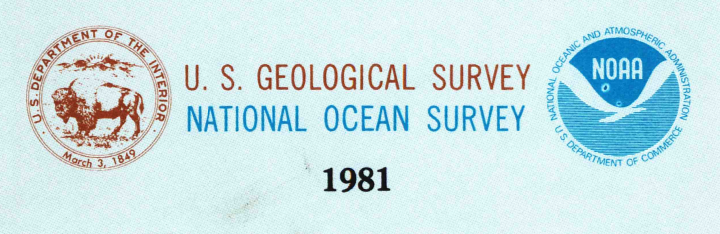


30 X 60 MINUTE QUADRANGLE SHOWING

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



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 1968-1978
 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 ticks based on Florida coordinate system, east zone, and Georgia coordinate system, east zone. 1927 North American Datum
 To place on the projected North American Datum 1983 use 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 landholdings 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 0.5 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	M	N	1	2	3		
1	3.2808		731' 44" (MILES) 0710' 44" (STAT. MILES)	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
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GM) per 100 meters: declination (M) 11' center of map. Diagram is approximate

ADJOINING MAPS:
 1 Waverock
 2 Ocala
 3 Ocala-Orange Swamp
 4 Lake City
 5 Lake City
 6 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
- Open road or street, soil
- Route marker: Interstate, U. S. State
- Railroad: standard gage; narrow gage
- Bridge: overpass; underpass
- Tunnel: road; railroad
- Bank 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: protruded
- Power transmission line: pipeline
- Open 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
- Bank; cliff; faulting; elevation
- Distorted surface: strip mine; levee; sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Swamp, lake; perennial; intermittent
- Reeds; large and small; lily; large and small
- Area to be submerged; marsh; swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Other: vineyard

A pamphlet describing topographic maps is available on request

