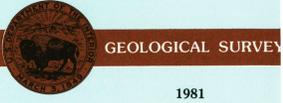




30 X 60 MINUTE QUADRANGLE SHOWING

- 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 1965-1979 and from advance materials. Partially revised from aerial photographs taken 1974-76 and other source data. Revised information not field checked. Map dated 1981.
 Projection and 10 000-meter grid, zone 12 Universal Transverse Mercator
 25 000-foot grid ticks based on Utah coordinate system, central zone, 1927 North American datum
 To place on the predicted North American Datum 1983 move the projection lines 8 meters north and 64 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
 SUPPLEMENTARY CONTOUR INTERVAL 25 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	Magnetic Declination		Map Grid	
1	3.2808			1	1
2	6.5617			2	2
3	9.8425			3	3
4	13.1234			4	4
5	16.4043			5	5
6	19.6852			6	6
7	22.9661			7	7
8	26.2470			8	8
9	29.5279			9	9
10	32.8088			10	10

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

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

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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, dirt	
Route marker: Interstate, U. S., State	
Railroad: standard gage; narrow gage	
Tunnel; overpass; underpass	
Traffic: 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	
Disrupted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake; perennial; intermittent	
Rapid, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled sandation; woodland	
Scrub; mangrove	
Orchard; vineyard	

