



Produced by the United States Geological Survey in cooperation with the Bureau of Land Management Compiled from USGS 1:24 000-scale topographic maps dated 1960–1965. Partially revised from aerial photographs taken 1977 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 Montana coordinate system, south zone. 1927 North American datum To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 51 meters east

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	*	1	2
1	3.2808	GN NN	4	
2	6.5617		4	
3	9.8425 13.1234			_
5	16.4042	1°49′ / 16° / 284 MILS	6	7
5	19.6850	1°49′ /284 MILS		
7	22.9659	32 WILS	e - 15-9	.4 -
8	26.2467		4 1170	
8 9	29.5276	1 2 2 2 2	1 Wing	nett
10	32.8084	V seed of	3 Jord	d Spring
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1979 magnetic declination (MN)	4 Mus 5 Ange 6 Rou 7 Hysl	ndup
To convert feet to meters multiply by 0.3048		at center of map Diagram is approximate	8 Fors	

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## Topographic Map Symbols

nary highway, hard surface	
ondary highway, hard surface	
nt duty road, principal street, hard or improved surface	
er road or street; trail	
te marker: Interstate; U. S.; State	
road: standard gage; narrow gage	
ige; overpass; underpass	<del></del>
nel: road; railroad	$\rightarrow$ - $\leftarrow$ $\rightarrow$ - $\leftarrow$
t up area; locality; elevation	• 155
port; landing field; landing strip	
ional boundary	
te boundary	
inty boundary	
ional or State reservation boundary	
d grant boundary	
S. public lands survey: range, township; section	
ge, township; section line: protracted	
ver transmission line; pipeline	
n; dam with lock	
netery; building	
ndmill; water well; spring	* 0 0-
ne shaft; adit or cave; mine, quarry; gravel pit	<b>□</b> ≻ X X
npground; picnic area; U. S. location monument	*
ns; cliff dwelling	
torted surface: strip mine, lava; sand	
ntours: index; intermediate; supplementary	
hymetric contours: index; intermediate	
eam, lake: perennial; intermittent	
oids, large and small; falls, large and small	
a to be submerged; marsh, swamp	Alle Alle
d subject to controlled inundation; woodland	to contract party personnel contraction programming and contraction programming and contraction programming contractions and contraction contractions and contractions and contractions and contractions are contracted as a contraction of contractions and contractions are contracted as a contraction of contractions and contractions are contracted as a contraction of contractions are contracted as a contraction of contractions are contracted as a contraction of contraction of contractions are contracted as a contraction of contraction of contractions are contracted as a contraction of contraction of contractions are contracted as a contraction of contraction of contractions are contracted as a contraction of contraction
ub; mangrove	
hard; vineyard	
A pamphlet describing topographic maps is available on reques	st