



USGS
science for a changing world

1:100 000-scale metric topographic map of Bill WYOMING

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

1979

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1959-1971. Partially revised from aerial photographs taken 1975 and other source data. Revised information not field checked.
 Map edited 1979

Projection and 10 000-meter grid, zone 13:
 Universal Transverse Mercator
 25 000-foot grid ticks based on Wyoming coordinate system, east zone - 1927 North American datum
 To place on the predicted North American Datum 1983 move the projection lines 7 meters north and 47 meters east

CONTOUR INTERVAL 20 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY,
 P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GN		1	2	3
1	3.2808	↓		4	5	
2	6.5617	6 MILS		6	7	8
3	9.8425	↓		1 Keyhole		
4	13.1234	↓		2 Reno Junction		
5	16.4042	↓		3 Newcastle		
6	19.6850	↓		4 Midwest		
7	22.9659	↓		5 Lance Creek		
8	26.2467	↓		6 Casper		
9	29.5276	↓		7 Douglas		
10	32.8084	↓		8 Lusk		

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

UTM grid convergence (GN) and 1979 magnetic declination (MIL) at center of map
 Diagram is approximate

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USGS/HWIL
 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; 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: protected; section	
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	