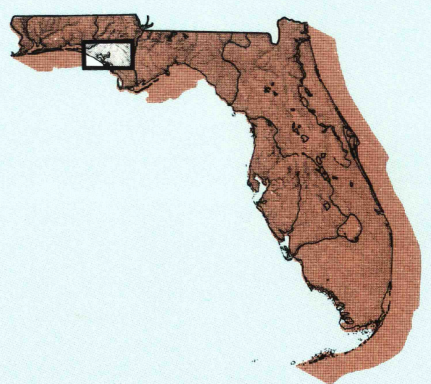




- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters



Produced by the United States Geological Survey and National Ocean Service
Compiled from USGS 1:24 000-scale topographic maps dated 1943-1956
Planimetry revised from aerial photographs taken 1975 and other source data. Rectified information not field checked. Map edited 1981.
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 NGS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line.
Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator 25 000-foot grid scale based on Florida coordinate system, north zone 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 19 meters south and 7 meters west.
Oblique projection survey data, where used, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated June 2, 1983. The protection on the map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagram available from the Minerals Management Service.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.
CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS. DATUM IS MEAN LOWER LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEY.

There may be private individuals within the boundaries of the National State or Federal Government on the map.	
CONTOUR INTERVAL 5 METERS	
NATIONAL GEOGRAPHIC VECTOR MAP OF INDONESIA	
CONTRASTING TO THE NATIONAL STATE OR FEDERAL GOVERNMENT	
1 METER CONTOURS-DATUM IS MEAN LOWER LOW WATER	
STATE OR FEDERAL GOVERNMENT	
BASE MAP COMPLETES WITH NATIONAL MAP COMPLETES WITH	
INTERNATIONAL, HYDROGRAPHIC SURVEY DATA COMPLETES WITH	
INTERNATIONAL, HYDROGRAPHIC SURVEY DATA COMPLETES WITH	
AS OF THE DATE OF THE SURVEYS	

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS					
Meters	Feet	UN		1	2	3			
1	3.2808		UN	4	5				
2	6.5615			6	7	8			
3	9.8423								
4	13.1230								
5	16.4038								
6	19.6845								
7	22.9653								
8	26.2460								
9	29.5268								
10	32.8076								
To convert meters to feet multiply by 3.2808				UTM grid convergence multiply by 0.9996					
To convert feet to meters multiply by 0.3048				UTM grid convergence multiply by 0.9996					

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
Dike, 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
Ruins; cliff dwelling
Disturbed surface: strip mine, levee, sand
Contours: 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 incursion; woodland
Scrub; mangrove
Orchard; vineyard

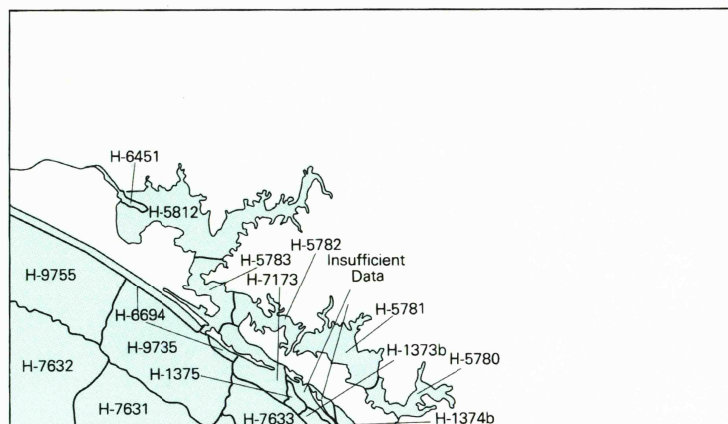
A pamphlet describing topographic maps is available on request

FEB 13 1986

REC'D FILE COPY

Exposed at low tide
Meters 0
20
DEPTH GRADIENT
0 Feet
65.6
Maximum depth

HYDROGRAPHIC SURVEY INDEX



Photographic copies of the above and prior surveys may be obtained, at the cost of reproduction, by addressing the Director, (HCS-243), National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland, 20852.

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-13736	1877	1:40,000	05-11
H-13740	1877	1:20,000	05-40
H-13741	1877	1:20,000	03-26
H-13742	1935	1:20,000	01-06
H-13743	1935	1:20,000	02-06
H-13744	1935	1:20,000	02-07
H-13745	1935	1:20,000	01-10
H-13746	1935	1:20,000	01-06
H-13747	1935	1:20,000	01-04
H-13748	1947	1:20,000	02-10
H-13749	1947	1:20,000	01-16
H-13751	1947	1:40,000	15-20
H-13752	1947	1:40,000	04-15
H-13753	1947	1:40,000	04-15
H-13755	1977-78	1:20,000	05-12
H-13755	1978	1:20,000	05-10