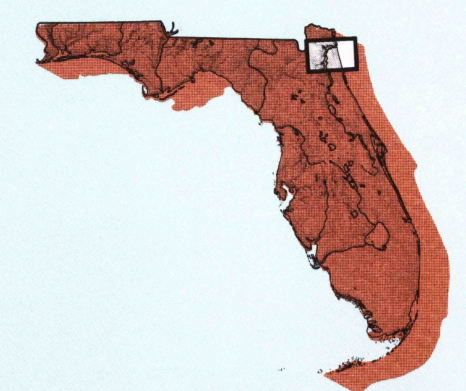


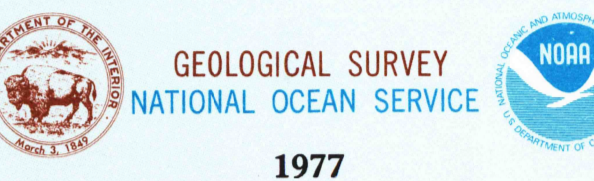
# Jacksonville FLORIDA

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



1977

Produced by the Geological Survey and the National Ocean Service  
 Contouring from USGS 1:24 000 scale topographic maps dated 1966-1978  
 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 hydrographic surveys. Apparent shoreline (outer edge of vegetation) shown by light solid line.  
 Projection and 10 000-meter grid, zone 17, Universal Transverse Mercator  
 To place on the geodetic North American Datum 1983 move the projection lines 22 meters south and 17 meters west.  
 Obsolete production 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 29, 1975. The projections 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 landholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 5 METERS  
 NATIONAL GEODETIC MEAN DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METERS  
 INTERNATIONAL CONTOUR INTERVAL 5 METERS WITH SUPPLEMENTARY 1 METER CONTOURS DATUM IS MEAN 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 84 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS.

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	M	GN	1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	
3	9.8425			6	7	
4	13.1234			8	8	
5	16.4042					
6	19.6850					
7	22.9659					
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

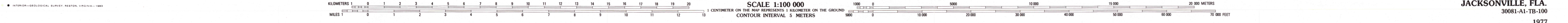
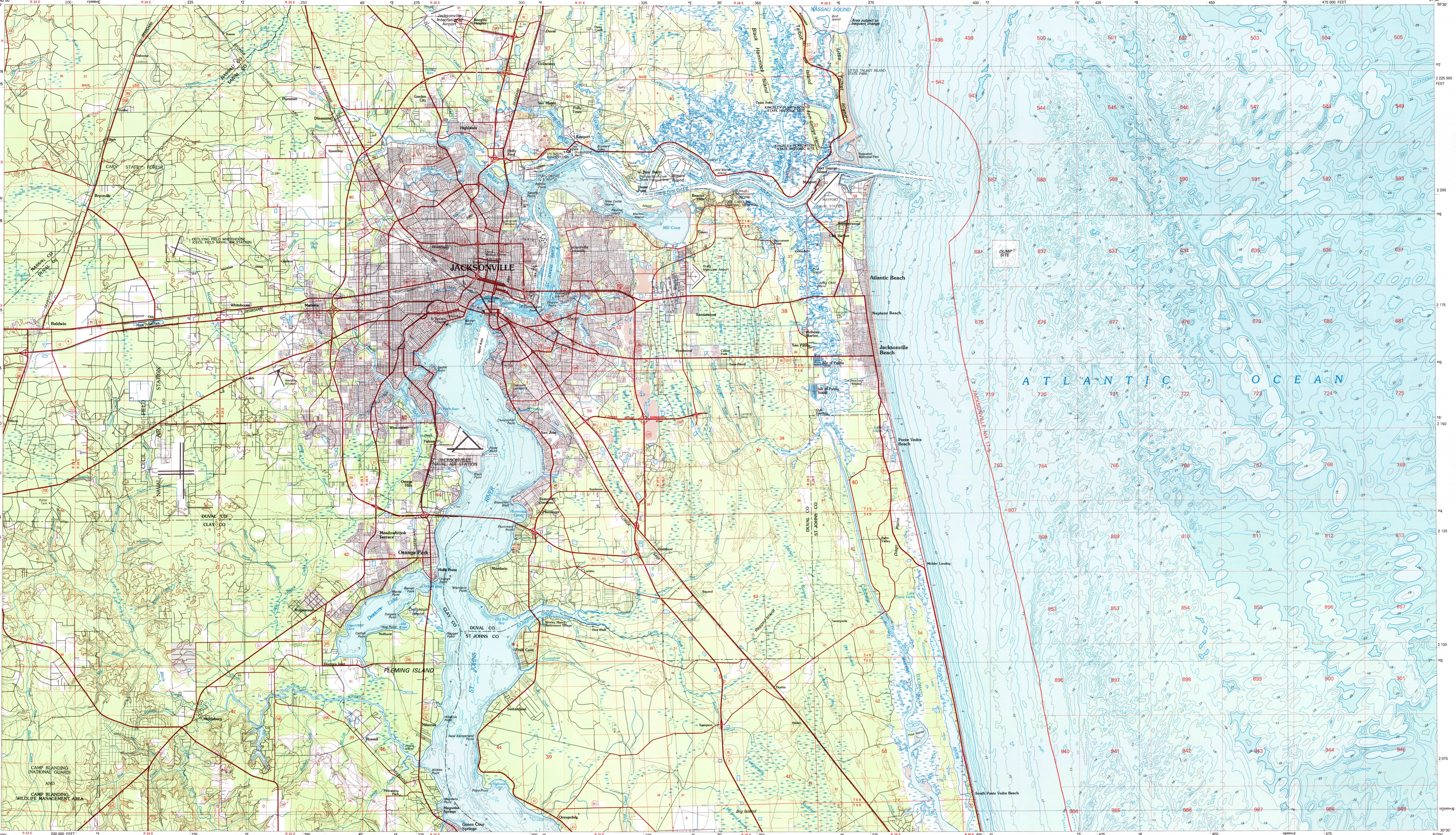
UTM grid convergence (GN) is 10.5 METERS WITH SUPPLEMENTARY 1 METER CONTOURS DATUM IS MEAN LOW WATER  
 To convert feet to meters multiply by 0.3048  
 Diagram is approximate

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, turf
- Road marker: Interstate, U. S. State
- Railroad: standard gage, narrow gage
- Bridge, overpass, underpass
- Tunnel: road, railroad
- Bank up area: location, 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 boundary: section line, protected
- Power transmission line: pipeline
- Dam; dam with lock
- Causeway, building
- Wooden, water well, spring
- Mine shaft: adit or cave, mine, quarry, gravel pit
- Range: oil derrick
- Disturbed surface: strip mine, lava, sand
- Contours: index, intermediate, supplementary
- Bathymetric contours: index, intermediate
- Stream, lake, perennial, intermittent
- Reefs, large and small; bars, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Swamp, mangrove
- Drifted, vineyard

A pamphlet describing topographic maps is available on request

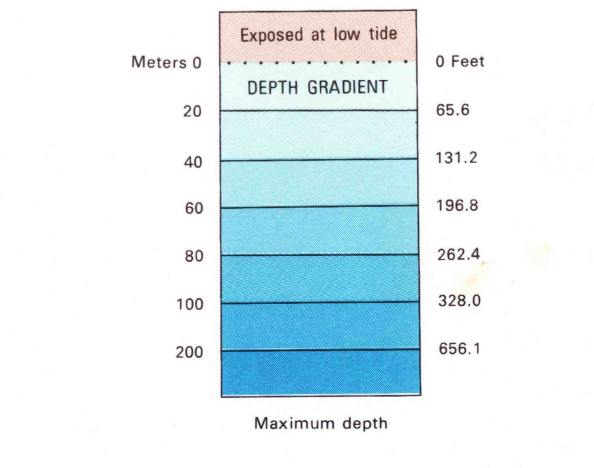
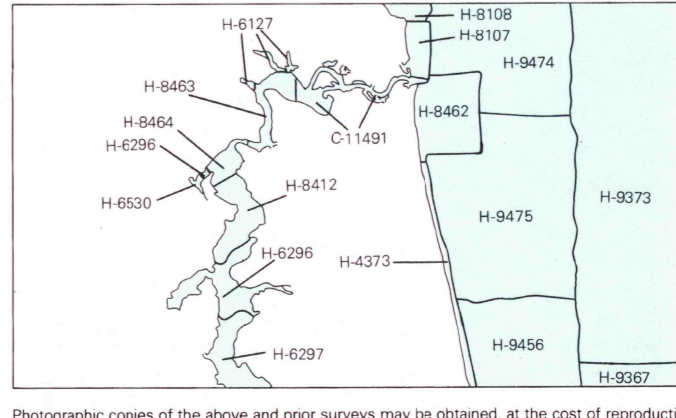


JACKSONVILLE, FLA.  
 30081-A1-TB-100  
 1977

### HYDROGRAPHIC SURVEY INFORMATION

SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (MILES)
H-4373	1904	1:20,000	08-31
H-4112	1904	1:10,000	01-08
H-6290	1905	1:20,000	02-08
H-4298	1905	1:20,000	09-10
H-6530	1909	1:5,000	01-03
H-6102	1910	1:10,000	01-15
H-6106	1910-16	1:10,000	02-13
H-6482	1909	1:20,000	02-03
H-6483	1909	1:20,000	02-09
H-6484	1909	1:10,000	02-11
H-6485	1909	1:10,000	02-08
H-6487	1913	1:40,000	20-50
H-6273	1913	1:60,000	20-50
H-6486	1914	1:40,000	03-10
H-6474	1914	1:40,000	03-10
H-6475	1914	1:40,000	03-10

### 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