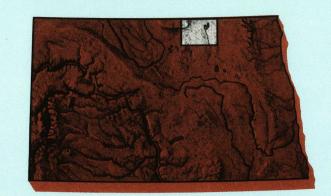


Langdon NORTH DAKOTA

1:100 000-scale metric topographic map



48098-E1-TM-10

30 X 60 MINUTE QUADRANGLE SHOWING

- Contours and elevations
- in metersHighways, roads and other
- manmade structures
- Water features
- Woodland areasGeographic names



GEOLOGICAL SURVEY

1985

PHOTOINSPECTED 1990

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 1981-82 and other source data. Revised information not field checked. Map edited 1985

Projection and 10 000-meter grid, zone 14,
Universal Transverse Mercator
25 000-foot grid ticks based on North Dakota coordinate system, north zone
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 3 meters north and 28 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1990 photographs
No major culture or drainage changes found

CONTOUR INTERVAL 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	↑ MN	1	2	3
1	3.2808	GN 7	4		5
2	6.5617	g.,	4		9
3	9.8425			_	
5	13.1234 16.4042	81/2°	6	7	8
6	19.6850	0°23′ 151 MILS			
7	22.9659	7 MILS			
8	26.2467		1		
ğ	29.5276		2		
10	32.8084		3		
To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048		UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map Diagram is approximate	4 Rock Lake 5 Cavalier 6 Leeds 7 Devils Lake 8 Grafton		

FOR SALE BY U. S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

Topographic Map Symbols

Primary highway, hard surface		
Secondary highway, hard surface		
Light duty road, principal street, hard or improved surface \ldots	***************************************	
Other road or street; trail		
Route marker: Interstate; U.S.; State		
Railroad: standard gage; narrow gage	- total	
Bridge; overpass; underpass	+ (-
Tunnel: road; railroad		\rightarrow
Built up area; locality; elevation		• 155
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	<u>*</u>	0~
Mine shaft; adit or cave; mine, quarry; gravel pit	• →	× ×
Campground; picnic area; U.S. location monument	ĭ	
Ruins; cliff dwelling		_
Distorted surface: strip mine, lava; sand		\$33000X
Contours: index; intermediate; supplementary		
Bathymetric contours: index; intermediate		_
Stream, lake: perennial; intermittent	\sim	
Rapids, large and small; falls, large and small	D #	\
Area to be submerged; marsh, swamp		III Mr
Land subject to controlled inundation; woodland	COST MANUAL MANU	
Scrub; mangrove		"是是我们

A pamphlet describing topographic maps is available on reques



USGS Library Reston, VA. Topo Archive