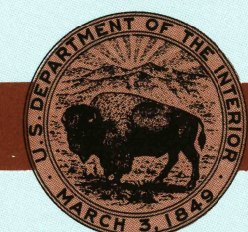


30 X 60 MINUTE QUADRANGLE SHOWING

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



GEOLOGICAL SURVEY


1986

Compiled from USGS 1:24 000-scale topographic maps
dated 1950-1978. Planimetry revised from aerial
photographs taken 1984 and other source data
Revised information not field checked

Projection and 10 000-meter grid, zone 14
Universal Transverse Mercator
25 000-foot grid ticks based on Nebraska coordinate
system, north zone and South Dakota 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 30 meters east

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet			1	2	3	4
1	3.2808						
2	6.5617			4			
3	9.8425						
4	13.1234						
5	16.4043						
6	19.6850						
7	22.9659						
8	26.2467						
9	29.5275						
10	32.8084						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN and 1986 magnetic declination [MN] at center of map Diagram is approximate		1	2	3	4
To convert feet to meters multiply by 0.3048				5	6	7	8
				9	10	11	12

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OR RESTON, VIRGINIA 22092

USGS NMD HISTORICAL MAP

AUG 12 1986

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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
Road 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: protracted
Power transmission line; pipeline
Dam; dam with lock
Cemetery; building
Windmill; water well; spring
Mine shaft; silt or cave; mine, quarry; gravel pit
Campground; picnic area; U.S. location monument
Range, cattle
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

A pamphlet describing topographic maps is available on request.

1986