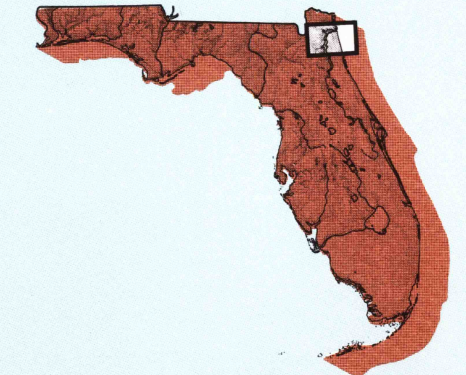


Jacksonville

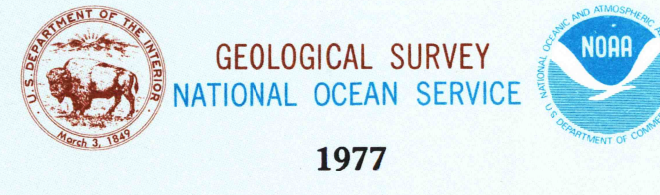
FLORIDA

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 Geological Survey and the National Ocean Service
Compiled from USGS 1:24 000-scale topographic maps dated 1966-1978
Planimetry revised from aerial photographs taken 1975-1976 and other source data. Bathymetric information not field checked. Map added 1977
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 NOS from tide-coordinated hydrographic 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 based on Florida coordinate system, east zone
1927 North American Datum
To place on the projected North American Datum 1983 move the projection lines 22 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 Diagram dated April 20, 1975. The protections 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 inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC SURVEY DATUM OF 1927
ELEVATIONS SHOWN TO THE NEAREST METER WITH SUPPLEMENTARY 1 METER CENTERS. DATUM IS MEAN LOW WATER. THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC DECLINATION 1975 25° 55' E 4° 15' W	UTM grid convergence 10° 15' E 1° 15' W Diagram is approximate	1	2	3
1	3.2808			4	5	6
2	6.5617	UTM grid convergence 10° 15' E 1° 15' W Diagram is approximate	UTM grid convergence 10° 15' E 1° 15' W Diagram is approximate	7	8	9
3	9.8425			10	11	12
4	13.1234			13	14	15
5	16.4042			16	17	18
6	19.6850			19	20	21
7	22.9658			22	23	24
8	26.2467			25	26	27
9	29.5275			28	29	30
10	32.8084			31	32	33

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 20192
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 gage, narrow gage	Bridge, overpass, underpass	Tunnel, road, railroad	Built up area, building, 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	Causeway, building	Wetland, water well, spring	Mine shaft, adit or cave, mine, quarry, gravel pit	Campground, picnic area, U. S. location monument	Ruin, cliff dwelling	Disrupted surface, strip mine, lava, sand	Contours, index, intermediate, supplementary	Bathymetric contours, index, intermediate	Marsh, lake, perennial, intermittent	Rapids, large and small, falls, large and small	Area to be submerged, marsh, swamp	Land subject to controlled inundation, woodland	Swamp, mangrove	Orchard, vineyard
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A pamphlet describing topographic maps is available on request

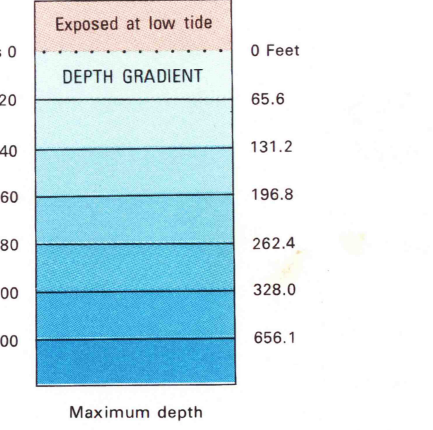
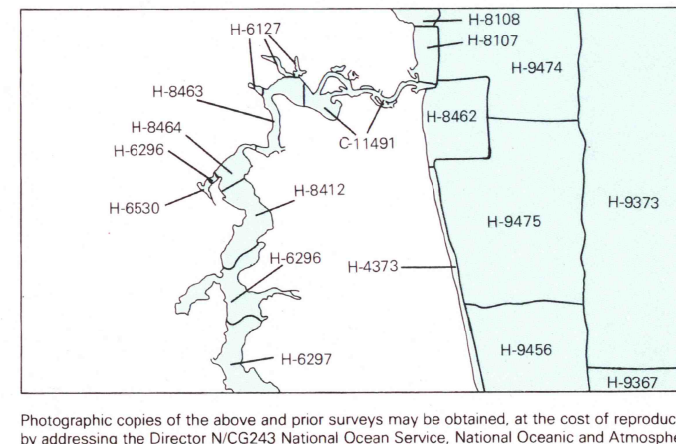
JACKSONVILLE, FLA.
30081-A1-TB-100
1977

HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING
H-4273	1904	1:20,000	08-31
H-4173	1909	1:10,000	01-08
H-4296	1935	1:20,000	02-08
H-4299	1938	1:20,000	06-10
H-4530	1939	1:10,000	01-03
H-4537	1944-45	1:10,000	01-15
H-4538	1953-55	1:10,000	02-13
H-4642	1959	1:20,000	06-22
H-4646	1959	1:20,000	06-22
H-4647	1959	1:10,000	03-11
H-4648	1960	1:10,000	02-08
H-4647	1973	1:80,000	20-50
H-4673	1973	1:80,000	20-50
H-4646	1974	1:40,000	10-18
H-4647	1974	1:40,000	09-08
H-4675	1974	1:40,000	09-10

NOS CHART 11491 1980 1:20,000

HYDROGRAPHIC SURVEY INDEX



Photographic copies of the above and other surveys may be obtained at the cost of reproduction by addressing the Director, NCEC-43 National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852