

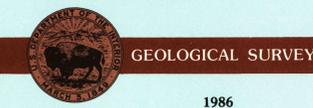
# Sioux City North

IOWA-SOUTH DAKOTA-NEBRASKA  
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



Produced by the United States Geological Survey  
 Compiled from USGS 1:24 000-scale topographic maps dated 1962-1980. Planimetry revised from aerial photographs taken 1963 and other source data. Revised information not field checked. Map edited 1986.  
 Projection and 10 000-meter grid, zone 14 Universal Transverse Mercator. 25 000-foot grid ticks based on Iowa coordinate system, north zone. South Dakota coordinate system south zone, and Nebraska coordinate system, north zone 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 26 meters east. There may be private inholdings within the boundaries of the National or State reservations shown on this map.

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

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic Declination		1	2	3
1	3.2808	1° 42' 107 MILS		4	5	6
2	6.5616	30 MILS		7	8	
3	9.8424					
4	13.1232					
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					
10	32.8080					

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

UTM grid convergence (GN) and 1986 magnetic declination (MD) at center of map. Diagram is approximate.

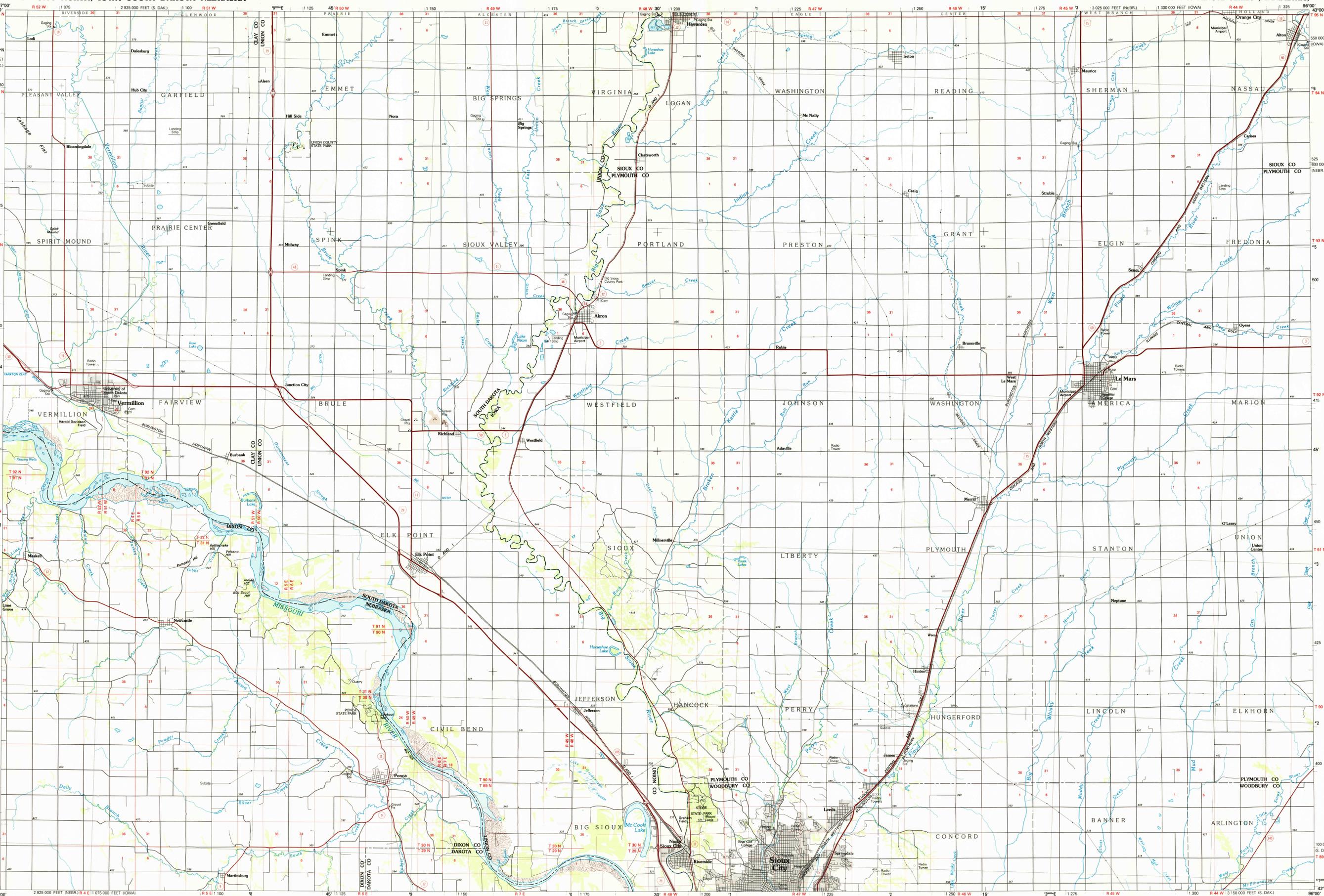
ADJOINING MAPS:  
 1 Fremont  
 2 Rock Rapids  
 3 Iowa Great Lakes  
 4 Yankton  
 5 Storm Lake  
 6 Sioux City South  
 7 Iowa Center  
 8 Ida Grove

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

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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
- Ruin; cliff dwelling
- 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
- Soil: meadow
- Orchard; vineyard



SCALE 1:100 000  
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

1000 0 5000 10000 15000 20000 METERS  
 5000 10000 20000 30000 40000 50000 60000 70000 FEET