

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

PUBLICATION COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

35-077-22
NEW BERN QUADRANGLE
65 NORTH CAROLINA
N3500-47700/15
DIAGRAM NO 18-1
ROCKY MOUNT

Craven and Jones Counties

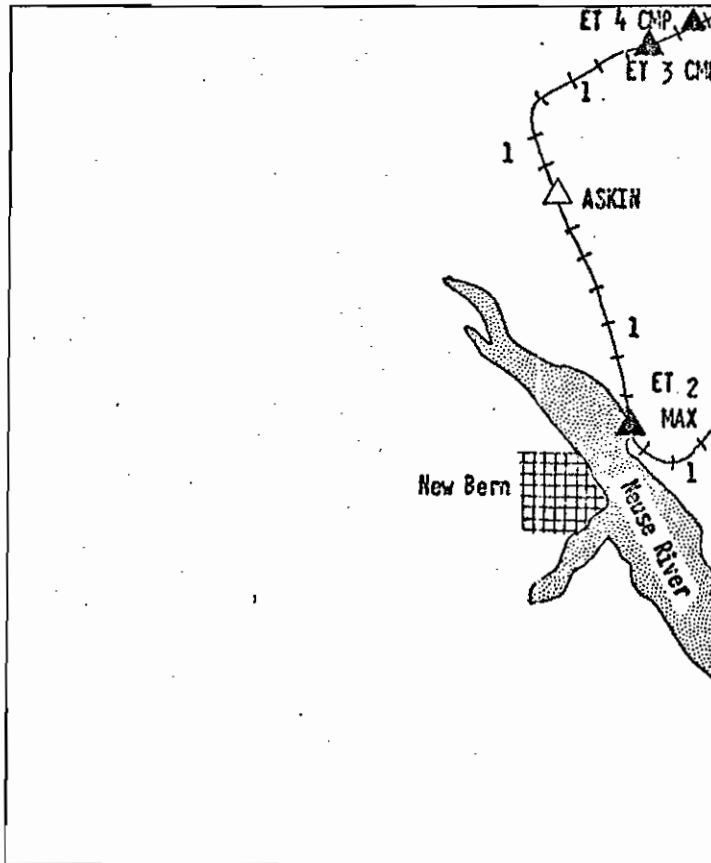
Edition of 7/31/75

PR: GWK/mc

Plane coordinates are based on Lambert
projection, North Carolina Zone

VANCEBORO
(102)

TRENT RIVER
(66)



BAYBORO
(64)

35°00'

77°00'

MAYSVILLE
(37)

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>LINE NO.</u>	<u>STATION NO.</u>
3 CMP 1964 34 ET	3	1	15
4 CMP 1964 32 ET	3	1	19A
ET 2 MAX 1964	3	1	16
<u>HGS</u>			
ASKIN 1931 ELEV 24.900 FEET	3	1	21
7.533 Q 26 1932	3	1	17A
U 110 1963	3	1	3

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NEW BERN QUADRANGLE

N3500-W7700/15
NORTH CAROLINA

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

THIRD-ORDER LEVELING

Bull. 646, Pgs. 9, 24
Recopied: 12/16/54 lrm

1912 ADJ.

FROM RIVERDALE ALONG NORFOLK SOUTHERN RAILROAD TO GOVE CREEK. *Foot*

Scott Creek trestle, 2 ft. from N. end of W. abutment; *Foot*
bronze tablet stamped "7" *DEST 12/187* 7.05

New Bern, NW. corner of Broad and Craven sts., corner stone *Foot*
at NE. corner of Craven County courthouse; bronze tablet stamped "16" 14.861

New Bern, corner of Queen and Hancock sts., top of N. rail *Foot*
of main track of Norfolk Southern Railroad at intersection with W. rail of Atlantic Coast Line 11.8

Milepost "G 5 1/2 M 41," 0.7 mi. W. of, 30 ft. S. of N. rail, *Foot*
in line with telegraph poles; iron post stamped "27" 26.521

Tuscarora, 1.1 mi. W. of, 30 ft. S. of N. rail, in line with *Foot*
telegraph poles; iron post stamped "51" 49.862

FROM NEW BERN SOUTHWEST ALONG TRENT RIVER ROAD TO OLIVERS.

New Bern, in NE. corner of county courthouse; bronze tablet *Foot*
stamped "16 Raleigh" 14.861

New Bern, U. S. Engineer Corps bench mark, end of first step *Foot*
of William Ellis's dwelling (reported as 9.392 above mean low water) 9.286

New Bern, in Government yard; 5-ft. mark on tide gage 1.62

Olivers, 5.6 mi. E. of, at county line, 120 ft. from rd. *Foot*
forks on left of Trent River rd., 21 ft. from center, 50 ft. E. of S. front of Gus White's store; iron post stamped "34 Raleigh" 32.995

ABST 4 MI SE OF TRENTON

*FRANK S. TOLLEN
12/16/54
LRS*

65

NEW BERN QUADRANGLE
Bull. 646, pgs. 9, 24 (Cont'd. P. 2)
Recopied: 12/16/54 lrm

NORTH CAROLINA

1912 ADJ.

FROM NEW BERN NORTH TO ASKIN. *7.05*

Pettifords Ferry, on E. side of Neuse River, E. side of large *Foot*
cypress, on point above landing; 3 nails (driven by U. S. Engineer Burbank and reported as 2.154 ft. above mean low tide) 2.05

Askin, 2 mi. S. of, NW. corner of Cicero Gaskin's front yard, *Foot*
at junction of rds.; iron post stamped "28 Raleigh" 27.972

FROM VANCEBORO SOUTHWEST TO CHIP.

Chip, in NE. corner of W. A. Ewell's store, 200 ft. NE. of *Foot*
junction of Streets Ferry and River roads; iron post stamped "11 Raleigh" 10.572

Bk. B6579 Sea Level Datum of 1929 thr
By B. B. Chamblin, 1938 medium of SE. Supplementary
Adjustment of 1935

NEAR ASKINS (double-run line by B. B. Chamblin in 1936)

Askin, 2.0 mi. S. of, NW. corner of Cicero Gaskin's front *Foot*
yard, at junction of rds.; standard iron post with bronze cap stamped "28 Raleigh" 26.911

Askin, 2.0 mi. S., thence 0.4 mi. W. from, 16 ft. S. of *Foot*
center of rd., 40 ft. in front of old dwelling, in root on N. side of 18-in. pecan tree; copper nail and washer 27.113

Askin, about 5.0 mi. N. along Norfolk Southern Railroad *Foot*
from Bridgeton, about 60 ft. E. of center of intersection of brick rd. with U. S. Highway 17, 56 ft. W. of W. rail, set in top of concrete post; standard triangulation station disk stamped "ASKIN 193 24.990" 24.928

NGVD 29
Elevations

LINA, 1896 TO 1914.

PRECISE LEVELING.

NG.

m, Esland, Garner, Goldsboro, Kinston, Linwood, McLeans- ton, Princeton, Raleigh, Salls- gles.

A, CRAVEN, DAVIDSON, DURHAM, McBOWELL, MADISON, ORANGE,

portion of the results of a at Morehead City, N. C., outhern and the Southern n., and to Brunswick, Ga. e made during six lunar the Superintendent of the k, Ga., tide-gage readings nes between 1854 and 1898 the elevations of several from them through ed States Army.

h the tide gage at Brunswick, Ga., an closure error of this -1.057 feet. Cleveland other links of the precise e Coast and Geodetic Sur- ith respect to Morehead 351; Knoxville, Tenn., ta, Ga., -0.145; and put between Morehead and flat country.

th Carolina was run lroads of the State, e of railway in the

Morehead City to eland two Gurley le from selected of the targets drums at each g on separate imes protected equal length; a unavoidable. of arc. Four sed that those

employed for backsights, were not removed until the foresight pegs had been used. The limit of total divergence in feet was fixed at 0.42 $\sqrt{\text{distance from Morehead City in miles}}$. The backsights were read first on one set of pins and last on the other set. The leveling in this State on this line was done in 1896 and 1897 by W. Carvel Hall.

#20 BEAUFORT QUADRANGLE.

[Latitude 34° 30'-34° 45'; longitude 76° 30'-76° 45'.]

From Morehead City along Norfolk Southern R. R. to Atlantic.

Morehead City, 8.3 feet east of station, 5.6 feet north of north rail of rail- road, 96.9 feet west of railroad company's wharf bulkhead; iron post stamped "7".....	Feet. 6.951
Morehead City, northwest corner of Eighth and Arendal streets, southeast corner of brick house owned by George Dees; bronze tablet stamped "17".....	16.951
Morehead City, in front of station; top of rail.....	12.1
Atlantic, road crossing at station; top of north rail.....	18.8

#36 Havelock BEADYS QUADRANGLE.

[Latitude 31° 15'-35'; longitude 76° 47'-77°.]

From Atlantic along Norfolk Southern R. R. to Riverdale.

Atlantic, 1.9 miles west of, 23 feet south of north rail, at southwest corner of M. D. Oglesby's freight platform; iron post stamped "18".....	18.544
Newport, in front of station; top of north rail.....	18.8
Newport, 2.3 miles west of, 25 feet south of north rail in line with telegraph poles; iron post stamped "29".....	28.131
Havelock, in front of station; top of north rail.....	23.2
Havelock, 1.7 miles west of, 26 feet south of north rail, in line with telegraph poles; iron post stamped "26".....	26.570
Croatan, in front of station; top of north rail.....	29.3
Riverdale, 5 feet north of north rail at mail catcher; iron post stamped "25".....	24.989

#65 NEW BERN QUADRANGLE.

[Latitude 35° 45'-35° 15'; longitude 77°-77° 15'.]

From Riverdale along Norfolk Southern R. R. to Cove Creek.

Scott Creek trestle, 2 feet from north end of west abutment; bronze tablet stamped "7".....	7.076
New Bern, northwest corner of Broad and Craven streets, corner stone at northeast corner of Craven County courthouse; bronze tablet stamped "16".....	14.861
New Bern, corner of Queen and Hancock streets, top of north rail of main track of Norfolk Southern R. R. at intersection with west rail of Atlantic Coast Line.....	11.8
Milepost "G 54 M-41," 0.7 mile west of, 30 feet south of north rail, in line with telegraph poles; iron post stamped "27".....	26.521
Clark, road crossing at station; top of north rail.....	31.2
Tuscarora, road crossing at station; top of north rail.....	39.1
Tuscarora, 1.1 miles west of, 30 feet south of north rail, in line with tele- graph poles; iron post stamped "51".....	49.862