

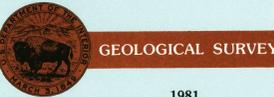


1:100 000-scale metric topographic map of Manti UTAH



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 edited 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		1	2	3
1	3.2808	0° 15' N		4	5	6
2	6.5617	0° 15' W		7	8	
3	9.8425	0° 15' E		1	2	3
4	13.1234	0° 15' S		4	5	6
5	16.4042	0° 15' W		7	8	
6	19.6850	0° 15' E		1	2	3
7	22.9658	0° 15' S		4	5	6
8	26.2467	0° 15' W		7	8	
9	29.5275	0° 15' E		1	2	3
10	32.8084	0° 15' S		4	5	6

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

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



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
- Caney; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruins: cliff dwelling
- Colorized 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
- Swamp; meadow
- Orchard; vineyard