standard tablet stamped "TT 15 D 1931"	3387.395
Reference mark; 60 ft SE. of tablet; 25 ft NE. of spring house; 15 ft N. of rd.; on boulder; chiseled square	3383.45
Blue Spring Gap, 2.7 mi SW. of; 5.1 mi NE. of Flatridge; 30 ft S. of private rd.; 40 ft W. of house; 40 ft E. of rd.; in ledge; standard tablet stamped "19 M 1934"	4176.200
Reference mark; 50 ft NW. of tablet; at junction of private rd.; on ledge; chiseled square	4179.37

LINE 6.NGVD 29
Elevations

A. L. Moore, 1934; Book B5840	
Volney; 0.8 mi SE. of post office; 3.2 mi NW. of Mouth of Wilson; 22 ft S. and 70 ft W. of center of new concrete bridge over Big Wilson Creek; on rock outcrop; standard tablet stamped "TT 6 H 1934"	2578.523
Reference mark; 135 ft W. of tablet; 40 ft S. of rd.; on ledge; chiseled square	2576.47
U.E., Volney; 290 ft E. of post office; on top of NW. wingwall of new concrete bridge; chiseled square	2634.68
Volney; 2.0 mi NW. of post office; 80 ft N. and 46 ft E. of crossroad; in field of D. P. Pollard; 2 ft inside fence; in concrete post; standard tablet stamped "TT 7 H 1934" (Not found, 1964)	2796.330

MOUTH OF WILSON QUADRANGLE

23 VA.-275 N.C.

LINE 6 (Cont'd.)feet

Reference mark; 470 ft S. of tablet; 390 ft S. of crossroad; in top of SE. wingwall of concrete bridge over Wallen Creek; chiseled square	2785.72
U.E., Grant, 500 ft W. of; 3.0 mi NW. of post office at Volney; 150 ft S. of rd. fork; 20 ft W. of rd.; on ledge; chiseled square	2790.70
Troutdale, 1.3 mi S. of, along U. S. Highway 58; 90 ft SW. from center of old wooden bridge over Fox Creek; 79 ft SW. of poplar tree; inside fence corner; in concrete post; standard tablet stamped "TT 8 H 1934"	2847.970
Reference mark; 155 ft N. of tablet; 65 ft N. of Fox Creek; 30 ft S. of rd.; 10 ft N. of 36-in. pine tree; on ledge; chiseled square	2849.34
"TT 9 H 1934" (Destroyed, 1974)	3067.079
Reference mark; 80 ft E. of tablet; 20 ft E. of creek; 65 ft W. of State Highway 25; on NW. corner of concrete foundation of steel tank; chiseled square	3066.68
Dickey Gap; 2.7 mi N. of Troutdale; 9 ft S. and 55 ft E. of junction of State Highway 88 and U. S. Highway 58; in rock outcrop; standard tablet stamped "TT 10 H 1934"	3312.677

LINE 7.

A. L. Moore, 1934; Book B5840

Fairwood School, 0.1 mi E. of; 2.7 mi W. of Troutdale; 55 ft S. and 15 ft E. of old gate entrance to pasture; 70 ft S. of rd.; in rock outcrop; standard tablet stamped "TT 15 H 1934"	3337.467
Reference mark; 45 ft E. of tablet; on ledge; chiseled square	3336.14

LINE 8.NGVD 29
Elevations

A. T. Adams, 1950; Book AV 232

Mouth of Wilson, 0.6 mi E. of, along U. S. Highway 58, thence 1.6 mi SE. along Highway 93; 2.2 mi NW. of Piney Creek; 150 ft S. of Virginia-North Carolina State line; 63 ft N. of junction of rd. and private drive NE.; 2 ft E. of fence; on E. side of rd.; in concrete post; standard tablet stamped "56 ATA 2575 1950" (Not found, 1965)	2574.583
Reference mark; 75 ft S. of tablet; on E. side of rd.; on edge of vertical rock ledge; chiseled square	2584.96
Piney Creek; 63 ft N. of crossroad; 8 ft NE. of rd. sign; 5 ft E. of 4-in. apple tree; in concrete post; standard tablet stamped "57 ATA 2762 1950" (Reported destroyed, 1965)	2761.682
Reference mark; 210 ft N. of tablet; on E. side of rd.; on NW. corner of concrete base of Gulf signpost; chiseled square	2749.14

MOUTH OF WILSON QUADRANGLE

23 VA.-275 N.C.

LINE 8 (Cont'd.)Feet

Piney Creek; 2.6 mi SE. of, along State Highway 93; 120 ft SW. of intersection of State Highway 93 and rd. SW.; 2 ft E. of fence corner; 4 ft SE. of 5-in. maple tree; in concrete post; standard tablet stamped "58 ATA 2721 1950" (Reported destroyed, 1965)	2720.993
Reference mark; 175 ft E. of tablet; on NW. side of State Highway 93; 2 ft SW. of NE. end of corrugated iron culvert; chiseled cross	2702.10
Piney Creek, 2.6 mi SE. of, along State Highway 63, thence 2.5 mi SW. along dirt rd.; 30 ft E. of Y-junction of rds.; in SW. corner of field; 1 ft E. of barbwire fence; 4 ft E. of mailbox; in concrete post; standard tablet stamped "59 ATA 2874 1950"	2874.011
Scottville, 5.0 mi E. of, along U. S. Highway 221, thence 2.3 mi NW.; 48 ft NW. of crossroads; 70 ft SE. of SE. corner of cinder block milk parlor; 79.5 ft NE. of NE. corner of metal storage building; 74.6 ft N. of NW. corner of brick porch; in concrete post; standard tablet stamped "60 ATA 1950 RESET 1977"	2997.411

LINE 9.

A. T. Adams, 1950; Book AV 232

Mouth of Wilson, 2.6 mi S. of, along dirt rds.; 5.6 mi N. of Topia; on N. side of New River; 40 ft S. of junction of rd. E.; 14 ft S. of stream; 3 ft S. and 1 ft E. of S. gatepost of office; in concrete post; standard tablet stamped "81 ATA 2485 1950"	2485.926
Reference mark; 50 ft N. of tablet; 4 ft SW. of 18-in. walnut tree; on rock outcrop; chiseled square	2486.49
Topia, 2.3 mi N. of, along rd.; 25 ft SSW. of Y-junction of rds.; 3 ft W. and 1 ft N. of NE. fence corner of field; in concrete post; standard tablet stamped "82 ATA 2783 1950" (Not found, 1965)	2782.854
Reference mark; 7 ft NW. of tablet; on quartz rock; chiseled square	2783.11
Topia, 0.6 mi N. of, along rd. to New River; 280 ft NW. of junction of rd. N.; 24 ft N. of junction of private drive NE.; 9 ft W. and 1 ft S. of W. gatepost of gate; in concrete post; standard tablet stamped "83 ATA 2613 1950"	2613.670

LINE 10.NGVD 29
Elevations

A. T. Adams, 1950; Book AV 232

Grassy Creek, 1.3 mi S. of, along State Highway 16; 60 ft NE. of junction with rd. E. to Weavers Ford; 21 ft E. of rd. sign; 14 ft W. of stop sign; 1 ft S. of third fencepost from SW. corner of pasture; in concrete post; standard tablet stamped "68 ATA 2743 1950" (Reported destroyed, 1965)	2743.369
Reference mark; 200 ft N. of tablet; on W. side of rd.; in center of concrete headwall of culvert; chiseled square	2734.31
Grassy Creek, 3.8 mi S. of, along State Highway 16; 120 ft W. of junction with rd. NW. at top of hill; 23 ft N. of center of rd.; 25 ft S. of SW. corner of wooden store; 22 ft W. of mailbox; in concrete post; standard tablet stamped "69 ATA 2955 1950"	2955.203

P. W. C.

MOUTH OF WILSON QUADRANGLE

23 VA.-275 N.C.

LINE 10 (Cont'd.)feet

Reference mark; 70 ft E. of tablet; on W.end of concrete base of Esso Gas pumps; chiseled square	2951.51
Grassy Creek; 5.6 mi S. of, along State Highway; 69 ft SE. of junction with field rd. W.; 60 ft SE. of junction with lane E.; 9 ft E. of mailbox; in concrete post; standard tablet stamped "70 ATA 2577 1950"	2576.455
Reference mark; 120 ft SE. of tablet; on NE. side of rd.; center of concrete headwall of culvert; chiseled square	2569.56

LINE 11.

A. T. Adams, 1950; Book AV 232

Sturgills, 0.6 mi E. of, along State Highway 162, thence 0.5 mi N. along dirt rd.; 400 ft N. of Y-junction of dirt rds.; 2 ft S. of SW. corner of yard; 6 ft NE. of gate into pasture; 22 ft W. of spruce tree; in concrete post; standard tablet stamped "23 ATA 2826 1950"	2825.697
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NGVD 29
Elevations