

1ST ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-080-43
GALAX QUADRANGLE
21 VA.-273 N.C.
N3630-W8045/15
DIAGRAM NJ 17-11
WINSTON-SALEM

Carroll and Grayson Counties, Va.
Alleghany and Surry Counties, N.C.

Final adjustment of 1972

Edition of 3/10/78

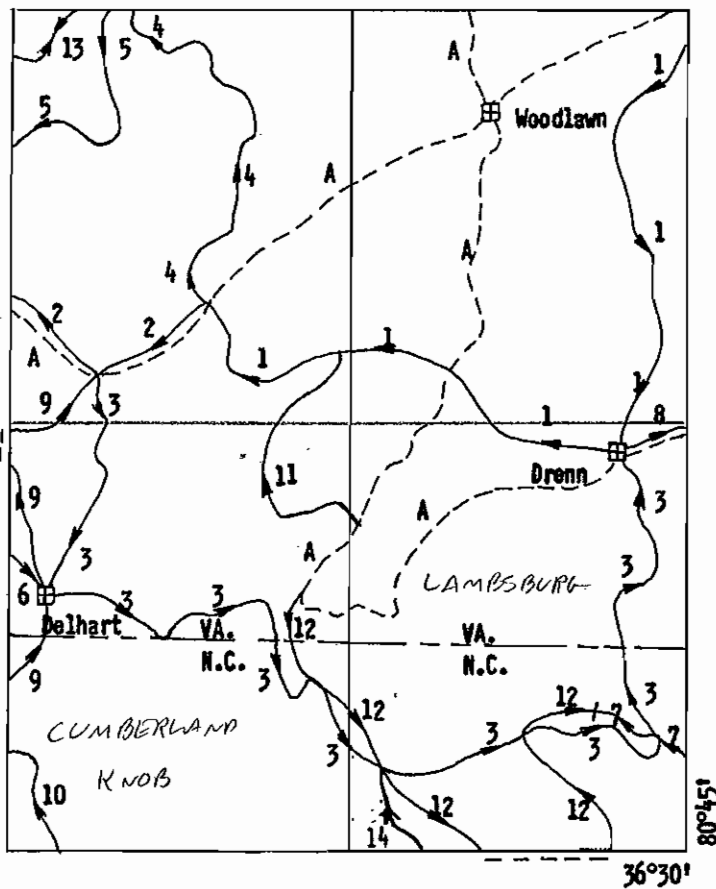
PR: CRV/jyk

NGVD 29
Elevations

MAX MEADOWS
(53)

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

MOUNT AIRY
(20 VA.-272 N.C.)



ROARING GAP
(248)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360804

* Tie to Isolated Control

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GALAX QUADRANGLE
Book B3633

21 VA.-273 N.C.

F. B. Neary

36-080-43

3

1930

LINE 1.

Feet

By F. B. Neary, 1930; Book B 3633

Hillsville, 3.0 mi SW. of; 500 ft N. of Gardner Mills; 100 ft E. of center of bridge over Little Reed Island Creek; 45 ft SE. of rd., at bend; in rock outcrop; standard tablet stamped "N 1 1930"	2361.066
Reference mark; 85 ft W. of tablet; on N. side of E. abutment of bridge; chiseled square	2358.14
Eona, 1.2 mi SW. of; 1.4 mi N. of Cap; 50 ft NW. of store of J. W. Edwards; 35 ft SE. of forks of rd.; in concrete post; standard tablet stamped "N 2 1930" (Not found, 1962)	2671.018
Reference mark; 55 ft S. of tablet; on base of gasoline stand; chiseled square	2670.98
U.E., Cap, 0.5 mi N. of; 2.1 mi S. of Eona; 100 ft N. of summit of hill; E. side of rd.; on ledge; chiseled square	2931.58
"N 3 1930" (Destroyed, 1957)	2915.488
Pipers Gap, 2.9 mi N. of; 25 ft W. of crossroad; 3 ft SW. of gatepost; in concrete post; standard tablet stamped "N 4 1930" (Not found, 1962)	2885.584
Pipers Gap; 30 ft W. of junction of Pipers Gap Road and rd. to Lamsburg; 40 ft NW. of stream; in concrete post; standard tablet stamped "N 5 1930"	2690.739
Reference mark; 40 ft S. of tablet; on rock; chiseled square	2688.82
Pipers Gap; 1.7 mi E. of old post office; 47 ft SW. of fork of rd. S. to Combs Store; in concrete post; standard tablet stamped "N 6 1930 RESET 1967"	2972.541
U.E., on S. headwall of concrete culvert; chiseled square	2963.01
U.E., Galax, 7.0 mi SE. of; 0.5 mi NW. of old Pipers Gap Post Office; 20 ft S. of rd.; on E. corner of concrete platform of store; square cut	2746.03

NGVD 29
Elevations

GALAX QUADRANGLE

21 VA.-273 N.C.

LINE 1 (Cont'd.)

	<u>Feet</u>
Galax, 6.4 mi SE. of; 250 ft S. of store of Ike Lowe; 15 ft SW. of crossroad; in concrete post; standard tablet stamped "N 7 1930" (Not found, 1962)	2614.678
Reference mark; 75 ft NW. of tablet; on N. headwall of concrete culvert; chiseled square	2618.30
Galax; 2.4 mi SE. of; 100 ft NW. of T-rd. fork S., along Chestnut Creek; 15 ft W. of drain; in rock ledge; standard tablet stamped "N 8 1930"	2379.108
Reference mark; 20 ft due E. of tablet; on ledge; chiseled square	2377.72
U.E., Galax, 1.2 mi SE. of; 100 ft S. of intersection of State Highway 117 with Pipers Gap Road; on W. end of NW. wingwall of bridge over Chestnut Creek; square cut	2365.06
Galax; 45 ft NW. of intersection of Grayson and Main Streets; in SE. corner of First National Bank of Galax; standard tablet stamped "N 9 1930" (Tied by NGS, 1935)	2381.859
Reference mark; 80 ft N. of tablet; on street; on W. curb; chiseled square	2383.56

LINE 2.NGVD 29
Elevations

F. B. Neary, 1930; Book B3633

Hillsville, 2.8 mi SW. of; 12 ft SE. of center of highway bridge over Pine Branch; 130 ft S. of fork of second-class rd. S.; on W. edge of rd.; top of rock outcrop; standard tablet stamped "N 10 1930" (Tied by NGS, 1935) (Not found, 1962)	2400.156
Reference mark; 150 ft N. of tablet; E. end of N. abutment of bridge; chiseled square	2401.57
U.E., Hillsville, 3.9 mi SW. of; 0.7 mi NE. of store of Sid C. Robinson; on S. headwall of concrete culvert; chiseled square	2535.43
U.E., Hillsville, 4.7 mi SW. of; 1.5 mi NE. of Woodlawn; 60 ft W. of crossroad at store of Sid C. Robinson; N. end of concrete base to gasoline pump; chiseled square	2568.80
Woodlawn; 40 ft N. of crossroad; at store of M. Gynn; in NW. corner of concrete platform; standard tablet stamped "N 11 1930" (Tied by NGS, 1935)	2520.599
Reference mark; 25 ft E. of tablet; on SE. corner of concrete platform; chiseled square	2520.50
U.E., Woodlawn, 0.9 mi SW. of; on N. end of W. abutment of hwy. bridge over Crooked Creek; chiseled square	2329.74
U.E., Woodlawn, 1.7 mi SW. of; 35 ft SW. of T-rd. S.; on large boulder; chiseled square	2552.82
Galax, 3.5 mi NE. of; 3.7 mi SW. of Woodlawn; 50 ft NW. of fork of rd. N. to Bowers Ferry; 40 ft W. of fence corner beside SE. corner of service station owned by B. P. Williams; in concrete post; standard tablet stamped "N 12 1930" (As reset, 1933) (Tied by NGS, 1935)	2490.917
Reference mark; 140 ft E. of tablet; N. headwall of concrete culvert; chiseled square	2483.57

GALAX QUADRANGLE

21 VA.-273 N.C.

LINE 2 (Cont'd.)Feet

- Reavistown; 3.1 mi SW. of Galax; 48 ft SE. of, and 10 ft lower than centerline of U. S. Highway 58; 19 ft SE. of steel witness post with white sign; in rock ledge 3 ft SE. of creek; 1 ft above water level; standard tablet stamped "N 10 1930 2274" (Not found, 1962) 2274.427
- Reference mark; 40 ft NE. of tablet; on E. headwall of concrete culvert; chiseled square 2278.54
- U.E., Galax, 4.0 mi SW. of; on W. end of third pier from S. end of U. S. Highway 58 bridge over New River; square cut 2239.55
- Galax, 5.3 mi SW. of; 75 ft E. of fork of rd. N.; on N. headwall of concrete culvert; square cut 2240.49

LINE 3.

F. B. Neary, 1930; Book B3633

NGVD 29
Elevations

- "N 10 1930" (Described in line 2) (Not found, 1962) 2274.427
- U.E., Galax, 5.5 mi SW. of; 20 ft NW. of fork of rd. S.; on W. edge of Ennice Road; on rock ledge; chiseled square 2395.84
- U.E., Galax, 6.4 mi SW. of; 6.4 mi NW. of Edmonds; 30 ft SW. of second-class rd. fork; at summit of hill; W. edge of rd.; on ledge; chiseled square 2615.94
- Sparta, about 14.0 mi NE. of; 1.8 mi NE. along State Highway 622 to Delhart; 3.7 mi SW. of Reavistown; 75 ft W. of W. corner of brick house of Roy Hobbitt; 6 ft W. of W. end of white gate; in concrete post; standard tablet stamped "N 14 1930 2426" (Reported destroyed, 1962) 2425.694
- Delharts Store, 0.5 mi S. of; 30 ft SE. of crossroad; in concrete post; standard tablet stamped "N 15 1930" (Reported destroyed, 1962) (Erroneously stamped) 2812.555
- Edmonds; 70 ft S. of North Carolina-Virginia State line; about 50 ft W. of State line; NW. of NW. corner of store of S. T. Sharpe; 80 ft W. of rd.; in rock ledge; standard tablet stamped "N 16 1930" 2737.034
- Tollivers School; 3.0 mi NE. of Edmonds; 1.0 mi NW. of Low Gap; 40 ft W. of junction of rd. SW. to Edmonds with State Highway 96; in concrete post; standard tablet stamped "N 17 1930" (As reset, 1942) (Not found, 1962) 2650.810
- Reference mark; 50 ft NE. of tablet; on concrete base of gasoline pump; chiseled square 2653.60
- U.E., Low Gap; on State Highway 96; 0.3 mi N. of North Carolina-Virginia State line; at top of gap; 50 ft S. of store of C. L. Lowe; on concrete base to gasoline pump; square cut 2600.21
- Galax, 8.9 mi SE. of; 1.7 mi SE. of North Carolina-Virginia State line; 3.5 mi NW. of Low Gap Store; 2 ft E. of E. edge of rd. and 0.5 ft above rd. level; in ledge; standard tablet stamped "N 18 1930" (Not found, 1962) 2107.492
- Reference mark; 7 ft S. of tablet; on ledge; chiseled square 2107.60
- U.E., Low Gap Store, 2.6 mi N. of; 70 ft E. of store; 15 ft S. of rd.; on rock ledge; square cut 1881.61

GALAX QUADRANGLE

21 VA.-273 N.C.

NGVD 29
ElevationsLINE 3 (Cont'd.)Feet

Low Gap; 225 ft N. of store of T. M. Woodruff and Company; 60 ft SW. of T-rd. fork E. to Lamsburg; 1 ft E. of board fence at point 3 ft N. of S. end; in concrete post; standard tablet stamped "N 19 1930" (Not found, 1962)	1456.580
Low Gap Store, 4.3 mi E. of; 4.8 mi SW. of Lamsburg; at T-rd. fork; 20 ft NE. of rd.; 13 ft SE. of rd. NE. to Lamsburg; 5 ft W. of corner fencepost; on edge of rd. ditch; in concrete post; standard tablet stamped "N 20 1930 1327 RESET 1965"	1327.188
Reference mark; 160 ft W. of tablet; on W. end of E. abutment of bridge; chiseled square	1326.83
Lamsburg, 2.5 mi S. of; about 300 ft N. of North Carolina-Virginia State line; about 100 ft W. and 30 ft S. of centerline of drive (rd. changed); in concrete post; standard tablet stamped "N 21 1930"	1524.422
Lamsburg, S. of; W. of State Highway 696; 530 ft SW. of intersection of State Highways 620 and 696; 20 ft W. of Highway 696; about 7 ft higher than rd.; in concrete post flush with ground; standard tablet stamped "N 22 1930" (Not found, 1962)	1478.880
U.E., Lamsburg, 1.0 mi NW. of; 2.7 mi SE. of Pipers Gap; 10 ft W. of rd.; on rock ledge; square cut	1739.69
U.E., Lamsburg, 2.0 mi NW. of; 1.7 mi NE. of Pipers Gap; 15 ft SW. of rd. at trail fork S.; on boulder; square cut	2263.27
U.E., Pipers Gap, 0.8 mi SE. of; 15 ft NE. of rd. fork E.; on S. end of small boulder; square cut	2553.47

LINE 4.

F. B. Neary, 1930; Book B3633	
"N 9 1930" (Described in line 1)	2381.859
U.E., Galax, 1.0 mi NW. of; 125 ft W. of rd. crossing; 4 ft W. of W. rail; on rock ledge; chiseled square	2344.00
U.E., Galax, 2.0 mi NW. of; 0.6 mi SE. of Cliffview; 6 ft W. of W. rail; on ledge; square cut	2325.91
Galax, 3.0 mi NW. of; 0.2 mi N. of Cliffview Station; 35 ft E. of E. rail; in ledge; standard tablet stamped "N 28 1930"	2307.696
Reference mark; 420 ft S. of tablet; 4 ft W. of track; on ledge; square cut	2311.20
U.E., Cliffview, 1.3 mi NW. of; E. side of track; at S. end of cut; on ledge; square cut	2293.96
Cliffview, 2.2 mi NW. of; 0.3 mi SE. of milepost No. 47; 75 ft N. of stream; 15 ft N. of trail; 30 ft W. of track; in top of ledge; standard tablet stamped "N 29 1930"	2265.178
Reference mark; 30 ft S. of tablet; on boulder; square cut	2256.63

GALAX QUADRANGLE

21 VA-273 N.C.

LINE 4 (Cont'd.)

	<u>Feet</u>
U.E., Cliffview, 3.3 mi NW. of; 125 ft N. of Norfolk and Western Railroad bridge No. 1555; 4 ft W. of W. rail; on rock ledge; square cut	2231.31
U.E., Cliffview, 4.4 mi NW. of; 50 ft SE. of Chestnut Yard Station; on concrete headwall of culvert; square cut	2210.63
U.E., Chestnut Yard, 1.1 mi NW. of; on E. end of culvert over drain; square cut	2191.43
Chestnut Yard, 1.8 mi NW. of; 4.0 mi SW. of Fries Junction; 0.4 mi SW. of milepost No. 43; 0.2 mi W. of bridge No. 1553; 20 ft NW. of track; in top of rock ledge; standard tablet stamped "N 30 1930" (Reported destroyed, 1964)	2187.318
Reference mark; 60 ft SW. of tablet; on rock ledge; square cut	2185.70
U.E., Fries Junction, 2.9 mi SE. of; 0.4 mi SE. of milepost No. 42; 7 ft N. of rail; on rock ledge; square cut	2166.48
U.E., Fries Junction, 1.9 mi SE. of; 0.3 mi S. of milepost No. 41; 4 ft SW. of rail at SE. end of curve; on ledge; square cut	2164.07
U.E., Fries Junction, 0.8 mi SE. of; 150 ft N. of N. end of tunnel; 4 ft E. of rail; on ledge; square cut	2125.97

LINE 5.NGVD 29
Elevations

F. B. Neary, 1930; Books B3533 and B3534

U.E., Fries Junction, 1.3 mi S. of; 525 ft S. of milepost No. P-41; on N. end of E. headwall of concrete culvert; square cut	2116.89
Fries Junction, 2.3 mi S. of; 3.1 mi N. of Fries; 125 ft N. of milepost No. P-42; 30 ft E. of track; in top of boulder; standard tablet stamped "N 32 1930"	2132.830
Reference mark; 45 ft SW. of tablet; on ledge; square cut	2138.66
U.E., Fries, 2.1 mi N. of; 300 ft N. of rd. crossing; 60 ft NE. of milepost No. P-43; on E. end of stone trestle; square cut	2166.18
U.E., Fries, 1.0 mi N. of; 150 ft SW. of milepost No. P-44; 15 ft W. of rd. crossing; on N. headwall of concrete culvert; square	2154.84
Fries; 125 ft SE. of RR. station; 4 ft N. of N. rail; 1 ft NW. of milepost No. P-45; in concrete post; standard tablet stamped "N 33 1930"	2182.06
Reference mark; 35 ft E. of tablet; on ledge; square cut	2182.06
U.E., Fries, 1.1 mi SW. of; 125 ft NW. of second-class rd. fork; on E. edge of rd.; on small ledge; square cut	2268.30

GALAX QUADRANGLE
Book B3634

21 VA.-273 N.C.

F. B. Neary

1930

LINE 6.

Feet

F. B. Neary, 1930; Book B3634

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

LINE 7.

R. H. Paine, 1956; Book AV 468

10 17	10.05	U.E., on E. corner of concrete base of chimney at SE. side of Crooked Oak Church; chiseled square	1411.93
		<i>THIS B.M. IS NO LONGER VALID, CHURCH & CHIMNEY HAVE BEEN MOVED, ACCORDING TO LOCAL RESIDENT. 3/97</i>	
10 18	10.32	Pine Ridge, 3.6 mi NW. of, along Crooked Oak Road; at crossroad; 64 ft E. of rd. N.; 33 ft N. of rd. E.; in top of W. end of concrete base of gas pumps in front of Seals Grocery; standard tablet stamped "TI 2 TWC 1956 1417" (NOTE: Use position of this tablet with caution it may have been moved.)	1417.18 1417.13
		<i>"CROOKED OAK"</i>	
		<i>80' E. OF THE CROSSROADS; 18' S. OF THE SW COR. OF CONC. BLOCK STORE</i>	
10 20	11.28	U.E., on S. end of W. concrete abutment of bridge; hollow chiseled square	1241.86
10 22	12.47	U.E., on SE. end of SW. concrete abutment of bridge; chiseled square	1284.396
10 24	13.76	Low Gap Store, 4.3 mi E. of; 4.8 mi SW. of Lamsburg; at T-rd. fork; 20 ft NE. of rd.; 13 ft SE. of rd. NE. to Lamsburg; 5 ft W. of corner fencepost; on edge of rd. ditch; in concrete post; standard tablet stamped "M 20 1930 1327 RESET 1965" (Also described in line 3)	1326.642

LINE 8.

S. E. Mattingly, 1957; Book AV 468

NGVD 29
Elevations

1 63	0.00	"M 5 1930" (Described in line 1)	2690.739
1 63	0.14	U.E., along Blue Ridge Parkway at Piper Gap; at NW. corner of overpass over State Highway 97; in wheelguard; chiseled square	2761.11

LINE 9.

R. J. Neff, 1963; Book AV 956

17 44	9.95	Sparta, 9.9 mi E. of, along State Highway 18; 30 ft N. and 13 ft lower than centerline of rd. at culvert; in E. end of N. concrete headwall; standard tablet stamped "21 R.M 1963 2509"	2508.820
17 45	10.54	U.E., Sparta, 10.5 mi E. of, along State Highway 18; 72 ft E. of, and level with junction of State Highway 1441 N.; on W. end of N. concrete headwall of culvert; chiseled square	2494.82

GALAX QUADRANGLE

21 VA.-273 N.C.

NGVD 29
Elevations36-080-43
9LINE 9 (Cont'd.)

			<u>Feet</u>
17	49	11.84	
		Sparta, 11.8 mi NE. of; 0.5 mi S. of Delhart, along macadam rd.; 51 ft NE. of, and 4 ft higher than crossroad; in concrete post projecting 5 in.; standard tablet stamped "22 R.M 1963 2815"	2814.862
17	54	13.58	
		U.E., Delhart, 1.3 mi NE. of, along State Highway 622; about 200 ft E. of crest of hill; 13 ft N. of, and 1 ft lower than centerline of rd.; on corrugated pipe culvert; painted square	2477.27
17	55	14.03	
		"N 14 1930 2426" (Described in line 3)	2425.694
17	57	14.93	
		U.E., Delhart, 2.7 mi NE. of, along State Highway 622; 3 ft NW. of drive to house at curve; 17 ft W. of, and 1 ft lower than centerline of rd. at drive; on NW. corner of concrete catch basin; chiseled square	2342.33
17	60	15.89	
		Reavistown, 1.9 mi SW. of, along State Highway 622; 150 ft NW. of rd.; behind white frame house; on large boulder between two small outbuildings N. of creek; standard tablet stamped "23 R.M 1963 2326"	2325.495
17	64	17.74	
		"N 10 1930 2274" (Described in line 2) (Also in line 3) (Not found, 1962)	2274.427
17	65	18.30	
		"F 58 1935" (NGS) (Not found, 1962)	2355.566

LINE 10.

R. J. Neff, 1963; Book AV 956

18	20	5.96	
		Glade Creek Elementary School; 85 ft N. of, and 11 ft higher than junction of State Highways 1444 and 1464; in concrete base of flagpole; standard tablet stamped "26 R.M 1963 2834"	2833.758
18	21	5.96	
		Reference mark; 25 ft N. of tablet; on corner of concrete walk; chiseled square	2835.20
18	28	7.73	
		U.E., about 1.8 mi N. of Glade Creek School; 155 ft NW. of, and 7 ft higher than junction of State Highways 1457 and 1422; on SW. end of step at entrance to Little Pine Church; chiseled square	2859.72

LINE 11.

L. L. Bean, 1963; Book AV 996

2	1	0.00	
		"B 431 1963" (NGS)	2730.879
2	5	2.45	
		Galax; 3.9 mi S. of junction of U. S. Highway 58, along State Highway 89, thence 0.6 mi S. along State Highway 821, thence 1.1 mi E. along State Highway 720; 60 ft N. of, and about 2.0 ft higher than existing rd.; 39 ft E. of proposed State Highway 720; about 2 ft N. of fence between fields; in concrete post protruding about 10 in.; standard tablet stamped "70 LLB 1963 RESET 1966"	2487.148

GALAX QUADRANGLE

21 VA.-273 N.C.

LINE 11. (Cont'd.)Feet

2	10	5.09	Galax, 2.9 mi S. of, along State Highway 89; 79 ft S. and 30 ft W. of, and about 3 ft higher than I-rd. E. at crest of hill; in centerline of large stone outcrop; standard tablet stamped "71 LLB 1963 2561"	2560.734
2	13	7.19	"N 8 1930" (Described in line 1)	2379.108

LINE 12.NGVD 29
Elevations

L. L. Bean, 1963; Book AV 996

1	1	0.00	"G 431 1963" (NGS)	2488.483
1	1	0.62	U.E., State Highway 89 and bridge over Blue Ridge Parkway; in centerline of N. stone wheelguard; chiseled square	2535.20
1	6	2.11	Galax, 8.6 mi S. of, along State Highway 89; 0.5 mi S. of junction of State Highways 18 and 89; 12 ft SW. of SW. end of 24-in. culvert; in concrete post; standard tablet stamped "1 LLB 1963 2302"	2301.629
1	11	3.27	U.E., at Lowes store and service station; on SE. corner of concrete base of gas pumps; chiseled square	1879.66
1	14	4.15	Galax, 10.6 mi S. of; 1.5 mi N. of Low Gap; 54 ft S. and 54 ft W. of drive to T & G Grocery and station; in NE. corner of concrete base of Pure Gas sign; standard tablet stamped "2 LLB 1963 1595"	1995.286
1	18	5.67	"N 19 1930" (Described in line 3)	1456.580
1	27	8.98	Low Gap, 3.4 mi S. of, along State Highway 89; 20 ft E. of, and about level with rd. at drain; in centerline of E. concrete headwall; standard tablet stamped "3 LLB 1963 1358"	1358.425
1	30	10.44	U.E., at drain on SW. end of 3-ft concrete culvert; chiseled square	1352.86
1	33	11.42	Low Gap, 4.0 mi SE. of, along State Highway 89, thence 1.8 mi NE. along graveled rd.; 24 ft S. of rd. at field rd. N.; 1 ft S. of wire fence; in concrete post; standard tablet stamped "4 LLB 1963 1397"	1397.191
1	38	13.87	Low Gap, 4.0 mi SE. of, along State Highway 89, thence 3.0 mi E., thence 1.3 mi NW.; 21 ft W. of, and about level with lane E. to farmhouse; in concrete post; standard tablet stamped "5 LLB 1963 1333"	1333.028
1	42	15.67	U.E., 18 ft N. and 21 ft W. of, and 4 ft higher than I-rd. S.; on top of large rock ledge; chiseled square	1363.45
1	43	16.20	"N 20 1930 RESET 1965" (Described in line 3) (Also in line 7)	1326.642

GALAX QUADRANGLE
Book AV 1498

21 VA.-273 N.C.

H. W. Clarkson

1967

LINE 13.

Feet

H. W. Clarkson, 1967; Book AV 1498

2	10	4.82	Fries; 2.5 mi SW. of post office, along State Highway 94, thence 0.5 mi NW. along State Highway 648, thence 2.5 mi N. along State Highway 646, thence 1.2 mi N. along State Highway 604; 2.8 mi N. of fires, along State Highway 94, thence 1.0 mi SW.; 20 ft W. of centerline of field rd. E.; 2 ft E. of white board fence; in concrete post; standard tablet stamped "84 HBC 1967 2397"	2397.354
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LINE 14.

By H. L. Zohn, 1969; Book AV 1542

7	27	14.17	Low Gap, 1.1 mi S. of post office, along State Highway 89, thence 0.3 mi S. along County Road 1338; 68 ft SW. of, and about 4 ft higher than junction of County Roads 1338 and 1408; 1 ft E. of witness sign; in concrete post projecting 0.3 ft; standard tablet stamped "132 HLZ 1969"	1298.160
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7	30	15.55	"N 19 1930" (Described in line 3) (Also in line 12)	1456.580
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NGVD 29
Elevations

SPIRIT

214 LEVELING

NOAA FORM 5 (8-71) **GEODETIC SURVEY SECTION** **DEPT. NATURAL & ECONOMIC RESOURCES** **FROM BM** **430.357 M** **TO BM** **UE** **140421**

ZEISS Ni-V # S1803 **T TWC DRS** **WIND/SUN** **TIME 11:45** **DATE 86-08-28**

STATION NUMBER	THREAD READING BACKSIGHT	ROD READING		STADIA Δ/Σ	READING CHECK Δ/Σ	ROD AND TEMP	THREAD READING FORESIGHT	ROD READING		STADIA Δ/Σ	READING CHECK Δ/Σ	REMARKS
		LEFT	RIGHT					LEFT	RIGHT			
UE?	0.885					TP	0.402					
TP	2.852					LOWGAP AZ	1.755				DE = 1.581 ✓	
	3.737 ✓	3.0150					2.157 ✓	3.0150				
	HL	3.0150						3.0150				
WGAP AZ	1.644					TT2 TWC	1.625				DE = +0.019 ✓	
		3.0150						3.0150			MEAN DE = 0.018 ✓	
TT2 TWC	1.655	3.0150				LOWGAP AZ	1.672	3.0150			DE = -0.017 ✓	
		3.0150						3.0150				
WGAP AZ	2.025						3.170					
	0.450	3.0150				UE	0.887	3.0150				
	2.475						4.057 ✓				DE = 1.582 ✓	
		3.0150						3.0150				
											MEAN DE = 1.581 ✓	
		3.0150						3.0150				

NGVD 29 Elevations

141193
Elev UE = 430.357 ✓
DE = 1.581 ✓
Elev WGAP AZ = 431.938 ✓
DE 0.019 ✓
Elev TT2 TWC = 431.957 ✓

3/97
MAY HAVE BEEN MOVED
TT2 TWC = 431.937 M.
* Note TT2 TWC has been moved