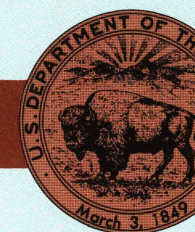




1:100 000-scale  
planimetric map

- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



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

NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

### CONVERSION TABLE

Meters	Feet
1	3.2809
2	6.5617
3	9.8425
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 3.2809

To convert feet to meters multiply by 0.3048

### DECLINATION DIAGRAM

UTM grid convergence (GN and 1984 magnetic declination (MN) at center of map  
Diagram is approximate

### ADJOINING MAPS

	1	2	3
4	4	5	
6	7	8	

- 1 Charlestonville
- 2 Fredricksburg
- 3 Leonardswan
- 4 Dilhau
- 5 Tappanhook
- 6 Appomattox
- 7 Petersburg
- 8 Williamsburg

USGS NMD HISTORICAL MAP

FOR SALE BY U. S. GEOLOGICAL SURVEY  
BOSTON, VIRGINIA 22009

MAR 14 1986

EC'D FILE COPY

## 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	
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	
Rocks off: swelling	
Distorted surface: strip mine, lake, 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

