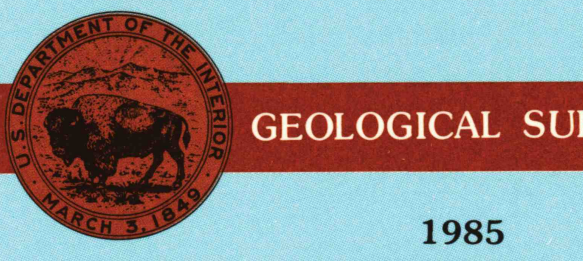


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1965-1980. 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 Kansas 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 27 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map
Map photoinspected using 1985 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	9.8425
4	13.1234
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

DECLINATION DIAGRAM

The diagram shows a vertical line representing True North (TN) and a line representing Magnetic North (MN) that is tilted to the right. The angle between them is labeled 7°10'. Below the lines, the angle is also labeled 0°58' and 133 MILS.

UTM grid convergence (GCM) and 1983 magnetic declination (MNC) at center of map
Diagram is approximate

ADJOINING

1	2
4	5
6	7

- 1 Red Cloud
- 2 Fairbury
- 3 Beatrice
- 4 South Center
- 5 Blue Rapids
- 6 Bolivar
- 7 Clay Center
- 8 Manhattan

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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
- 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
- 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; 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
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Roads, large and small; side, 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