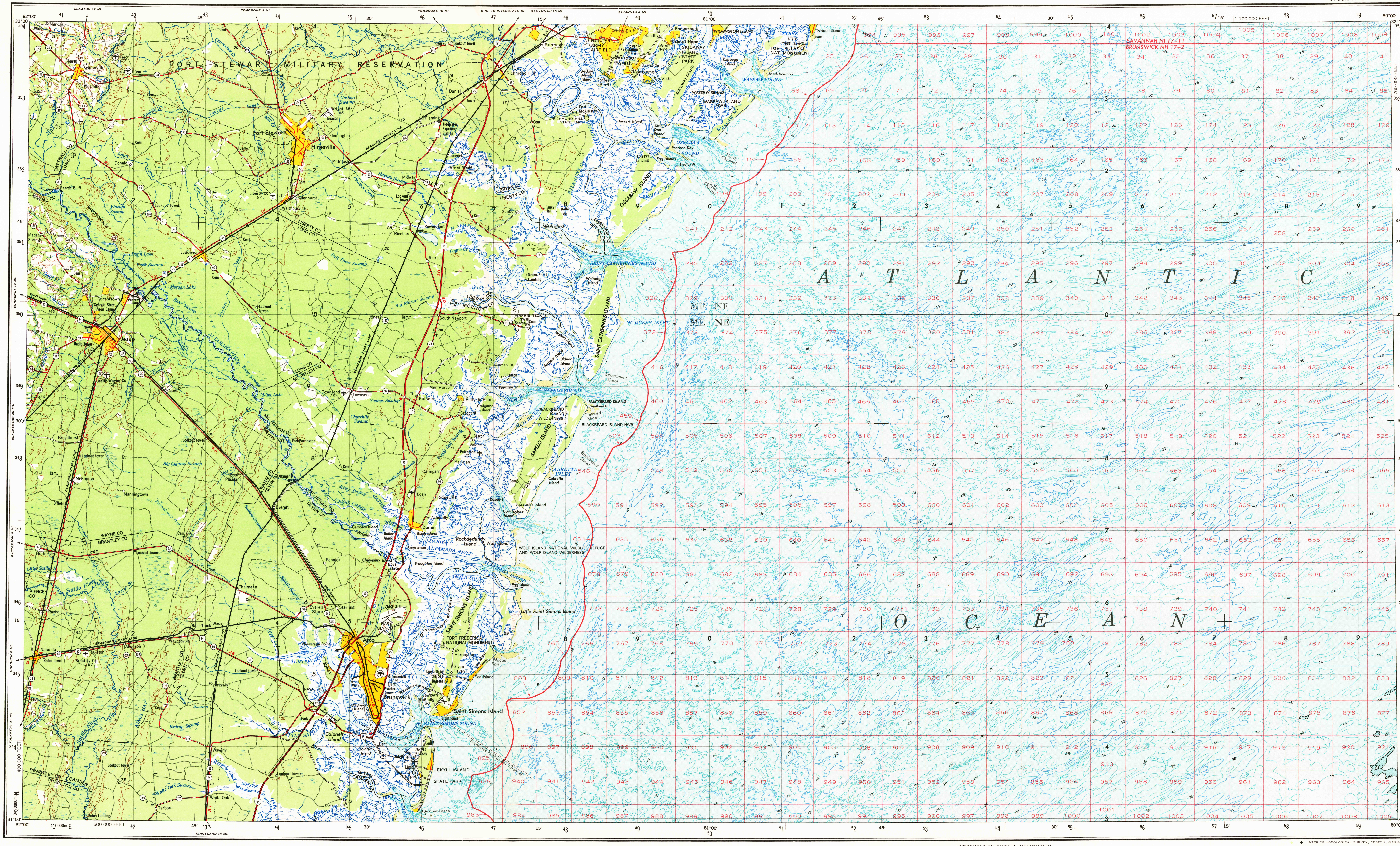
EASTERN UNITED STATES 1:250,000

BRUNSWICK

NH 17-2

TOPOGRAPHIC—BATHYMETRIC



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1978

MAPPED, EDITED, AND PUBLISHED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SURVEY

Original topographic map prepared by the Defense Mapping Agency Topographic Center from 1:10,000, 1:25,000, 1:50,000, and 1:62,500-scale maps dated 1917–1955. Photographs field annotated 1956. Planimetry revised by the U. S. Geological Survey from aerial photographs taken 1974–1976 and other source data. Map edited 1977

Bathymetry and shoreline compiled by National Ocean Survey (NOS). Bathymetry was compiled from NOS Hydrographic Surveys (see index). Bathymetric survey data comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used as of the date of the survey. Shoreline (mean high water line) was compiled from NOS tide-coordinated aerial photographs. This information is not intended for navigational purposes

Offshore protraction survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protraction Diagrams dated September 1, 1978. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to the OCS Official Protraction Diagrams available from the Bureau of Land Management

100,000-foot grid based on Georgia coordinate system, east zone

Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES
- Over 500,000 — BOSTON
- 100,000 to 500,000 — RICHMOND
- 25,000 to 100,000 — EVANSTON
- 5,000 to 25,000 — Newnan
- 1,000 to 5,000 — Bar Harbor
- Less than 1,000 — Fishkill

RAILROADS — Single track, Double or Multiple
- Normal gauge
- Narrow gauge

BOUNDARIES
- International
- State
- County
- Park or reservation

ROADS
- Primary, all-weather, hard surface
- Secondary, all-weather, hard surface
- Light-duty, all-weather, hard or improved surface
- Fair or dry weather, unimproved surface
- Trail
- Interchange

Route markers: Interstate, U.S., State

- Landplane airport
- Landing area
- Seaplane airport
- Seaplane anchorage
- Woods-brushwood
- Mine
- Power line
- Landmark: School; Church; Other
- Spot elevation in feet
- Marsh or swamp
- Approximate shoreline
- Sounding datum line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometers

0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
BATHYMETRIC CONTOUR INTERVAL 10 METERS
SUPPLEMENTED BY 2 METER INTERVALS TO MAXIMUM DEPTH
DATUM: MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 17

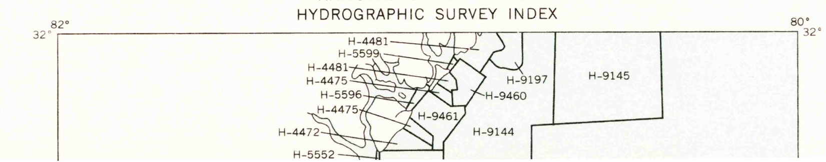
1977 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 2° (40 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 3° (60 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
OR NATIONAL OCEAN SURVEY, ROCKVILLE, MARYLAND 20852

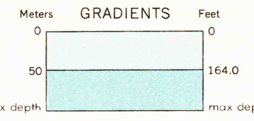
HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
[illegible]	[illegible]	[illegible]	[illegible]

NATIONAL OCEAN SURVEY
HYDROGRAPHIC SURVEY INDEX

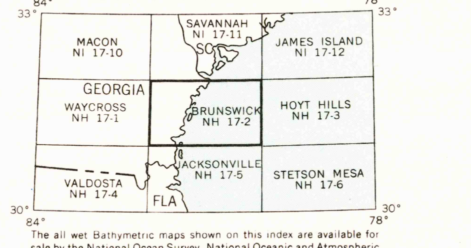


DEPTH GRADIENTS



GRID ZONE DESIGNATION: 17R	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS	
100,000 M. SQUARE IDENTIFICATION: MF NF / ME NE (350, 50)	SAMPLE POINT: TOWNSEND	
	1. Read letters identifying 100,000 meter square in which the point lies:	ME
	2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: Estimate tenths from grid line to point:	5 0
	3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: Estimate tenths from grid line to point:	8 9
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 3430000	SAMPLE REFERENCE:	ME5089
	If reporting beyond 18° in any direction, prefix Grid Zone Designation, as:	17RME5089

INDEX TO ADJOINING SHEETS



The all wet Bathymetric maps shown on this index are available for sale by the National Ocean Survey, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852.