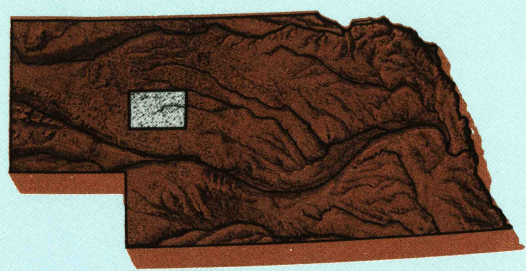
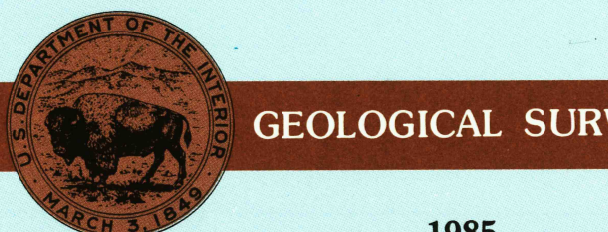


1:100 000-scale  
planimetric map



### 30 X 60 MINUTE QUADRANGLE SHOWING

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



1985

Produced by the United States Geological Survey  
 Compiled from USGS 1:62 500-scale topographic maps  
 dated 1947-1951. Planimetry revised from aerial photographs  
 taken 1984 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 Nebraska coordinate  
 system, north and south zones  
 1927 North American Datum  
 To place on the predicted North American Datum 1983, move  
 the projection lines 6 meters north and 38 meters east

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARD

Meters	Feet
1	3.2808
6	19.6877
9	29.5275
14	45.7425
30	98.4252
45	147.6378
60	196.8504
75	246.0630
90	295.2756
105	344.4882

DECLINATION DIAGRAM

GN  
MN

1°40' 30 MILS  
100°

UTM grid coordinates (GN) and MRS magnetic declination (MN) at center of map  
Diagram is approximate

1	2	3
4	5	6
7	8	9

1 Alliance

2 Mullen

3 Goose Creek

4 Crescent Lake

5 Dismal River

6 Chappell

7 Osageale

8 North Platte

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

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
- Road marker, Interstate, U.S. State
- Railroad: standard gage, narrow gage
- Railroad; 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
- Power transmission line; pipeline
- Dam, dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; old cave; mine, quarry; gravel pit
- Campground; picnic area; U.S. location monument
- River, city drainage
- Disturbed 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
- Large to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scribbled, mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request.