



1:100 000-scale metric
topographic-bathymetric map of
Fernandina Beach
FLORIDA-GEORGIA 7/14/82
450-Flat
2550-Folded

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

U. S. GEOLOGICAL SURVEY
NATIONAL OCEAN SURVEY
1981

Produced by the Geological Survey and the National Ocean Survey in cooperation with State of Georgia Agencies
Compiled from USGS 1:24 000-scale topographic maps dated 1958-1978
Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1981
Bathymetry compiled by the National Ocean Survey 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 NOS from tide-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line
Projection and 10 000-meter grid, zone 17: Universal Transverse Mercator 25 000-foot grid scale based on Florida coordinate system, east zone, and Georgia coordinate system, east zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 21 meters south and 17 meters west
Oblique projection survey data shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams dated April 29, 1975 and September 1, 1978. The protection on this map are not for Federal leasing purposes, for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Bureau of Land Management
There may be private buildings within the boundaries of the National or State reservations shown on this map
CONTOUR INTERVAL 2 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST 0.3 METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS-DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
BASE MAP COMPILES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPILES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44, ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	MAGNETIC DECLINATION		1	2	3	
1	3.2808			4	5		
2	6.5616			6	7	8	
3	9.8424						
4	13.1232						
5	16.4040						
6	19.6848						
7	22.9656						
8	26.2464						
9	29.5272						
10	32.8080						
To convert meters to feet multiply by 3.2808		UTM grid convergence (60' at 100' magnetic declination (MM) at center of map. Diagram is approximate		1 Wacancy 2 Brunswick 3 Oklawaha Swamp 4 Lake City 5 Jacksonville			

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 20192
AND NATIONAL OCEAN SURVEY, 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, toll	
Route marker: Interstate, U. S., State	
Railroad: standard gage; narrow gage	
Bridge: overpass; underpass	
Tunnel: road; railroad	
Bar 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	
Rail; rail yard	
Distorted surface: strip mine; levee; sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Swamp, lake; perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request