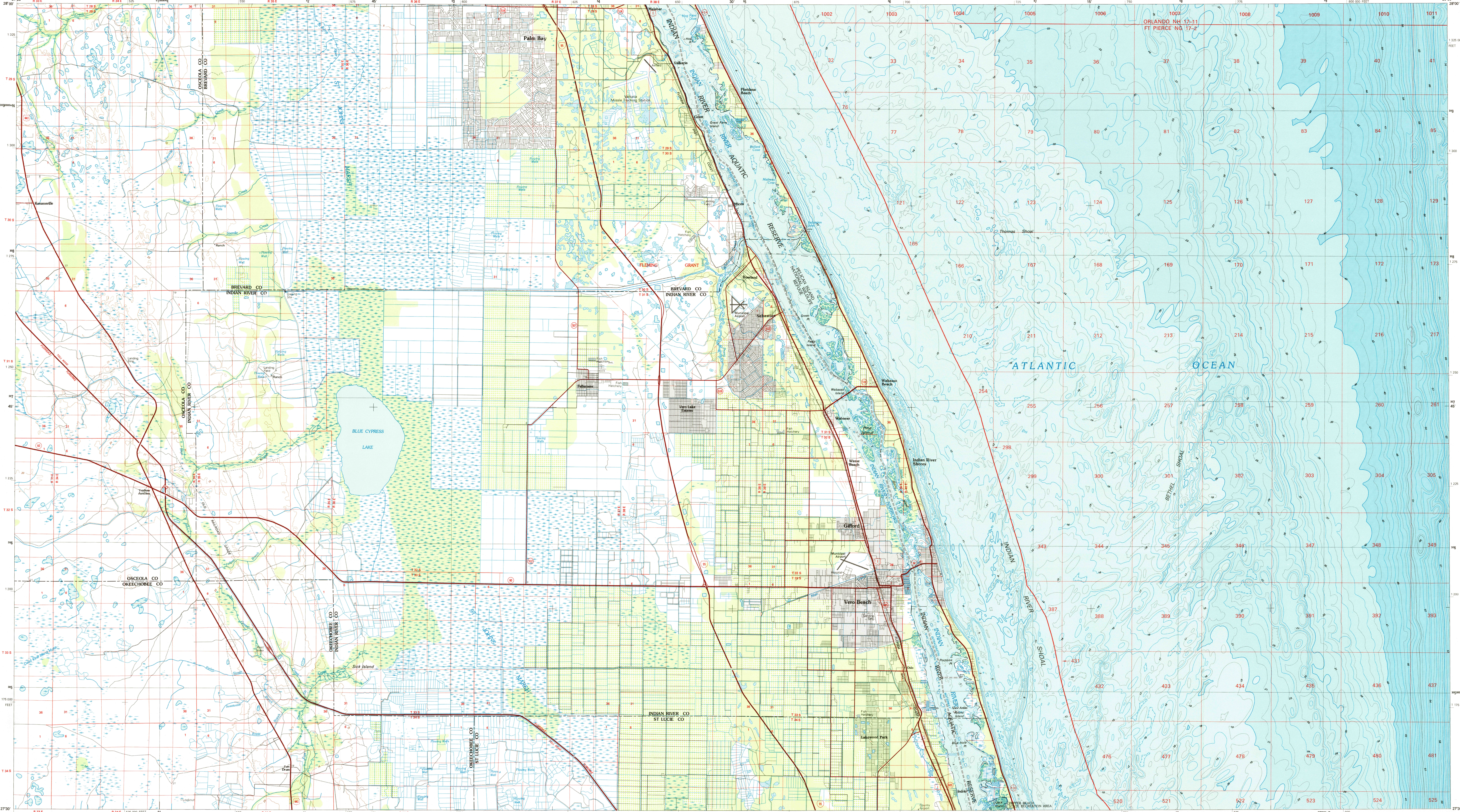
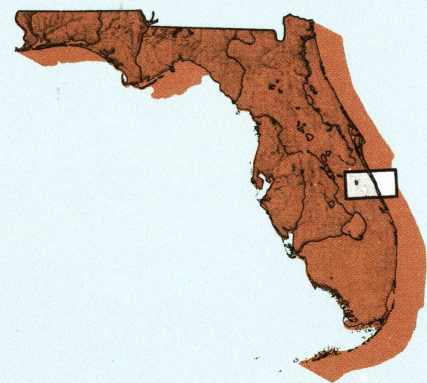




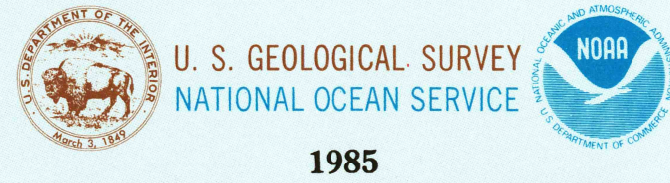
Vero Beach FLORIDA

1:100 000-scale metric
topographic-bathymetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters



Produced by the United States Geological Survey and the National Ocean Service

Compiled from 1:50,000-scale topographic maps dated 1968-1972

Planimetry derived from aerial photography taken 1977 and other source data. Recent information not field checked. Not used for navigation.

Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes.

Mean low water (dotted) line and mean high water (heavy solid) line compiled by NOAA from tide-coordinated aerial photography. Apparent shoreline (outer edge of vegetation) shown by light solid line.

Projections and 18 000-meter grid based on Florida coordinate system, not used. 25 000-foot grid based on Florida coordinate system, not used.

To place on the projected North American Datum 1983, move the projection lines 30 meters west and 22 meters north.

Oblique projection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of State Continental Shelf.

Official Protection Diagrams issued February 8, 1977. The corrections to OCS Official Protection Diagrams available from the Minerals Management Service.

There may be private buildings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL: 5 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1990

ELEVATIONS SHOWN TO THE NEAREST METER

NATIONAL GEODETIC VERTICAL DATUM OF 1990

1-METER CONTOURS NEAR LOW WATER DATUM

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLETES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLETES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEY.

2	6.5617		UTM grid convergence (GM) and 1985 magnetic declination (MN) at center of map Diagram is approximate
3	9.8425		
4	13.1234		
5	16.4042		
6	19.6850		
7	22.9658		
8	26.2467		
9	29.5275		
10	32.8084		

To convert meters to feet multiply by 3.2808	
To convert feet to meters multiply by 0.3048	

4	7
1	Kissimmee
2	Cape Canaveral
3	
4	Bartow
5	
6	Arcadia
7	Fort Pierce
8	

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

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker, Interstate, U.S. State
- Railroad, standard gauge, narrow gauge
- Bridge, overpass, underpass
- Tunnel, road, railroad
- Built-up area, locality, elevation
- Airport, landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U.S. public lands survey, range, township, section
- Range, township, section line, protected
- Power transmission line, pipeline
- Dam, dam with lock
- Cemetery, building
- Windmill, water well, spring
- Mine shaft, adit or cave, mine, quarry, gravel pit
- Campground, picnic area, U.S. location monument
- Ruin, cliff dwelling
- Distorted surface, strip mine, lava, sand
- Culture, index, intermediate, supplementary
- Bathymetric contours, index, intermediate
- Stream, lake, perennial, intermittent
- Rapids, large and small, falls, large and small
- Area to be submerged, marsh, swamp
- Land subject to controlled inundation, woodland
- Sand, mangrove
- Other: vineyard

A pamphlet describing topographic maps is available on request

RETURN TO:
USGS AND HISTORICAL MAP ARCHIVES

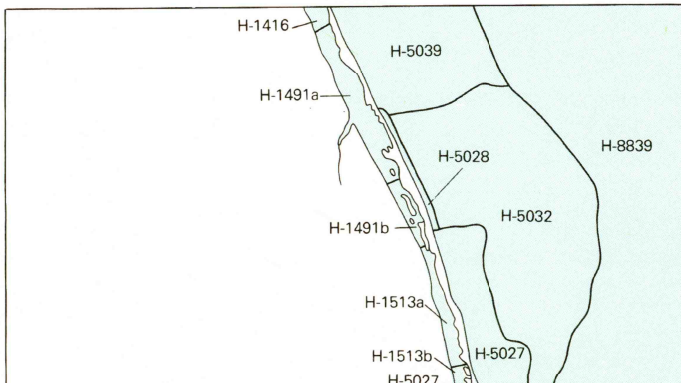
VERO BEACH, FLORIDA
27080-E1-TB-100

1985

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING NAUT. MILES
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H-1420	1981	1:25,000	05.25
H-1421	1981	1:25,000	05.25
H-1422	1981	1:25,000	05.25
H-1423	1981	1:25,000	05.25
H-1424	1981	1:25,000	05.25
H-1425	1981	1:25,000	05.25
H-1426	1981	1:25,000	05.25
H-1427	1981	1:25,000	05.25
H-1428	1981	1:25,000	05.25
H-1429	1981	1:25,000	05.25
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H-1498	1981	1:25,000	05.25
H-1499	1981	1:25,000	05.25
H-1500	1981	1:25,000	05.25

HYDROGRAPHIC SURVEY INDEX



Photographic copies of the above and prior surveys may be obtained at the cost of reproduction by addressing the Director, NMFS, 2401 National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852