

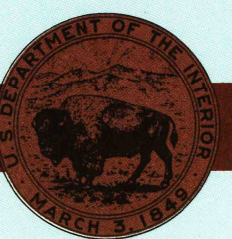
Rock Rapids

IOWA—SOUTH DAKOTA

**1:100 000-scale
planimetric map**



- 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 1:254 000-scale topographic maps dated 1962-1980. 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 Iowa coordinate system,
north zone and South Dakota coordinate system, south 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 COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
5	16.517
3	9.8425
13	42.124
16	52.042
6	19.685
7	22.966
8	26.247
10	32.576
12	32.808

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

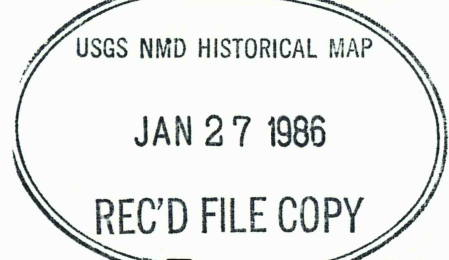
1	2	3
4	5	6
7	7	8

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

1 Salem
2 Sioux Falls
3 Worthington
4 Freeman
5 Iowa Great Lakes
6 Yankton
7 Sioux City North
8 Storm Lake.

FOR SALE BY U. S. GEOLOGICAL SURVEY
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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 | |
| Black water: Interstate, U.S. State | |
| Railroad: standard gauge, narrow gauge | |
| Bridge: overpass, underpass | |
| Tunnel: road, railroad | |
| Build 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; old or cave; mine, quarry; gravel pit | |
| Campground, picnic area; U.S. location monument | |
| Off, cliff dwelling | |
| 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 | |
| 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.

