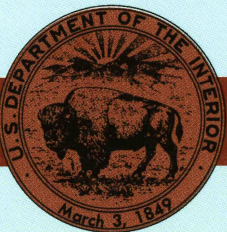


**30 X 60 MINUTE QUADRANGLE
SHOWING**

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



GEOLOGICAL SURVEY

1985
PHOTOINSPECTED 1988

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1958-1976. Planimetry revised from aerial photographs taken 1981 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, south and north zones
1927 North American Datum
To place on the predicted North American Datum 1983, move
the projection lines 5 meters north and 28 meters east
Map photoinspected using 1987 and 1988 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

Meters	Feet
1	3.2808
2	6.5617
3	9.8424
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

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

ADJOINING MAPS

1	2	3
4	5	
6	7	8

1 O'Neill
2 Norfolk
3 Sioux City South
4 Ord
5 Blair
6 St. Paul
7 David City
8 Fremont

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 | |
| Light duty road or street, gravel | |
| Study marker: Interstate U.S. State | |
| Unimproved, standard gage, narrow gage | |
| Overlaid; overpass, underpass | |
| Unimproved road; railroad | |
| Small up area; locality, elevation | |
| Airport, landing field, landing strip | |
| National boundary | |
| County boundary | |
| State boundary | |
| County or State reservation boundary | |
| and grant boundary | |
| U.S. public lands survey: range, township, section | |
| Range, township, section: line, protracted | |
| Transmission line, pipeline | |
| and dam with lock | |
| Century; building | |
| Vindical; water well; spring | |
| Site shaft; adit or cave; mine, quarry, gravel pit | |
| Campground; picnic area; U.S. location monument | |
| Contours; cliff dwelling | |
| Intermittent surface strip mine, lava; and | |
| Altimetric contours: index, intermediate | |
| Altimetric contours: index, intermediate | |
| Stream, lake; parental; intermittent | |
| Stagnic, large and small; falls, large and small | |
| Area to be submerged; marsh, swam | |
| Area subject to controlled inundation; woodland | |
| and vineyard | |
| Richard; vineyard | |

A pamphlet describing topographic maps is available on request.