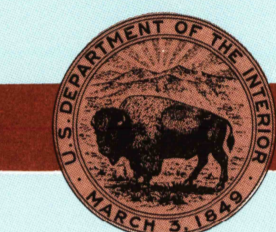


30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1965-1971, and from advance materials. Partially revised from aerial photographs taken 1977 and other source data.
 Revised information not field checked.
 Map edited 1984.
 Projection and 10 000-meter grid, zone 12
 Universal Transverse Mercator
 25 000-foot grid ticks based on Montana coordinate system, north and central zones. 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 53 meters east.
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 20 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY,
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CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS									
Meters	Feet	<p>15° 33 MILS</p> <p>UTM grid convergence (GM) and 1984 magnetic declination (MD) at center of map. Diagram is approximate.</p>	<table border="1"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table> <p>1 Rocky Boy 2 Dodson 3 Malta 4 Washford 5 Fort Peck Lake 6 Lewistown 7 Wamsutter 8 Sand Springs</p>	1	2	3	4	5	6	7	8	9
1	2			3								
4	5			6								
7	8			9								
1	3 280.8											
2	6 961.7											
3	9 842.5											
4	13 123.4											
5	16 404.3											
6	19 685.2											
7	22 966.1											
8	26 247.0											
9	29 527.9											
10	32 808.8											

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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, trail
- Route marker: Interstate, U. S., State
- Railroad: standard gauge, narrow gauge
- 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
- Ruins; 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
- Scrub; mangrove
- Orchard; vineyard

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

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
 METERS 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000
 FEET 0 10000 20000 30000 40000 50000 60000 70000

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