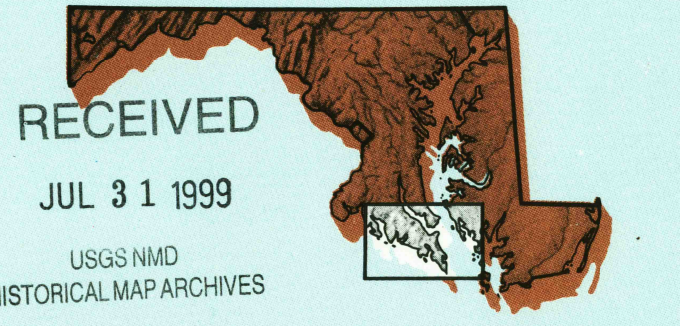


# Leonardtowntown

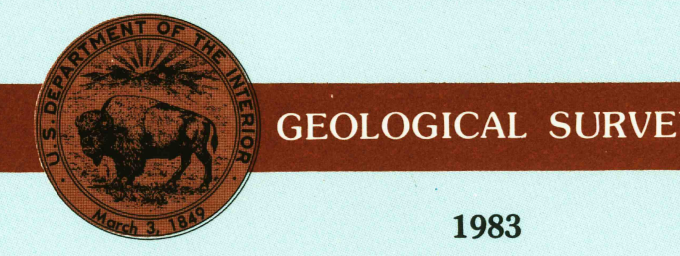
MARYLAND – VIRGINIA

1:100 000-scale metric  
topographic map



30 X 60 MINUTE QUADRANGLE  
SHOWING

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



Produced by the United States Geological Survey  
Compiled from USGS 1:24 000-scale topographic maps dated 1943–1982. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked.  
Map edited 1983.  
Projection and 10 600-meter grid, zone 18, Universal Transverse Mercator. 25 000-foot grid ticks based on Maryland coordinate system, and Virginia coordinate system, north and south zones 1927 North American Datum.  
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 28 meters west.  
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 10 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY  
P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		4	5		
2	6.5616					
3	9.8424					
4	13.1232					
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and (GS) magnetic declination (MD) at center of map. Diagram is approximate.	1	2	3	
To convert feet to meters multiply by 0.3048			4	5	6	
			7	8		

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## 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, 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: protected
- Power transmission line: pipeline
- Dam; dam with lock
- Cemetery, building
- Well: water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, lava; sand
- Contours: index; intermediate; supplementary
- Barometric 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
- Salt; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request



## LEONARDTOWN, MARYLAND – VIRGINIA

