

THIRD-ORDER LEVELING
SEA LEVEL DATUM

25
36-076-42
SUFFOLK QUADRANGLE
4 VA.-256 N. C.
N3630-W7630/15
DIAGRAM NJ 18-10
NORFOLK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Suffolk City, Va.; Camden and
Gates County, N. C.

Only the permanent marks are
listed for lines run more
than 25 years before editi
date.

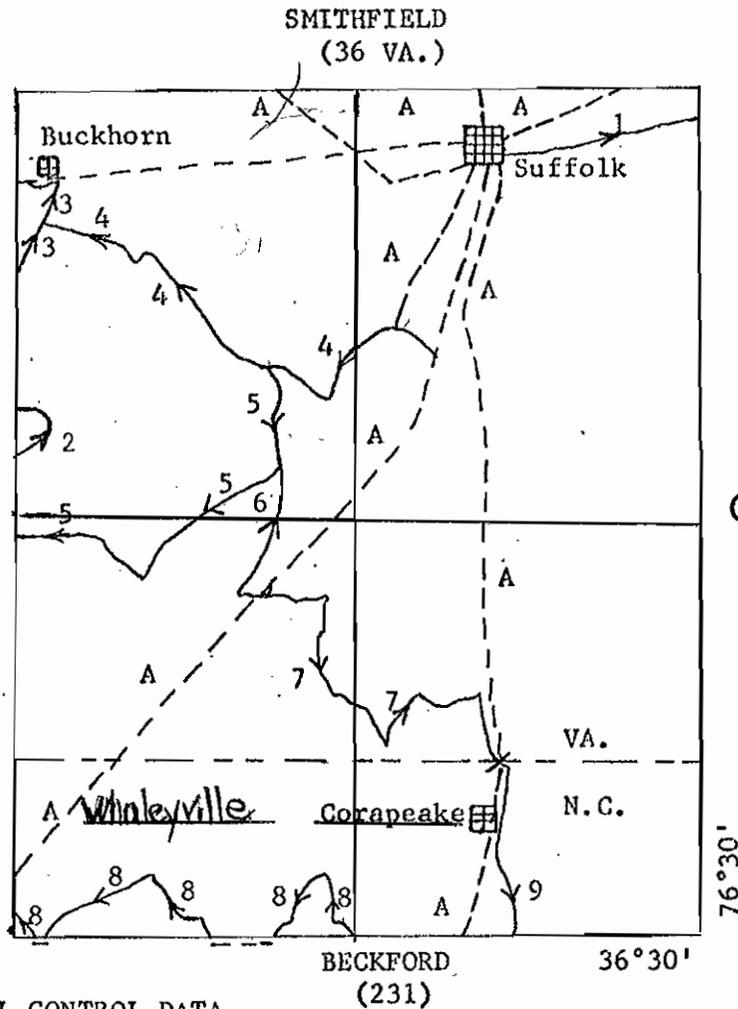
Final adjustment of 1972

Edition of 4/2/74

PR: LFB/mid

HOLLAND
(5 VA.-257 N.C.)

LAKE DRUMMOND
(3 VA.-255 N.C.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360764

INDEX OF PERMANENT MARKS

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NGVD 29
Elevations

	<u>Feet</u>
ISOLATED BENCH MARKS (By T. A. Green, 1905, Book 6950; E. E. Harris 1918, Book B85; R. B. Steele, 1918, Books B143, B256; B. B. Chamberlin, 1935, Book B6563)	
Wiggins Crossroads, 0.4 mi E. of main rd, at forks, at NW. corner of store, on N. side; on iron post; standard cap stamped "30 ADJ 1903 (Reported not found, 1953)	30.438
Boaz, 3.0 mi E. of; 500 ft E. of rd crossing, 100 ft N. of track; on S. side of residence of Ryland Pierce, in center of chimney; standard tablet stamped "72 1918" (Reported destroyed, 1954)	72.352
Kenyon, at rd crossing, 20 ft E. of rd; 40 ft S. of track, halfway between wire fence and ditch; on iron post; standard cap stamped "72 1918 PRIM TRAV STA NO 5 C 1918"	71.982
Suffolk, at SW. corner of County Clerk's office building, in line with E.-W. wall; on iron post; standard cap stamped "PRIM TRAV STA NO 5 P 31 1918" (Tied by NGS, 1932)	31.191
Suffolk, 4.2 mi W. of; 0.2 mi E. of milepost 27 at NW. corner of semaphore 267; in NW. corner of concrete foundation to iron ladder; standard tablet stamped "68 589 1918" (Reported destroyed, 1954)	68.579
Cypress Chapel, 1.9 mi NE. of post office; along State Highway 642; at grocery store of F. M. Houston (formerly Saunders store); 121 ft W. of W. corner of store; 25 ft NW. of centerline of macadam rd.; 10 ft SW. of centerline of drive; on N. side of rd.; set flush against S. side of power pole; on iron post; standard cap stamped "PRIM TRAV STA NO 2 P 1918 54" (Tied to NGS, "C 70 1935")	54.377
Corapeake, 0.8 mi S. of; 3.5 mi E. of Wiggins Crossroads; at main rd forks; W. of rd; on iron post; standard cap stamped "38 ADJ 1903 PRIM TRAV STA NO 1 P 1918" (Reported destroyed, 1954)	38.575
Nurney, on W. side of main rd crossing Atlantic Coast Line Railroad; between tracks; on iron post; standard cap stamped "PRIM TRAV STA NO 4 1918 P 67" (Reported not found, 1935)	67.190
Nurney, 2.5 mi SW. of; on W. side of track; in NE. angle of crossroads; 1 ft from telephone pole; in vitrified pipe filled with concrete; standard tablet stamped "1918 70" (Reported not found, 1935)	70.010
Whaley, 0.7 mi SW. of; 160 ft S. of railroad water tank; 20 ft S. of rd crossing and 10 ft W. of center of track; in vitrified pipe filled with concrete; standard tablet stamped "52 1918"	52.556

ISOLATED BENCH MARKS (Cont'd)

Feet

Drum Hill, 100 ft W. of railroad track; at SW corner of store of L. E. Cross; in side yard fence; on iron post; standard cap stamped "75 1918"	75.311
Manning, on S. side of track; E. side of highway; in vitrified pipe filled with concrete; standard tablet stamped "70 1918"	70.614
Lummis, 30 ft S. of track; W. of rd; at NE. corner of D.G. Wilson's yard; in vitrified pipe filled with concrete; standard tablet stamped "73 1918" (Reported not found, 1935)	73.933
Drum Hill, 3.1 mi E. of; in NE. angle of crossroads; on iron post; standard cap stamped "48 1918"	48.831
Wiggins Crossroad, in NE. angle of; at SW. corner of old store; top of old bench mark post (Believed to be on iron post; standard cap stamped "PRIM TRAV STA NO 12 1905" (Reported destroyed, 1953)	36.523

LINE 1.

By, C. A. Turner, 1939; Book B 7870

Suffolk; about 990 ft E. along Seaboard Airline Railway from station; 96 ft W. of NW. corner of S. abutment of Pinner Street overpass; 54 ft S. of south rail of main track; 48 ft NW. of NW. corner of house; about 12 ft above level of tracks; in concrete post projecting about 2 in above ground; NGS standard triangulation station disk stamped "SUFFOLK 1918 1966 B M RESET"	44.539
Suffolk, 1.0 mi E. of depot; on Norfolk and Western Railway; at overhead bridge crossing State Highway 460; 20 ft S. of S. rail of E. bound track; directly over center of State Highway 460; in S. abutment of bridge; standard tablet stamped "TT 29 T 1939"	30.373
Reference mark, 130 ft NE. of tablet; in N. headwall of concrete overpass; in concrete; iron spike.	30.16
U.E., Suffolk, 2.7 mi E. of; 9.7 mi W. of Yadkin; in NE corner of concrete base of semaphore 200; chiseled square	28.76
Suffolk, 3.9 mi E. of; 9.1 mi W. of Yadkin; on Norfolk and Western Railway; 174 ft W. of milepost 19; 6.5 ft S. of S. rail; in N. vertical face of concrete base of semaphore; standard tablet stamped "TT 28 T 1938"	26.838

NGVD 29
Elevations

LINE 1 (Cont'd)Feet

- Reference mark, opposite tablet, in SE. corner of concrete base of semaphore 193; chiseled square 28.11
- U.E. Suffolk, 4.3 mi E. of; on N. & W. RR; on NE corner of concrete base of semaphore No. 186; chiseled square 27.08

LINE 2.

By W. S. Monk, 1953; Book AV 368

- Noah Howell School; 80 ft E. of NE. corner of school; 38 ft S. of State Highway marker; 16 ft E. of centerline of State Highway 664; at Y-rd junction on iron post about 2 ft above ground; standard tablet stamped "60 1918" (Reported disturbed, 1953) 61.063
- Reference mark, 50 ft W. of tablet; 70 ft S. and 15 ft W. of Y-rd junction; in root on E. side of 14-in oak tree; copper nail and washer 61.54

LINE 3.NGVD 29
Elevations

By W. S. Monk, 1953; Book AV 368

- U. E., Buckhorn, 1.5 mi S. of; 35 ft SW. and 1 ft above junction of drive W; at residence on W. side of rd; in root on E. side of 12-in. cedar tree; copper nail and washer 76.36
- Buckhorn, 1.1 mi S. of post office; along State Highway 610; 42 ft S., 22 ft E. and 2.0 ft above junction with State Highway 647 SE.; 29 ft E. of N. corner of wire fence enclosing pasture; 3 ft NE. of wire fence; in top of triangular shaped state right-of-way marker about 1.5 ft above ground; standard tablet stamped "TT 6 RCF 1953 81" 80.976
- Reference mark, 100 ft NW. of tablet; 45 ft N. and 25 ft W. of junction of rd SE; in root on NE. side of 30 in oak tree; copper nail and washer 80.05
- Buckhorn Post Office (Purvis); 0.2 mi W. along Seaboard Air Line Railroad from station; about 0.25 mi W. of crossing of State Highway 610; 32 ft S. of S. rail of side track; 45 ft S. of S. rail of main track; 48 ft SE. of telephone pole E18; 71 ft E. of telephone pole 369; in N. edge of cultivated field; about 3 ft below level of main track; in concrete post; NGS standard azimuth mark disk stamped "PURVIS 1944" (Reported disturbed, 1960) 79.386
- Buckhorn (Purvis) about 0.75 mi W. of; along Air Line Railway from the station at Purvis (Buckhorn post office), 654 ft E. of mile post 27; 18 ft S. of south rail; 68 ft S. and across track from BM Y 9=RM Purvis; 45 ft W. of telephone pole No. E 22; 37.5 ft N. of telephone pole No. 387, 2 ft below level of track; in concrete post 4 in below level of ground; NGS standard triangulation station disk stamped "Z 9 PURVIS 1918" 80.138

LINE 4.

	<u>Feet</u>
By W. S. Monk, 1953; Book AV 368	
"B 70 1935" (NGS)	66.522
U.E., Suffolk, 4.3 mi S. of; thence 1.4 mi NW.; 80 ft S. of, and level with junction of State Highway 13 and State Highway 32; on N. end of concrete curb around triangular traffic island; chiseled square	66.15
Suffolk, 5.0 mi SW. of, along State Highway 13; 1.1 mi SW. of junction of State highway 13 and State Highway 32; 30 ft NW. of State Highway 13; 180 ft NE. and 1.0 ft lower than junction of rd N.; 7 ft W. of pole No.64-X; in concrete post; standard tablet stamped "2 WSM 72 1953"	71.818
U.E., Suffolk, 5.0 mi SW. of, thence 1.3 mi NW.; 60 ft S. and 15 ft E. of dim crossroads; in front yard of residence; in root on SW. side of 28-in maple tree; copper nail and washer	69.30
Nurneysville, 2.0 mi W. along Holland Road, thence 0.9 mi N. along Jackson Road; 18 ft NW. of Jackson Road; 12 ft SW. of dim rd NW; 120 ft NW. of SW corner of residence and level with rd junction; in concrete post; standard tablet stamped "3 WSM 68 1953"	68.398
Reference mark, 30 ft NW. and 1 ft above junction of dim rd NW., in root on NW. side of 5-in oak tree; copper nail and washer	69.20
U.E., Lummis, 2.6 mi SE. of; 30 ft S. and 240 ft W. and 3 ft above crossroads; in front yard of residence; in root on N. side of 27-in maple tree; copper nail and washer	67.48
Lummis, 0.9 mi SE of; 1.2 mi NW. of crossroads; 20 ft W. of, and level with junction of rd E.; in concrete post; standard tablet stamped "4 WSM 74 1953"	74.419
Reference mark, 0.4 mi NW. of tablet; 45 ft W. and 1 ft above rd; at powerline crossing; at NE. leg of tower 2059; 6-in above ground; on angle iron; chiseled cross	75.58
Nurneysville, 3.1 mi NW. of, thence 0.6 mi W.; 3.6 mi E. of Holland; 35 ft N. and 25 ft E. of, and 2.0 ft lower than junction of State Highway 58 and State Highway 647, in N. end of concrete headwall of culvert; standard tablet stamped "5 WSM 70 1953"	69.795
Reference mark, 4.0 ft W. of tablet, on top of Va. concrete right of way marker, chiseled square	72.41

LINE 4. (Cont'd)Feet

U.E., at drain crossing; 20 ft NE. of rd; on concrete pipe culvert; chiseled cross	61.21
"TT 6 RCF 1953 81" (Described in line 3)	80.976

LINE 5.

By, W. S. Monk, 1953; Book AV 367 a

U.E., Lummis, 2.6 mi SE. of; nail and washer (Described in line 4)	67.48
U.E., Liberty Spring Christian Church, 1.2 mi N. of; 60 ft N. and 30 ft E. of center of wooden bridge crossing drain; 3 ft lower than rd; in root on S. side of 14-in. oak tree; copper nail and washer	44.46
Nurneysville, 1.4 mi SW. of; at Liberty Spring Christian Church, 110 ft W. of junction of State Highway 13 and State Highway 664; 105 ft SW. of SW. corner of church, 28 ft N. and 100 ft E. of T-rd N.; 2 ft E. of telephone pole #C&P VA 71; in concrete post; standard tablet stamped "6 WSM 66 1953"	66.255
Reference mark; at W. entrance to Liberty Spring Christian Church on top of concrete parapet; chiseled cross	71.87
U.E., Nurneysville, 2.0 mi SW. of; 35 ft SW. of and level with junction of State Highway 13 and State Highway 668; on concrete headwall of culvert; chiseled square	56.77
U.E., Nurneysville, 2.5 mi SW. of; at drain crossing; on SE. concrete wingwall; chiseled square	47.76
Nurneysville, 3.4 mi SW. of; 35 ft N. and 32 ft W. of, and level with junction of rd N. (Jackson Road); in concrete post; standard tablet stamped "7 WSM 73 1953"	72.954
Reference mark, 160 ft E. of tablet; 21 ft N. and 130 ft E. of dim crossroads; in face on S. side of 14-in oak tree; rail spike	74.30
Nurneysville, 5.5 mi SW of, along State Highway 13 and State Highway 668; 1.5 mi NW. of Whaleyville; 20 ft NE and 60 ft SE. and 1 ft above crossroads; 30 ft SE. of R.E.A. pole #4-68; in concrete post; standard tablet stamped "8 WSM 54 1953"	53.567
Reference mark, 30 ft NW. of tablet; 30 ft NE. of crossroads; in root on NW side of 32-in. oak tree; copper nail and washer	54.16

LINE 5. (Cont'd)

Feet

Whaleyville, 2.9 mi NW. along State Highway 616 (Holland Road); 30 ft N.; 65 ft E. and level with junction of rd N.; 2 ft S. of R.E.A. pole No 4-46; in concrete post; standard tablet stamped "9 WSM 59 1953"	59.348
Reference mark, 80 ft SW. of tablet; 16 ft S. of rd N.; in face on NE. side of 14-in pine tree; rail spike	60.88
Somerton, 3.5 mi N. of; at intersection of Somerton Road and Suffolk-South Key Road; 3.3 mi NW. of Whaleyville; 30 ft N. of junction of rd. S.; on iron post; standard cap stamped "60 1918"	60.440
U.E., Whaleyville, 3.8 mi NW. of; 15 ft N. 70 ft E. of; and 2 ft lower than junction of State Highway 616 and 653 (T-rd N.); on concrete headwall of culvert; chiseled cross	37.17

LINE 6.

By W. S. Monk, 1953; Book AV 368

"D 70 1935" (NGS)

U.E., Whaley crossing, A.C.L. Rwy.; center of W. rail; chiseled cross	70.70
Whaleyville, 2.1 mi NE. of; along State Highway 13; 3.5 mi SW. of Nurneysville; 40 ft S., 35 ft E. and level with junction of State Highway 13 and State Highway 675; 1 ft W. of U.E. & P. power pole No 133; in concrete post; standard tablet stamped "10 WSM 71 1953"	71.339
Reference mark; 780 ft S. of tablet; 20 ft NE. of railroad crossing; on concrete headwall of culvert; chiseled square	74.03
U.E., chiseled square (Described in line 5)	56.77

LINE 7.

By, W. S. Monk and C. M. Nichols, 1953; Book AV 368

U.E., chiseled cross (Described in line 6)	70.70
Harrell Siding, 1.1 mi S. of; 25 ft N.; 35 ft E. and 4 ft above junction of State Highway 673 and 616 (T-rd. W.); 60 ft W. of R.E.A. pole No 5-45; in concrete post; standard tablet stamped "11 WSM 58 1953"	58.036
Reference mark; 40 ft S. of tablet; 30 ft SW. of T-rd W.; in root on SE. side of 30-in oak tree; rail spike	56.38
U.E., Harrell Siding, 3.1 mi SE. of; 45 ft NW. and 2 ft below junction of State Highway 673 and drive NE.; at drain crossing; on W. end of concrete pipe culvert; chiseled cross	65.49

NGVD 29
Elevations

LINE 7. (Cont'd)

Feet

Harrell Siding, 4.6 mi SE. of; 0.8 mi S. of Adams Swamp; 80 ft N. and 25 ft W. of; and 1 ft higher than junction of State Highways 673 and 642; 2 ft E. of metal witness post; in concrete post; standard tablet stamped "12 WSM 1953 RESET 1963"	41.380
U.E., 30 ft S. and 50 ft E. and level with junction of State Highway 642 and 678, in root on NW. side of 10-in beech tree, rail spike	38.83
U.E., 25 ft SW. and 1 ft above junction of rd N.; in face on N. side of 9-in pine, rail spike	40.66
Suffolk, 12.0 mi S. of; along State Highway 32; 1.1 mi N. of N.C.-Va. State Line; 330 ft S. and 40 ft W. of intersection of State Highway 678 and State Highway 32; at Bob's Esso service station; in N. end of concrete base for gas pumps; standard tablet stamped "TT 1 RCF 1953 58"	57.952
Reference mark; 60 ft S. of tablet; in root on E. side of 12-in oak tree; copper nail and washer	57.13
Corapeake, 1.1 mi N. along Norfolk Southern Railroad from station, at N.C.-Va. State Line; about 150 ft W. of W. rail; 20 ft E. of center of State Highway 32; set vertically in state-line marker; about 1½ ft higher than ground; standard tablet stamped "PRIM TRAV STA NO 3 P 1918" (Tied by NGS, 1935)	45.751

LINE 8.NGVD 29
Elevations

By W. S. Monk; 1953, Book AV 368

U.E., Wiggins Crossroads, 1.3 mi SE. of; 80 ft NE. and 1 ft lower than junction of Wiggins Crossroads-Sunbury Road and T-rd E. to State Highway 32; on N. end of concrete pipe culvert; chiseled square	30.54
Wiggins Crossroads, 35 ft S., 35 ft E. of and level with crossroads; 2 ft W. of power pole; in concrete post; standard tablet stamped "4 WSM 37 1953"	36.740
U. E., Wiggins Crossroads, 1.7 mi SW. of; 30 ft N.; 75 ft W. of; and 1 ft lower than junction of rd N.; in root on SE. side of 26-in pine tree; copper nail and washer	34.94

/Jogs into Beckford quadrangle/

U.E., Hazleton, 0.9 mi SE. of; 550 ft N. and 25 ft E. of drive SW. to farm residence; in root on SW. side of 26-in beech tree; copper nail and washer	40.60
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LINE 8 (Cont'd.)

Feet

U.E., Hazleton, 35 ft S. of 150 ft W. of; and level with junction of rd S. to Eason Crossroads; in root on N. side of 30-in oak tree; in front yard of residence; copper nail and washer	69.35
Hazleton, 0.5 mi W. of; on property of Mr. J. M. King; 200 ft S. of rd; 20 ft E. of drive to residence; in cultivated field; NGS standard triangulation disk stamped "VANN 1933"	71.995
Hazleton, 0.2 mi W. of; 30 ft N. of rd; in front yard of two-story residence; in concrete post; NGS standard reference mark disk stamped "VANN NO 1 1933"	70.055
U.E., Hazleton; 1.3 mi W. of; 30 ft S.; 15 ft E. of; and 1 ft above junction of drive S.; in root on NW. side of 60-in oak tree; copper nail and washer	73.89
Hazleton, 2.0 mi W. of; at Willeyton; 25 ft S. and 85 ft E. of junction of rd S. to Easons Crossroads; 55 ft NE. of NE corner of store of J. A. King; in concrete post; standard tablet stamped "7 WSM 56 1953" (Reported disturbed, 1964)	55.205
Reference mark; 40 ft SW. of tablet; in root on N. side of 16-in poplar tree; on W. side of store; copper nail and washer	56.07

LINE 9.

By, W. S. Monk, 1953; Book AV 368

"PRIM TRAV STA NO 3 P 1918" (Described in line 7)	45.751
U.E., Corapeake, 250 ft S. and 25 ft W. of junction of rd E.; on NE. end of concrete floor of general store; chiseled cross	49.01
U.E., Corapeake, 0.9 mi S. of; 70 ft NW. and 2 ft below junction of State Highway 32 and rd W. to Wiggins Crossroads; on concrete headwall; chiseled square	37.35
Corapeake, 1.2 mi S. of; at a drain crossing; 20 ft W. of N.C. Highway 32; in S. end of W. headwall of concrete culvert; standard tablet stamped "8 WSM 34 1953"	34.216
U.E., Corapeake, 2.1 mi S. of; 280 ft S.; 25 ft W. and level with T-rd E. at Holly Grove; on concrete headwall of culvert; chiseled square	41.08

NGVD 29
Elevations