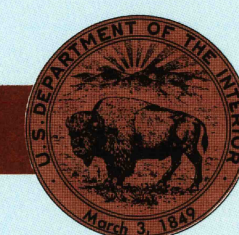


30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1983

Produced by the United States Geological Survey
Compiled from USGS 1:250 000-scale topographic maps dated 1942-1973. Planimetry revised from aerial photographs taken 1960 and other source data. Revised information not field checked. Map edited 1983.
Projection and 10 000-meter grid, zone 18. Universal Transverse Mercator. 25 000-foot grid ticks based on Maryland coordinate system, and Delaware coordinate system.
1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection line 8 meters south and 31 meters west.
Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Heavy lines indicate limits of Outer Continental Shelf Official Protection Diagram dated October 31, 1974. The protection on this map are not for Federal landing purposes; for such purposes, refer to the 1:250 000-scale OCS Official Protection Diagrams available from the Minerals Management Service.
There may be private inholdings within the boundaries of the National or State Reservations shown on this map.

CONTOUR INTERVAL: 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.281		1	2	3
2	6.562		4	5	6
3	9.843		7	8	9
4	13.124		10	11	12
5	16.405		13	14	15
6	19.686		16	17	18
7	22.967		19	20	21
8	26.248		22	23	24
9	29.529		25	26	27
10	32.810		28	29	30
To convert meters to feet multiply by 3.281		UTM grid convergence (NAD 83) magnetic declination (MAG) at center of map Diagram is approximate			
To convert feet to meters multiply by 0.3048					

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RESTON, VIRGINIA 22092

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 gauge, narrow gauge	
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 survey: range, township, section	
Range, township, section line, protracted	
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	
Ruin, old dwelling	
Distorted 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	
Scrub, mangrove	
Orchard, vineyard	

A pamphlet describing topographic maps is available on request

