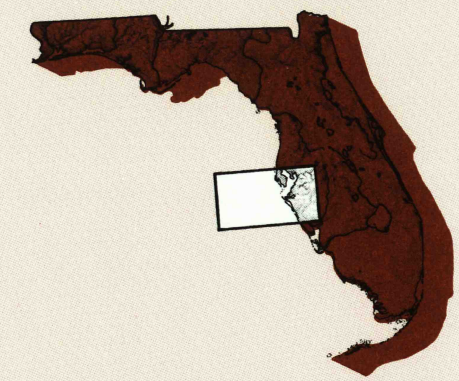


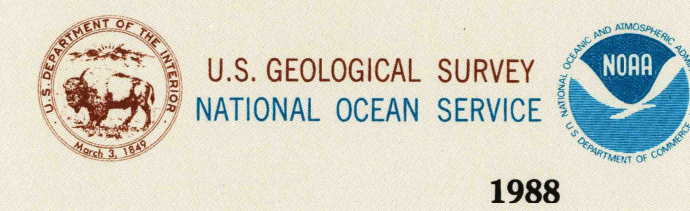
St. Petersburg FLORIDA

1:250 000-scale metric
topographic-bathymetric map



1 X 2 DEGREE 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 1:100 000-scale topographic maps dated 1979-1981
Planimetry revised from aerial photographs taken 1984 and other sources
Revised information not field checked. May edited 1988.
Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes. Mean lower low water (dotted) line and mean high water (solid) line compiled by NOS from tide-coordinated aerial photographs.
Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated June 2, 1983. The protections on this map are not for Federal leasing purposes. For such purposes, refer to OCS Official Protection Diagram available from the Minerals Management Service.
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator 100 000-foot and ticks based on Florida coordinate system, zone 17, west zone, 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 31 meters south and 15 meters west.
Location of geodetic control established by government agencies is shown on corresponding 1:250 000-scale Geodetic Control Diagram.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.
1988 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 1° 08' 30" WESTERLY FOR THE CENTER OF THE WEST EDGE TO 2° 58' 30" WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 1' WESTERLY.

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL 10 METERS
WITH SUPPLEMENTARY 2 METER CONTOURS
DATUM IS MEAN LOWER LOW WATER
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 SURVEYS

CONVERSION TABLE			
Meters	Feet	Meters	Feet
1	3.2808	10	32.8084
2	6.5617	20	65.6168
3	9.8425	30	98.4251
4	13.1234	40	131.2335
5	16.4042	50	164.0439
6	19.6850	60	196.8504
7	22.9659	70	229.6588
8	26.2467	80	262.4672
9	29.5276	90	295.2756
10	32.8084	100	328.0839

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

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852
*BATHYMETRIC MAPS FOR SALE BY NOS ONLY

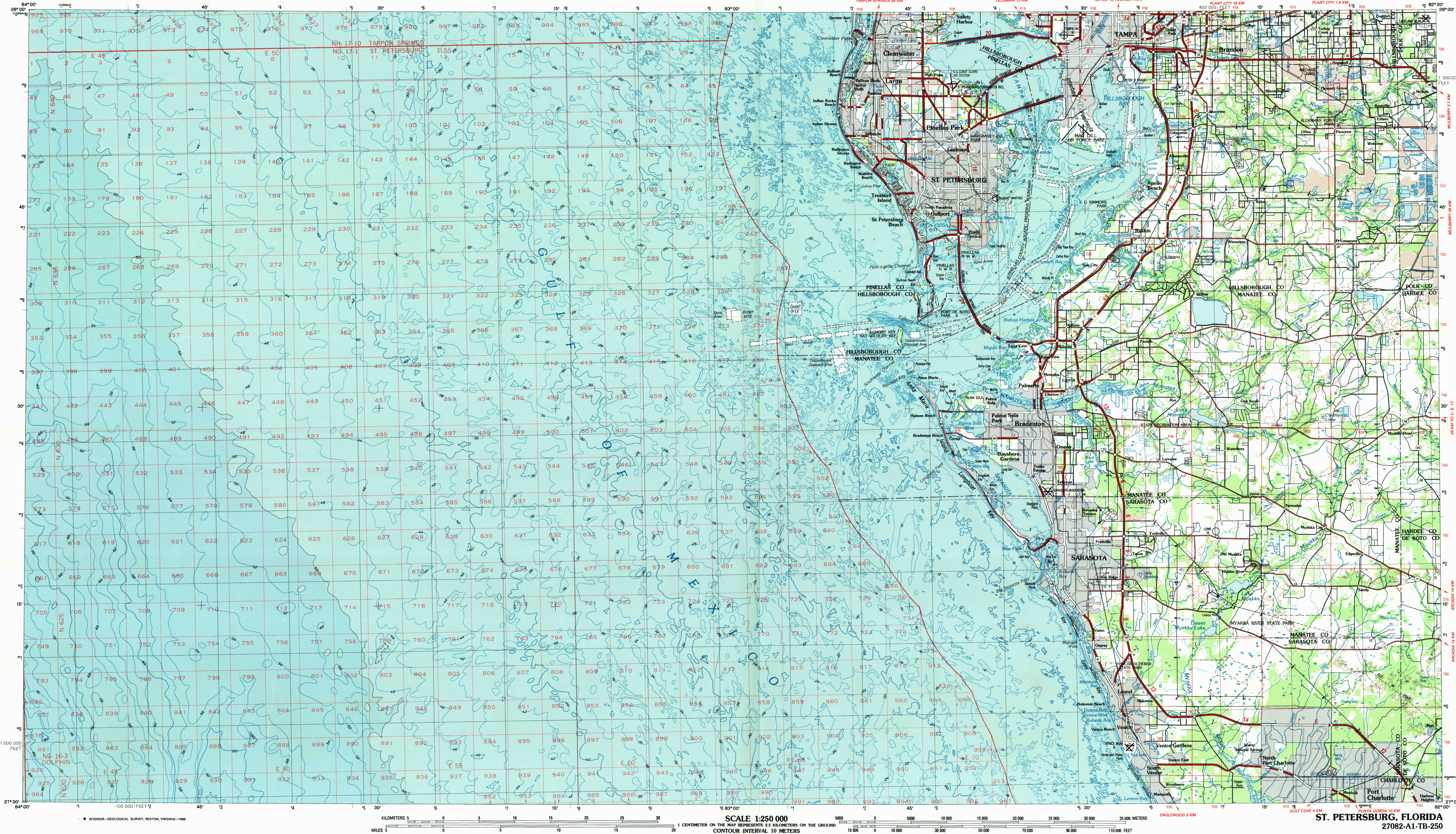
Topographic Map Symbols

Figures in red denote approximate distances in kilometers between markers

Dual highway, interchange	
Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, hard or improved surface	
Other road, trail	
Road marker, Interstate U.S. State	
Bridge, overpass, underpass	
Tunnel, road, railroad	
Railroad, standard gauge, single, multiple track	
Railroad, narrow gauge, single, multiple track	
Built-up area, locality, elevation	
Airport, runway pattern known, unknown	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U.S. public lands survey: range, township (surveyed)	
U.S. public lands survey: range, township (proposed)	
Pipeline, pipeline, sewerage, underground	
Dam, landmark feature, landmark building	
Well, water, other, spring, tank	
Cave, mine, quarry, oil platform	
Landmark area, landmark exposed	
Disrupted surface, steep slope, lava, sand	
Contours: index, intermediate, supplementary	
Bathymetric contours: index, primary	
Bathymetric contours: index, intermediate, supplementary	
Stream, lake, perennial, intermittent	
Rapids, large and small, falls, large and small	
Land subject to controlled inundation, marsh, swamp	
Woodland, orchard, vineyard	

A pamphlet describing topographic maps is available on request

ST. PETERSBURG, FLORIDA



• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

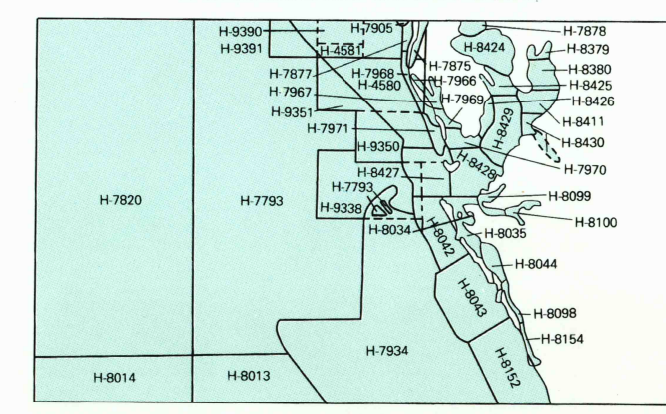
SCALE 1:250 000

1 CENTIMETER ON THE MAP REPRESENTS 2.5 KILOMETERS ON THE GROUND
CONTOUR INTERVAL 10 METERS

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)	SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-4880	1926	1:40 000	02-29	H-8004	1964	1:10 000	03-09
H-4961	1927	1:40 000	25-30	H-8008	1964-65	1:10 000	02-07
H-4981	1929	1:100 000	20-30	H-8009	1964	1:10 000	01-06
H-5020	1930	1:100 000	01-06	H-8010	1964	1:10 000	01-06
H-5021	1930	1:100 000	03-07	H-8012	1964	1:20 000	02-08
H-5022	1930	1:100 000	18-20	H-8013	1964	1:20 000	02-08
H-5023	1930	1:100 000	02-08	H-8014	1964	1:20 000	02-08
H-5024	1930	1:100 000	02-08	H-8015	1964	1:20 000	02-08
H-5025	1930	1:100 000	02-08	H-8016	1964	1:20 000	02-08
H-5026	1930	1:100 000	02-08	H-8017	1964	1:20 000	02-08
H-5027	1930	1:100 000	02-08	H-8018	1964	1:20 000	02-08
H-5028	1930	1:100 000	02-08	H-8019	1964	1:20 000	02-08
H-5029	1930	1:100 000	02-08	H-8020	1964	1:20 000	02-08
H-5030	1930	1:100 000	02-08	H-8021	1964	1:20 000	02-08
H-5031	1930	1:100 000	02-08	H-8022	1964	1:20 000	02-08
H-5032	1930	1:100 000	02-08	H-8023	1964	1:20 000	02-08
H-5033	1930	1:100 000	02-08	H-8024	1964	1:20 000	02-08
H-5034	1930	1:100 000	02-08	H-8025	1964	1:20 000	02-08
H-5035	1930	1:100 000	02-08	H-8026	1964	1:20 000	02-08
H-5036	1930	1:100 000	02-08	H-8027	1964	1:20 000	02-08
H-5037	1930	1:100 000	02-08	H-8028	1964	1:20 000	02-08
H-5038	1930	1:100 000	02-08	H-8029	1964	1:20 000	02-08
H-5039	1930	1:100 000	02-08	H-8030	1964	1:20 000	02-08
H-5040	1930	1:100 000	02-08	H-8031	1964	1:20 000	02-08
H-5041	1930	1:100 000	02-08	H-8032	1964	1:20 000	02-08
H-5042	1930	1:100 000	02-08	H-8033	1964	1:20 000	02-08
H-5043	1930	1:100 000	02-08	H-8034	1964	1:20 000	02-08
H-5044	1930	1:100 000	02-08	H-8035	1964	1:20 000	02-08
H-5045	1930	1:100 000	02-08	H-8036	1964	1:20 000	02-08

NATIONAL OCEAN SERVICE HYDROGRAPHIC SURVEY INDEX



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

DEPTH GRADIENTS

