

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-076-42
BEAUFORT QUADRANGLE
NORTH CAROLINA
N3430-W7630/15
DIAGRAM NI 18-4
BEAUFORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Carteret County

Final adjustment of 1976

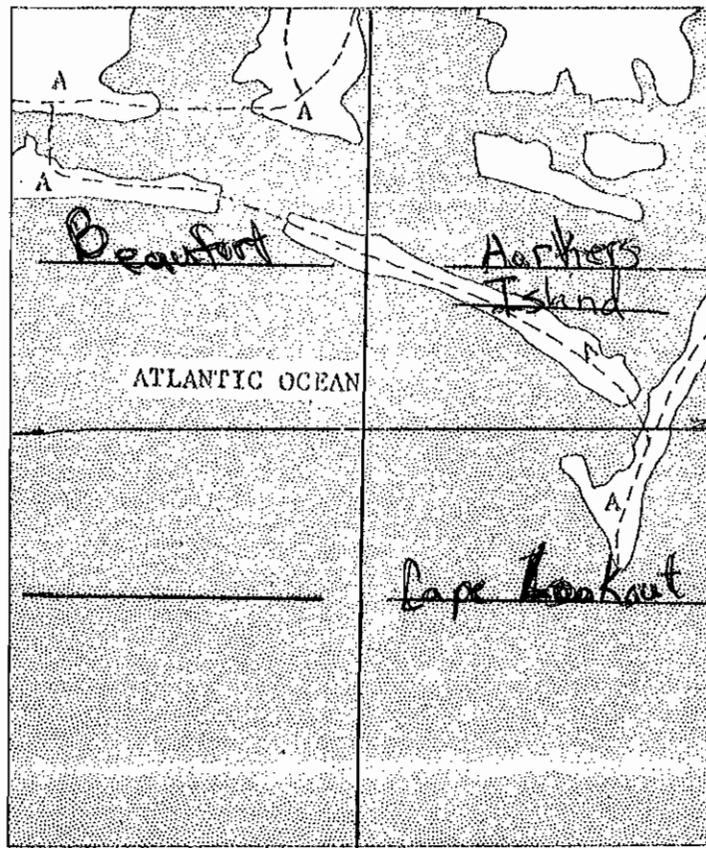
Edition of 1/29/76

PR: WSM/kp

NGVD 29
Elevations

MERRIMON
(35)

BOGUE SOUND
(21)



R
(19)

34°30'

76°30'

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 340764

INDEX OF PERMANENT MARKS

MARK (USGS)

PAGE NO.

7	3
17	3

NGVD 29
Elevations

BEAUFORT QUADRANGLE

20 NORTH CAROLINA

34-076-42

3

ISOLATED BENCH MARKS (By R. B. Marshall, 1914; Bull 646)

Feet

Morehead City; 8.3 ft E. of station; 5.5 ft N. of N. rail; 97
ft W. of RR. wharf bulkhead; on iron post; standard cap
stamped "7"

6.951

Morehead City; NW. corner of Eighth and Arendal Streets; in SE.
corner of brick house; standard tablet stamped "17"

16.951

NGVD 29
Elevations

LINE, 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,

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.

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., a, 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. s of arc. Four sed that those

#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 BEAUFORT 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