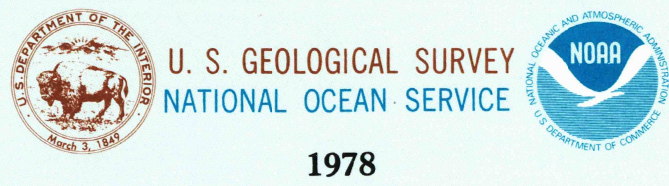


**30 X 60 MINUTE QUADRANGLE
SHOWING**

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



Produced by the United States Geological Survey
and National Ocean Service

Compiled from USGS 1:24 000-scale topographic maps dated 1954-1955
Planimetry revised from aerial photographs taken 1977 and other source
data. Revised information not field checked. Map edited 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 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, north and
west zones
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection
line 24 meters south and 12 meters west.

Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protraction Diagram dated June 2, 1983. The protractions on this map are not for Federal leasing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protraction Diagrams available from the Minerals Management Service.

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY
1 METER CONTOURS—DATUM IS MEAN LOWER 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 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS.

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			4	5	6
2	6.5617			7	8	9
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5276					
10	32.8084					

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
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, soil | |
| Route marker: Interstate, U. S. State | |
| Railroad: standard gage, narrow gage | |
| Bridge: overpass, underpass | |
| Tunnel: road, railroad | |
| Built 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: range, townships, section | |
| Range, township, section line, protracted | |
| Power transmission line, pipeline | |
| Dam, dike with lock | |
| Cemetery: building | |
| Windmill; water wheel; spring | |
| Mine shaft; adit or cave; mine, quarry; gravel pit | |
| Monument, historical place, U. S. National monument | |
| Ruin, old dwelling | |
| Disturbed surface: strip mine, lava, sand | |
| Contours: index; intermediate; supplementary | |
| Bathymetric contours: index, intermediate | |
| Stream: lake, perennial, intermittent | |
| Rapids, large and small; falls, large and small | |
| Area to be submerged; marsh, swamp | |
| Land subject to controlled inundation, woodland | |
| Seab, navigable | |
| Swamp, vineyard | |

A pamphlet describing topographic maps is available on request.