No. 538

UNITED STATES – EAST COAST
NORTH CAROLINA

NEUSE RIVER
AND UPPER PART OF BAY RIVER

SOUNDINGS IN FEET
AT MEAN LOW WATER

TIDES

There are practically no periodic tides in Neuse and Bay Rivers. Easterly winds cause high water and westerly winds cause low water. The maximum rise above normal or fall below, due to heavy gales amounts to about 2 feet at the entrance to Neuse River and 3 or 4 feet at New Bern.

ABBREVIATIONS

Lights: *F. fixed; Fl., flashing; Qk. quick; I. Qk. interrupted quick; Si. short-long; Occ. occulting; Alt. alternating; Gp. group; W. white; R. red; G. green; Vi. violet; Ylw. yellow; Ir. isovaric; Ev. evanescent; Ec. eclipse; Dy. dark; Dm. dim; Dstr. destroyed, to be reestablished; vis. visible; Ht. height; Obsc. obscured; AERO. aeronautical light. Lights are white unless otherwise indicated.*

Buoys: *C. can; N. nun; S. spar; REF. reflector; T. B. temporary buoy. Day beacons: ○, white unless otherwise indicated.*

C.G. *Coast Guard Station; R. Yr. radio tower.*

Gl. clay; Co. coral; G. gravel; Grs. grass; M. mud; Rk. rock; S. sand; Sh. shells; bk. black; br. brown; bl. blue; gn. green; gy. gray; rd. red; wh. white; yl. yellow; hrd. hard; rky. rocky; sft. soft; stk. sticky; P. D. position doubtful; E.D. existence doubtful; obstr. obstruction.

HEIGHTS *in feet above mean high water.*

AUTHORITIES

Topography and hydrography by the U.S. Coast and Geodetic Survey with additions and revisions from other sources to 1944.

1 NEW BERN TV STATION WTCI MAST
2 NEW BERN E MUNICIPAL TANK
3 NEW BERN CTT MICROWAVE MAST
4 NEW BERN CHRIST EPISCOPAL CHURCH SPIRE
5 NEW BERN US POST OFFICE DOME
6 AP A2 STA A
7 SIMMONS-NOTT AIRPORT AP STA A
8 AIRPORT BEACON SIMMONS-NOTT AIRPORT NEW BERN
9 SIMMONS
10 SIMMONS-NOTT AIRPORT ARP STA A
11 SUPPLY
12 NEW BERN N BASE
NEW BERN N BASE 2
NEW BERN N BASE 2 RM A

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY
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TRIANGULATION DIAGRAM
(Not For Navigational Purposes)
HORIZONTAL CONTROL

- Monumented Point - First Order
- Monumented Point - Second Order
- Monumented Point - Third Order
- Located Object - Third Order
- 60 — See separate index for names of numbered stations
- WASHINGTON — Station reported not recovered
- Measured Base - Electro Optical or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic or Taped

5 000 0 5 000 10 000 15 000 20 000 Feet
Nautical Miles
Yards

Information may be obtained from the Director, National Geodetic Information Center, National Ocean Survey, N.O.A.A., Rockville, Md. 20852

State plane coordinate grid shown in brown

Mercator Projection. N. A. Datum of 1927