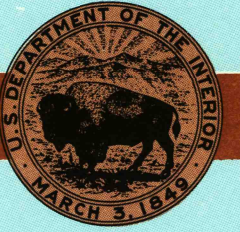


30 X 60 MINUTE QUADRANGLE  
SHOWING

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



GEOLOGICAL SURVEY

1989

Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1944-1980. Planimetry revised from aerial photographs taken 1965-86 and other source data. Revised information not field checked. Map edited 1989.  
 Projection and 10 000-meter grid zone 18  
 Universal Transverse Mercator  
 25 000-foot grid ticks based on New York coordinate system, east zone and Vermont coordinate system  
 1927 North American Datum  
 To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 34 meters west  
 There may be private inholdings within the boundaries of the National and State Reservations shown on this map

CONTOUR INTERVAL 20 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

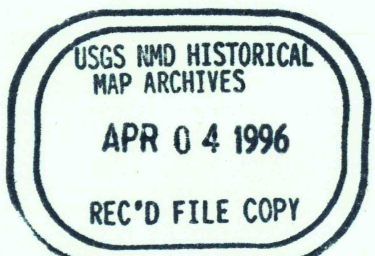
FOR SALE BY U.S. GEOLOGICAL SURVEY  
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC DECLINATION		1	2	3
1	3.2808	19°		4	5	6
2	6.5617	12 MILS		7	8	9
3	9.8425	1°		10		
4	13.1234	12 MILS				
5	16.4043	1°				
6	19.6852	12 MILS				
7	22.9661	1°				
8	26.2470	12 MILS				
9	29.5279	1°				
10	32.8088	12 MILS				

To convert meters to feet multiply by 2.2046  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map  
 Diagram is approximate

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8



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: building; 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
- Wellhead; water well; spring
- Mine shaft; ash or cove; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- Ruins; cliff dwelling
- Distorted surface: strip mine, levee, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake, reservoir; 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

