

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

264 36-078-42
CLARKSVILLE QUADRANGLE
12 VA.-264 N.C.
N3630-W7830/15
DIAGRAM NJ 17-2
GREENSBORO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Charlotte, Halifax and Mecklenburg Counties, Va.;
Granville County, N.C.

Final adjustment of 1972

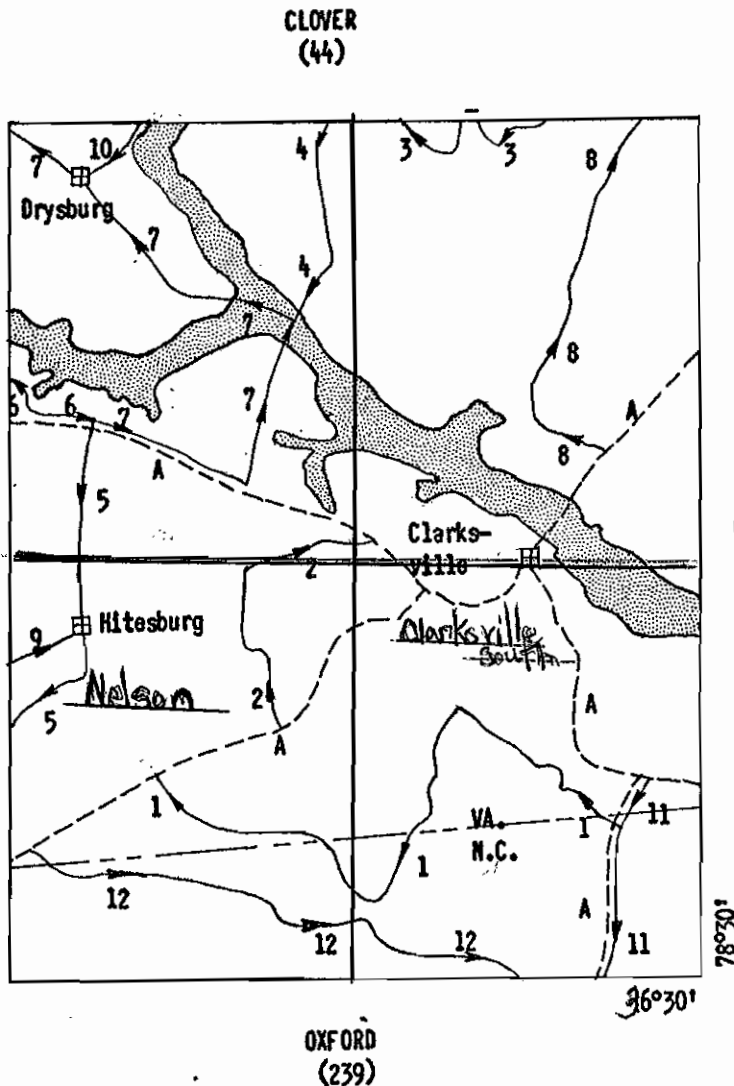
Edition of 6/1/73

PR: WSM/jyk

NGVD 29
Elevations

SOUTH BOSTON
(13 VA.-265 N.C.)

BOYDTON
(11 VA.-263 N.C.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360784

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NGVD 29
 Elevations

CLARKSVILLE QUADRANGLE
Books 5936, A 7540 and B 7862

12 VA.-264 N.C.

R. L. Libby and others

	<u>Feet</u>
ISOLATED BENCH MARKS (By R. L. Libby, 1905; E. O. Halbert, 1908 and A. C. Schilling, 1918; Books 5936, A 7540 and B 7862)	
Nelson, 2.9 mi W. of; 500 ft N. of RR.; 230 ft N. of hwy.; at one and one-half story house of Tuck Nelson; in E. face of chimney; 1.5 ft above ground; standard tablet stamped "447"	447.160
Clarksville, 2.5 mi S. of; 60 ft W. of Southern Railway tracks; at edge of woods directly opposite milepost 34; on iron post; standard cap stamped "326" (Reset at same elevation)	325.806
Clarksville; 25 ft S. of lower station; 5.0 ft above track; in face of rock cut; standard tablet stamped "286" (Reported destroyed, 1967)	286.092
Clarksville; on S. side of Main Street; between sidewalk and gutter; 125 ft W. of tracks; on iron post; standard cap stamped "286" (Reported destroyed, 1967)	285.902
Bluestone Creek; at mouth of; 250 ft N. of Roanoke River; 120 ft E. of Skipwith mill (deserted); top of low embankment; on iron post; standard cap stamped "284 ADJ 1903"	283.567
Abbyville, 1.0 mi below; in pasture lot of William Russell; 400 ft from river; in top of granite boulder; standard tablet stamped "290 ADJ 1903"	289.700
Abbyville, 2.0 mi above; on left bank of Roanoke River; at foot of bluff on McLean Plantation; 100 ft N. of old mill; set vertically in granite ledge; standard tablet stamped "296 ADJ 1903"	296.209
Abbyville, 5.0 mi above; on left bank of river; 0.2 mi below mouth of Difficult Creek, which is on right bank of river; on Baileys Plantation; set vertically in rock ledge; standard tablet stamped "213 ADJ 1903"	311.656
South Clarksville, 2.2 mi W. of; 300 ft N. of track; in S. face of chimney of one and one-half story log house of George Day; 1.5 ft above ground; standard tablet stamped "420"	419.518
Buffalo Junction, 2.0 mi W. of; 200 ft S. of RR.; in N. face of chimney of one and one-half story house of H. T. Arrington; 1.5 ft above ground; standard tablet stamped "471"	470.655
Buffalo Junction, 4.8 mi W. of; at brick RR. culvert; in top of S. headwall; standard tablet stamped "423"	423.679
Jefress; 10 ft S. of country rd.; 20 ft E. of Southern Railway; 3 ft S. of crossing post; on iron post; standard tablet stamped "321 1918" (Tied by NGS) (Reported destroyed, 1967)	321.833
Clarksville; in SW. corner of W. abutment pier of Southern Railway bridge; standard tablet stamped "288" (Tied by NGS) (Reported destroyed, 1967)	287.585

LINE 1.

C. S. Wells, 1939; Book B 7862

"R 30 1932" (NGS)

313.264

CLARKSVILLE QUADRANGLE

12 VA.-264 N.C.

NGVD 29
ElevationsLINE 1 (Cont'd.)

	<u>Feet</u>
Lewis Mill, on Big Grassy Creek; 9 ft SE. of corner of Mill House; 2 ft E. of chiseled cross on top step marked "BM 9"; in second stone step of foundation of dam; standard tablet stamped "TT 11 T 1938 279" (<u>Reported destroyed, 1957</u>)	278.935
Clarksville; 4.0 mi SW. of post office, along Secondary State Road 723; 25 mi NW. of Lewis Mill; 90 ft S. and 21 ft W. of junction of Secondary State Roads 723 and 724; 15 ft S. of lone 24-in. maple tree; in concrete post; standard tablet stamped "TT 12 T 1938 421"	419.928
Clarksville; 4.2 mi SW. of post office; about 0.5 mi N. of Virginia-North Carolina State line, along Secondary State Road 723; 390 ft S. of general store of George V. Powell; 27 ft W. of centerline of rd.; 52 ft S. of SE. corner of abandoned store building; in concrete post; standard tablet stamped "TT 13 T 1938 377"	377.201
Reference mark No. 1; in fence line; across rd. from small graveyard; 15 ft N. of centerline of rd.; 23 ft N. of 18-in. white oak tree; NGS standard reference mark disk stamped "CALLAHAN NO 1 1933"	432.239
Callahan; about 7.5 mi SW. of Stovall; 7.0 mi SW. of Clarksville; about 600 ft S. of Virginia-North Carolina State line; on land of A. L. Noblin; NGS standard triangulation station disk stamped "CALLAHAN 1933"	448.148
"K 52 1934 485.360" (NGS)	485.393
Nelson, 3.2 mi SE. of, along Secondary State Road 735; 1.0 mi W. of Callahans Store; near state line; 18 ft N. and 11 ft W. of centerline of Road 735 at junction of rd. NW.; in concrete post; standard tablet stamped "TT 1 T 1938 416" (<u>Reported destroyed, 1957</u>)	415.374
"L 52 1934 432.066" (NGS)	432.086

LINE 2.

C. S. Wells, 1939; Book B 7862

"K 52 1934 485.360" (NGS) (Described in line 1)	485.393
Averett, 4.6 mi N. of; 1.8 mi SW. of White House Crossroads; 32 ft N. and 42 ft W. of crossroad; in concrete post; standard tablet stamped "TT 2 T 1938 395"	395.189
Clarksville; 5.2 mi W. of post office, along U. S. Highway 58; 2.1 mi SE. of Buffalo Springs; 0.8 mi NE. of Buffalo Baptist Church; 35 ft NW. of power pole No. 683; 39 ft N. of telephone pole No. 357; 140 ft SE. of junction of Secondary State Road 730 SW. and E.B.L. Highway 58; on S. edge of right-of-way; in concrete post; standard tablet stamped "TT 10 T 1938 RESET 1969"	364.897
"H 52 1934" (NGS) (<u>Reported destroyed, 1959</u>)	432.529

CLARKSVILLE QUADRANGLE
Book B 7862

12 VA.-264 N.C.

C. S. Wells

NGVD 29
Elevations

1939

LINE 3.Feet

C. S. Wells, 1939; Book B 7862

Red Oak, 3.8 mi SE. of; 1.1 mi SW. of Gravel Hill School; 9 ft N. and 18 ft E. of centerline of Secondary State Road 699 at junction of Secondary State Road 610; in concrete post; standard tablet stamped "TT 7 T 1938 462"

462.509

LINE 4.

C. S. Wells, 1939; Book B 7862

U.E., Red Oak, 3.2 mi S. of, along U. S. Highway 15; 350 ft S. of Kunns filling station; 50 ft N. and 25 ft W. of centerline of rd. at junction of rd. W.; top of hwy. boundary post

417.09

U.E., Red Oak, 4.2 mi S. of, along U. S. Highway 15; 100 ft S. and 25 ft W. of centerline of rd. at junction of rd. E.; top of hwy. boundary post

404.08

Clarksville; 8.7 mi N. of post office, along U. S. Highway 15; 1.0 mi W. of Mission School; at Clarks service station; 108 ft W. of newly constructed Highway 15; 58 ft N. of Secondary State Road 699; in 2- by 3.5-ft concrete base of sign island at station; standard tablet stamped "TT 5 T 1938 RESET 1962"

399.854

LINE 5.

C. S. Wells, 1939; BooksBB 7862-3

U.E., Buffalo Springs, 0.8 mi NW. of, along U. S. Highway 58; 23 ft N. of centerline of hwy.; top of hwy. boundary post

409.73

Buffalo Springs, 2.5 mi NW. of, along U. S. Highway 58; at SW. end of hwy. bridge over Aarons Creek; 1 ft E. and 0.5 ft N. of SW. end of bridge; standard tablet stamped "1 W 1939 320" (Reported destroyed, 1957)

319.654

Reference mark; 570 ft SE. of tablet; 35 ft NW. and 30 ft SW. of centerline of U. S. Highway 58 at junction of Secondary State Road 722; top of hwy. boundary post

334.76

Virgilina, 4.9 mi N. and E. of; at Hitesburg; 300 ft NE. of centerline of Secondary State Road 602 at junction of Secondary State Road 733; at Hitesburg Baptist Church; in concrete step midway between two entrances to church; standard tablet stamped "TT 2 T 1936 433"

433.217

Reference mark; 50 ft SW. of tablet; 75 ft NW. of centerline of rd.; in root of 30-in. oak tree; copper nail and washer

433.67

Virgilina, 3.7 mi N. and E. of; 32 ft S. and 36 ft W. of centerline of Secondary State Road 604 at junction of Secondary State Road 606; at NE. corner of pine woods; in concrete post; standard tablet stamped "TT 1 T 1936 452" (Not found, probably destroyed, 1951)

452.403

CLARKSVILLE QUADRANGLE
Book B 7862

12 VA.-264 N.C.

C. S. Wells

1939

NGVD 29
ElevationsLINE 6.Feet

C. S. Wells, 1939; Book B 7862

Ramble Settlement; along Pollards Mill Road; 15 ft N. and 15 ft E. of NW. end of triangle formed by rd. junction; 43 ft NW. of 36-in. oak tree in triangle; in concrete post; standard tablet stamped "TT 3 T 1936 419"

419.239

LINE 7.

C. S. Wells, 1939; Book 7862

Buffalo Springs, 0.6 mi N. of; about 700 ft E. of Buffalo Springs School; 31 ft N. and 40 ft W. of intersection of rd. tangents S. and W.; in NW. angle of forks of rd.; in concrete post; standard tablet stamped "TT 3 T 1938 399"

398.566

Buffalo Springs, 4.1 mi N. of, along Secondary State Highways 722 and 732; 1.0 mi SW. of abandoned ferry landing; at right angle bend of main rd.; 8 ft N. and 13 ft E. of centerline of crossroad (rd. N. is private rd.-rd. NE. leads to ferry); in W. corner of cultivated field; in concrete post; standard tablet stamped "TT 4 T 1938 428"

428.301

"TT 5 T 1938 RESET 1962" (Described in line 4)

399.854

Stauton River State Park; in NW. end of grassy plot at parking space; 246 ft SW. (magnetic) of SW. corner of bath house at swimming pool; in concrete post; standard tablet stamped "TT 14 T 1938 345"

344.885

Dryburg; 45 ft S. of intersection of Secondary State Roads 716 and 725; in concrete post; standard tablet stamped "TT 5 T 1936"

408.992

Reference mark; 40 ft NW. of tablet; 45 ft SW. and 20 ft NW. of intersection of Secondary State Roads 716 and 725; on SW. corner of platform of well; chiseled square

410.40

LINE 8.

C. S. Wells, 1939; Book B 7862

"M 30 1932 325.117" (NGS)

325.190

U.E., Clarksville, 3.2 mi N. of, along State Highway 49; 570 ft S. of private rd. E.; 18 ft W. of centerline of rd.; on top of ledge of outcrop; chiseled square

361.67

Clarksville, 4.9 mi N. of, along State Highway 49; 250 ft N. and 18 ft W. of centerline of Highway 49 at junction of Secondary State Road 609; in large stone outcrop; standard tablet stamped "2 W 1939 336" (Reported destroyed, 1957)

336.130

U.E., Clarksville, 7.2 mi N. of, along State Highway 49; 75 ft S. and 17 ft E. of centerline of Highway 49 at junction of Secondary State Road 698; on top of concrete headwall over drain; chiseled square

424.12

CLARKSVILLE QUADRANGLE

12 VA.-264 N.C.

NGVD 29
ElevationsLINE 8 (Cont'd.)Feet

Clarksville, 7.6 mi N. of, along State Highway 49; in N. end of W. headwall over creek; standard tablet stamped "3W 1939 RESET 1958"	374.919
Reference mark; 35 ft E. of tablet; on S. end of E. headwall over creek; chiseled square	373.85
U.E., Clarksville, 8.7 mi N. of, along State Highway 49; on E. end of N. abutment of hw bridge over Little Bluestone Creek; chiseled square	335.10

LINE 9.

E. O. Miner, 1950; Book AV 204

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

LINE 10.

J. W. McLaughlin, 1953; Book AV 340

Clover, 6.5 mi S. of, along Secondary State Roads 716 and 719; 40 ft NE. of centerline of woods rd. SW.; 7 ft NE. of 10-in. oak tree; in concrete post; standard tablet stamped "22 JMM 1953 439"	438.353
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LINE 11.

R. L. Meador, 1967; Book AV 1484

1 1 0.00	Soudan, along Southern Railway; about 125 ft W. of SW. switch of siding; near SE. corner of yard of J. G. Taylor; on iron post projecting 0.5 ft above ground; standard cap stamped "311.896 1905"	311.971
1 1 1.10	Soudan, 1.1 mi SW. of, along Secondary State Road 822; 47 ft NW. and 47 ft SW. of, and 3.0 ft higher than centerline of Road 822 at junction of Secondary State Road 721 W.; 0.5 ft E. of metal witness post; in concrete post projecting 0.5 ft above ground; standard tablet stamped "44 MEA 1967 350"	350.130
1 2 1.88	Soudan, 1.9 mi SW. of, along Secondary State Road 822; 47 ft S. and 30 ft W. of, and 3.0 ft higher than centerline of Road 822 at junction of I-rd. E.; 75 ft S. of Virginia-North Carolina State line; 2 ft NE. of fence corner; 0.5 ft E. of metal witness post; in concrete post; standard tablet stamped "45 MEA 1967 349"	349.316
1 3 2.76	Bullock; 2.2 mi N. of crossroad, along U. S. Highway 15; 31 ft N. and 99 ft E. of, and 4.0 ft higher than centerline of Highway 15 at junction of I-rd. E.; 23 ft E. of centerline of RR. track; 0.5 ft S. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "46 MEA 1967 341"	341.294

CLARKSVILLE QUADRANGLE

12 VA.-264 N.C.

NGVD 29
Elevations

LINE 11 (Cont'd.)

Feet

1	5	4.04	Bullock; 1.3 mi N. of crossroad, along U. S. Highway 15; 35 ft N. and 46 ft W. of, and about level with centerline of Highway 15 at junction of field rd. W.; 2 ft E. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "47 MEA 1967 414"	414.241
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1.4 MI. SOUTH OF SR 1501

GOOD - 1983

LINE 12.

R. L. Meador, 1967; Book AV 1484

1	21	0.00	"W 450 1966" (NGS)	401.800
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1	21	0.33	Virgilina, 1.8 mi NE. of, along State Highway 49; 18 ft S. and 45 ft W. of E. tip of grass in angle formed by junction of Highway 49 and dirt rd. S.; 31 ft S. of centerline of Highway 49; 25 ft N. of centerline of dirt rd.; 31 ft W. of 30-in. white oak tree; in concrete post; standard tablet stamped "TT 4 CWH 1951 423"	423.165
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1	22	0.88	Virgilina, 1.5 mi E. of, along State Highway 49, thence 0.3 mi SE. along old Highway 49, thence 0.7 mi S. along County Road 1400; 108 ft NW. and 34 ft NE. of, and 6.0 ft higher than centerline of County Road 1400 at junction of County Road 1402 S.; 0.5 ft S. of metal witness post; in concrete post projecting 0.4 ft above ground; standard tablet stamped "56 MEA 1967 439"	438.724
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1	24	2.26	New Jonathan Church, 3.2 mi W. of, along County Road 1400; 39 ft S. and 200 ft E. of, and level with centerline of crossroad; 0.5 ft N. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "57 MEA 1967 453"	452.621
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1	26	3.79	New Jonathan Church, 1.7 mi W. of, along County Road 1400; 52 ft N. and 70 ft E. of, and level with centerline of crossroad; 0.5 ft W. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "58 MEA 1967 422"	421.867
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1	27	4.49	New Jonathan Church, 1.0 mi W. of, along County Road 1400; 31 ft NE. and 110 ft SE. of, and 3.5 ft higher than centerline of Road 1400 at junction of drive NE.; 0.5 ft S. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "59 MEA 1967 434" 1232	434.178
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1	28	5.45	Jonathan Creek Church, about 500 ft NW. of; 200 ft W. of, and across intersection from school; 40 ft NW. of intersection; 40 ft SE. of white house; in concrete monument; USED standard disk stamped "M 25 1940" 1239	412.414
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CLARKSVILLE QUADRANGLE

12 VA.-264 N.C.

NGVD 29
ElevationsLINE 12 (Cont'd.)Feet

1	29	5.97	New Jonathan Church, 0.5 mi E. of, along County Road 1400; 35 ft S. and 47 ft W. of, and 2.0 ft higher than centerline of Road 1400 at junction of County Road 1440 N.; 0.5 ft N. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "60 MEA 1967 398" 1233	398.492
1	31	7.43	New Jonathan Church, 2.0 mi E. of, along County Road 1400; 1.3 mi W. of Grassy Creek Church; 38 ft S. and 90 ft W. of, and 1.0 ft lower than centerline of Road 1400 at junction of County Road 1439 SW.; 2 ft E. of pole; in concrete post projecting 0.2 ft above ground; standard tablet stamped "61 MEA 1967 392" 1234	392.622
1	32	8.65	Grassy Creek Church, 0.1 mi S. of; in NE. concrete abutment of 1235 bridge over Grassy Creek; standard tablet stamped "62 MEA 1967 317"	316.653
1	34	9.80	Grassy Creek Church, 0.6 mi S. of, thence 0.6 mi E. along County Road 1445; 38 ft NW. and 59 ft NE. of, and level with centerline of Road 1445 at junction of T-rd. NE.; 1.0 ft SE. of pole; in concrete post projecting 0.3 ft above ground; standard tablet stamped "63 MEA 1967 397" 1236	397.490
1	35	10.69	Bullock, 1.0 mi W. of, thence 2.1 mi NW.; 30 ft N. and 56 ft E. of, and 6.0 ft lower than center of bridge; 0.5 ft S. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "64 MEA 1967 322" 1237	321.815
1	36	11.80	Bullock, 1.0 mi W. of, thence 1.0 mi NW.; 34 ft S. and 81 ft E. of, and 2.0 ft lower than centerline of rd. at junction of woods line S.; 3 ft W. of pole; 0.5 ft N. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "65 MEA 1967 391" 1238	390.928