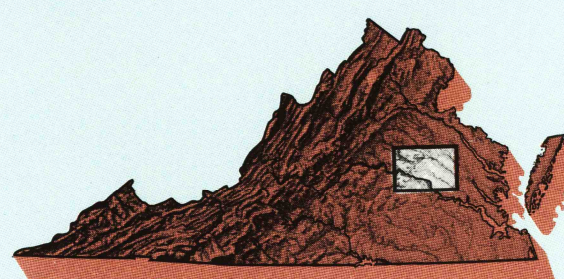




Richmond

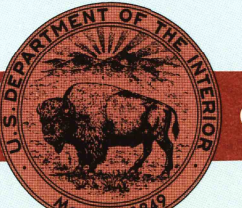
VIRGINIA

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



GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1968-1981. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1984

Projection and 10 000-meter grid, zone 18: Universal Transverse Mercator
25 000-foot grid ticks based on Virginia coordinate system, south and north zones
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 10 meters south and 26 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 COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

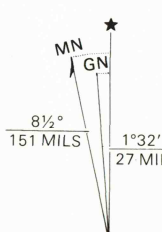
FOR SALE BY U.S. GEOLOGICAL SURVEY
P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
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

DECLINATION DIAGRAM



ADJOINING MAPS

1	2	3
4	5	6
7	8	

- 1 Charlottesville
- 2 Fredericksburg
- 3 Loudoun
- 4 Dillan
- 5 Appomattoch
- 6 Appomattox
- 7 Petersburg
- 8 Williamsburg

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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: pretracted	
Power transmission line; pipeline	
Canal; dam; well; 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	
Decorated 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	