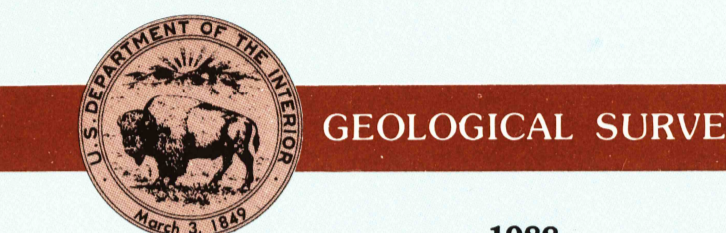


30 X 60 MINUTE QUADRANGLE SHOWING

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



1988

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1967-1983. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1988.

Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator. 25 000-foot grid ticks based on Utah coordinate system, north zone. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 11 meters north and 68 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS
 SUPPLEMENTARY 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	True	Magnetic	1	2	3
1	3.2808		1° 30' N 29 MILS	4	5	6
2	6.5617			7	8	
3	9.8425			1	2	
4	13.1234			3	4	
5	16.4042			5	6	
6	19.6850			7	8	
7	22.9659			1	2	
8	26.2467			3	4	
9	29.5275			5	6	
10	32.8084			7	8	

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (EN and 1983 magnetic declination (MM) at center of map. Diagram is approximate.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 USGS NMD HISTORICAL MAP NR RESTON, VIRGINIA 22092

SEP 22 1988
 REC'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; 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: 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; cliff 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
- Shrub; mangrove
- Orchard; vineyard

