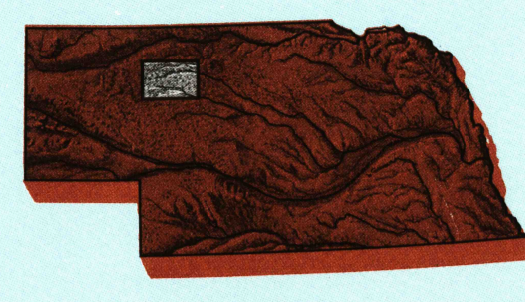


MULLEN, NEBRASKA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

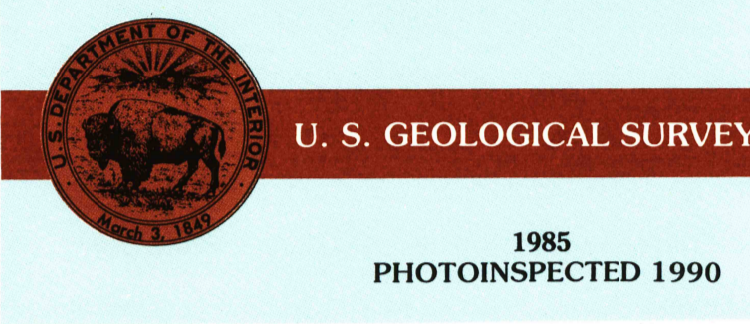
Mullen NEBRASKA

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey  
 Compiled from USGS 1:62 500-scale topographic maps dated 1948-1951. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1985  
 1927 North American Datum (NAD 27) Projection and 10 000-meter grid: Universal Transverse Mercator, zone 14  
 25 000-foot ticks: Nebraska coordinate system, north zone  
 The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875  
 Where omitted, land lines have not been established

Map photostereoscopic using 1988-90 photographs. No major culture or drainage changes found.

CONTOUR INTERVAL 10 METERS  
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	Magnetic Declination		1	2	3
1	3.2808			4	5	
2	6.5617			1	2	3
3	9.8425			4	5	6
4	13.1234			7	8	
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5275					
10	32.8084					

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

UTM grid convergence (GN) and 1983 magnetic declination (M) at center of map. Diagram is approximate.

1 Gordon  
2 Coaly  
3 Valerston  
4 Alliance  
5 Green Creek  
6 Crooked Lake  
7 Arthur  
8 Dismal River

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
- 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
- Civil township 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
- Wellhead; 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
- Submetric 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

