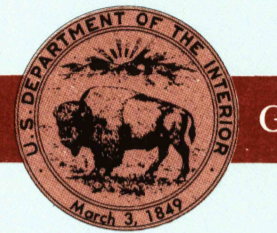


30 X 60 MINUTE QUADRANGLE SHOWING

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



GEOLOGICAL SURVEY

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.

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO, 80225

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

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 (M) diagram is approximate.



USGS NWD HISTORICAL MAP ARCHIVES

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, bad
- Route marker: Interstate, U. S. State
- Railroad: standard gage, narrow gage
- Bridge: overpass; underpass
- Tunnel: road; railroad
- Built up area, building, attention
- 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
- 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, levee, 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

SCALE 1:100 000. 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND. CONTOUR INTERVAL 20 METERS. SUPPLEMENTARY CONTOUR INTERVAL 5 METERS.

NEWFOUNDLAND MOUNTAINS, UTAH 41113-A1-TM-100 1988