

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

210

36-078-32
CREEDMOOR QUADRANGLE
210 NORTH CAROLINA
N3600-W7830/15
DIAGRAM NJ 17-12
GREENSBORO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Durham, Franklin, Granville, and
Wake Counties

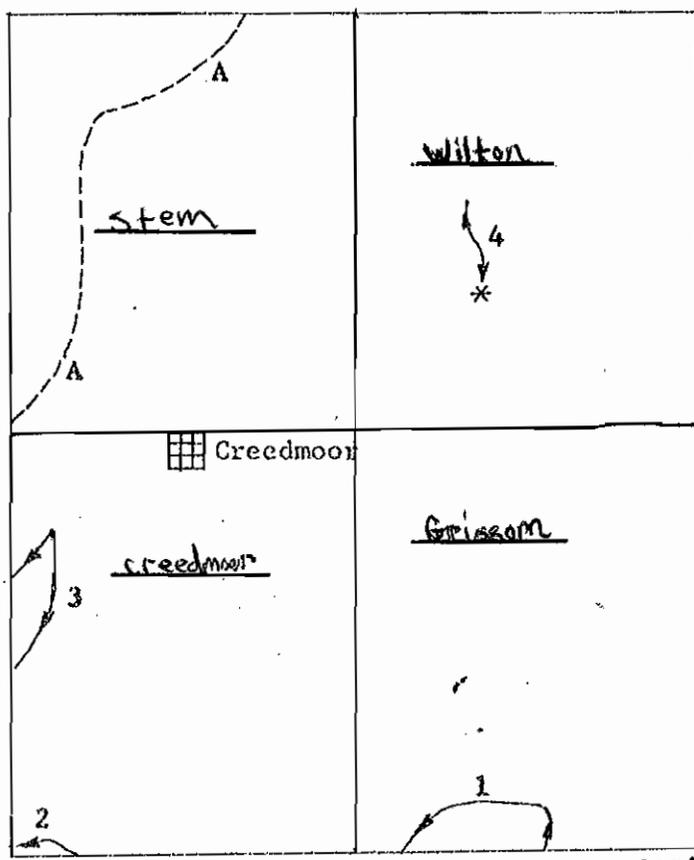
Final adjustment of 1975

Edition of 10/17/75

PR: WSM/kp

NGVD 29
Elevations

OXFORD
(239)



DURHAM NORTH
(211)

LOUISBURG
(209)

RALEIGH
(179)

S (USC&GS) VERTICAL CONTROL DATA

Quadrangle 360783
Tie to USCE

ISOLATED BENCH MARKS (By R. L. Libby, 1905; Book 5011)

Feet

Cozart; 90 ft E. of tracks; 75 ft SW. of small oak; opposite S. switch; near NW. corner of store of L. Coley; on iron post; standard cap stamped "332 "	332.306
Wilkins; 25 ft E. of track; 25 ft S. of rd.; opposite store of A. Max; on iron post; standard cap stamped "360"	359.742
Lyon; near milepost 70; 25 ft W. of tracks; 10 ft S. of rd.; opposite station; on iron post; standard cap stamped "476" <i>Reported Destroyed 5/77</i>	476.172
Stem, 3.0 mi N. of; 0.5 mi N. of milepost 65; at rd. crossing; 30 ft N. of crossing sign; 25 ft W. of Southern Railroad tracks; on iron post; standard cap stamped "434"	433.819

LINE 1.

By B. B. Chamblin, 1938; Book B7843

U.E., Wake Forest, 2.1 mi NW. of; 180 ft E. of wooden bridge over Horse Creek; 15 ft S. of centerline of rd.; on rock ledge; chiseled square	320.21
Falls, 5.2 mi N. of; 3.2 mi NW. of Wake Forest; 0.6 mi S. of Purnell Crossroads; 40 ft N. and 85 ft E. of center of junction of T-rd. E.; in concrete post; standard tablet stamped "BC 8 1938" <u>(Not found, 1974)</u>	484.901
Reference mark; 100 ft E. of tablet; 35 ft N. of center of rd.; in root on N. side of 12-in. oak tree; copper nail and washer	482.95
Wake Forest, 5.0 mi NW. of; 0.3 mi E. of Sunrise School; 35 ft E. of junction of T-rd. N. to Grissom; 20 ft S. of centerline of rd.; NGS and State Survey standard disk stamped "N-C 140" <u>(Not found, 1974)</u>	438.346
Azimuth mark, 0.4 mi E. of station; 48 ft E. of crossroads; opposite dwelling of G. T. Pleasants; on S. side of rd.; NGS and State Survey standard disk stamped "N+C 140"	484.114

LINE 2.

By B. B. Chamblin, 1938; Book B7843

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

NGVD 29
Elevations

1960

LINE 3.Feet

By D. R. Deane, 1960; Book AV 816

18 53	2.53	Northside, 0.8 mi E. of, along macadam rd., thence 1.2 mi SW.; 130 ft W. of, and 2 ft lower than centerline of crossroads; at S. corner of residence of Emmet Perry; 93 ft NW. of NE.-SW. rd.; in S. corner of pumphouse; standard tablet stamped "179 DRD 1960 354"	353.806
18 55	4.09	U.E., on SE. corner of NE. concrete wheelguard of Fishdam bridge over Neuse River; chiseled square	262.678

LINE 4.

By D. R. Deane, 1960; Book AV 816

18 63	0.00	Wilton, 2.0 mi N. of, along State Highway 96; 53 ft SW. of, and 5 ft lower than centerline of junction of T-rd. W.; in concrete post; USCE standard disk stamped "71 LPB 1943"	446.850
18 64	1.37	Wilton, 3.6 mi N. of; 8.0 mi S. of Oxford, along State Highway 96; in S. end of W. wheelguard of concrete bridge over Tar River; standard tablet stamped "180 DRD 1960 325"	324.690
18 64	1.37	Reference mark; 37 ft E. of tablet; on SE. end of approach curbing of concrete bridge; chiseled square	324.46

NGVD 29
Elevations

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Third-order leveling by B. B. Chamblin, 1938

Benchmark Book: B7843

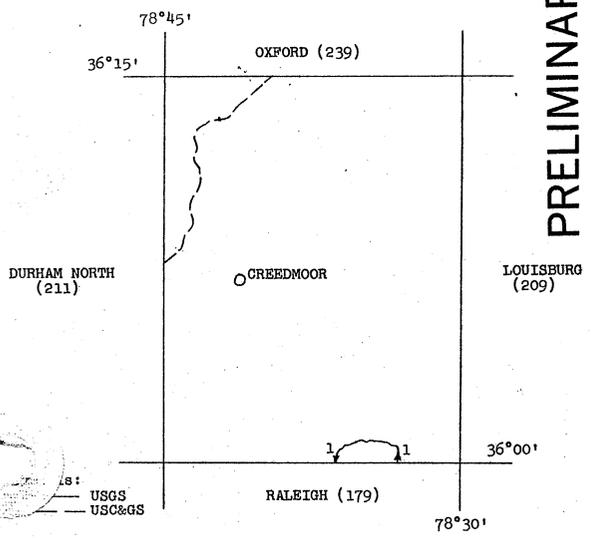
SEA LEVEL DATUM OF 1929
thru medium of SE. Supplementary Adjustment of 1936

Counties: Franklin, Granville, and Wake

INDEX OF PERMANENT MARKS

MARK (USGS)	PAGE NO.
B C 8 1938	3
<u>(LOCAL CONTROL SURVEY)</u>	
N-C 140	4
N + C 140 AZ. MK.	4

PRELIMINARY



3 CREEDMOOR N. C. B. B. Chamblin
Book B7843 9/23/59 lrm 1938

LINE 1.

FROM POINT ABOUT 1 MILE NORTHWEST OF WAKE FOREST IN RALEIGH QUADRANGLE ALONG ROAD NORTHWEST TO SUNRISE SCHOOL, THENCE SOUTHWEST TO POINT ABOUT 0.5 MILE NORTHEAST OF STONY HILL CHURCH IN RALEIGH QUADRANGLE (by B. B. Chamblin, 1938; Book B7843)

- Wake Forest, 1.6 mi NW. of; 30 ft S. and 20 ft W. of junction of T-rd. E.; 80 ft SE. of one-story frame house; in root on E. side of 30-in. oak tree; copper nail and washer, painted "TBM 407.3" 407.72
- Wake Forest, 2.1 mi NW. of; 180 ft E. of wooden bridge over Horse Creek; 15 ft S. of centerline of rd.; on rock ledge; chiseled square, painted "TBM 319.8" 320.21
- Falls, 5.2 mi N. of; 3.2 mi NW. of Wake Forest; 0.6 mi S. of Purnell Crossroads; 40 ft N. and 85 ft E. of center of junction of T-rd. E.; set in top of concrete post; standard tablet stamped "B C 8 1938"; painted "PBM 484.5" 484.901
- Reference mark; 100 ft E. of tablet; 35 ft N. of center of rd.; in root on N. side of 12-in. oak tree; copper nail and washer 482.95
- ls, 5.8 mi N. of; 110 ft N. and 25 ft E. of center of mell Crossroads; about 800 ft E. of Lowry's store; root on S. side of 42-in. oak tree; copper nail and washer, painted "TBM 472.4" 472.84

4 CREEDMOOR N. C. B. B. Chamblin
Book B7843 9/23/59 lrm 1938

LINE 1 (Cont'd.)

- Wake Forest, about 5.0 mi NW. of; 0.25 mi E. of Sunrise School; 35 ft E. of junction of T-rd. N. to Grissom; 20 ft S. of centerline of rd.; State Monument stamped "N-C 140"; painted "PBM 437.9" 438.346
- Azimuth mark, 2200 ft E. of station; 48 ft E. of crossroads, opposite dwelling of G. T. Pleasants, on S. side of rd.; azimuth tablet stamped "N + C 140"; painted "PBM 483.7" 484.114
- Sunrise School, 0.6 mi W. of; 220 ft E. of junction of T-rd. N., at W. edge of pine woods; 25 ft W. of centerline of rd.; in root on S. side of 14-in. pine tree; copper nail and washer, painted "TBM 398.2" 398.72
- Sunrise School, 1.2 mi SW. of; 0.8 mi N. of Stony Hill Church; 55 ft S. and 35 ft W. of junction of T-rd. S.; in root on E. side of 48-in. oak tree; copper nail and washer, painted "TBM 423.6" 424.10

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