

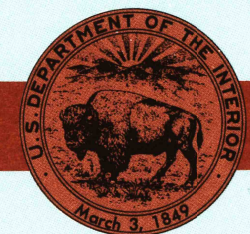
# Eureka

SOUTH DAKOTA–NORTH DAKOTA

1:100 000-scale *metric*  
topographic map



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



1985  
PHOTOINSPECTED 1991

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1968 and 1978. Planimetry revised from aerial photographs taken 1984 and other source data. Revised information not field checked. Map edited 1985

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 14  
25 000-foot ticks: South Dakota coordinate system, north zone and North Dakota coordinate system, south zone

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Map photoinspected using 1990-91 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 STANDARD

| 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      | 29.5276 |
| 10     | 32.8084 |

GN  
Mn  
0°21'  
6 MILS      160 MILS

| 1 | 2 | 3 |
|---|---|---|
|   |   |   |
| 4 | 5 | 6 |
| 7 | 8 |   |

UTM grid convergence (GN) and 1985 magnetic declination (Mn) at center of map  
Diagram is approximate

To convert meters to feet multiply by 3.2808

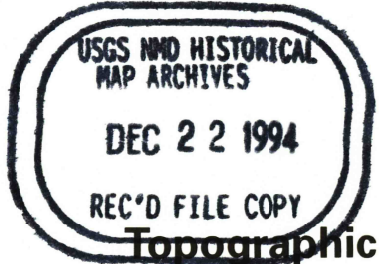
To convert feet to meters multiply by 0.3048

1 Linton  
2 Wishek  
3 La Moure  
4 Mobridge  
5 Elm River  
6 Plain  
7 Gettysburg  
8 Aberdeen

|   |   |   |
|---|---|---|
| 1 | 2 | 3 |
| 4 |   | 5 |
| 6 | 7 | 8 |

1 Linton  
 2 Wishek  
 3 La Moure  
 4 Mobridge  
 5 Elm River  
 6 La Plant  
 7 Gettysburg  
 8 Aberdeen

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                                 |  |
| Route marker                                                |  |
| Bridge, overpass, standard gauge, narrow gauge              |  |
| Railroad, overpass, underpass                               |  |
| Tunnel, road, railroad                                      |  |
| Built up area, locality, elevation                          |  |
| Airport, landing field, landing strip                       |  |
| National boundary                                           |  |
| State boundary                                              |  |
| County boundary                                             |  |
| Civil township 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                                          |  |
| Well, water, 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                |  |
| Stream, lake, perennial; index, intermediate                |  |
| Bathy, lake: perennial; intermittent                        |  |
| Reefs, 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

1985  
PHOTOINSPECTED 1991

**SCALE 1:100 000**  
THE MAP REPRESENTS 1 KILOMETRE  
CONTOUR INTERVAL 10 METRES

**EUREKA, SOUTH DAKOTA-NORTH DAKOTA**  
45099-E1-TM-100

## EUREKA, SOUTH DAKOTA—NORTH DAKOTA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

This is a detailed topographic map of a region spanning North Dakota and South Dakota. The map features a grid with coordinates and labels for various geographical features. Key elements include:

- County Boundaries:** Labeled counties include Campbell, McIntosh, McPherson, and Walworth in North Dakota, and McPherson, Walworth, and Edmonds in South Dakota.
- Towns and Cities:** Towns shown include Zealand, Main, Greenway, Eureka, Hillview, and Hosmer. Cities like Eureka and Hillview are marked with larger symbols.
- Water Features:** Numerous lakes are depicted, including Spring Creek, Hansen Lake, Eureka Lake, and Salt Lake. Rivers and creeks are also shown.
- Production Areas:** Many areas are designated as "NATIONAL WATERFOWL PRODUCTION AREA" or "STATE GAME PRODUCTION AREA".
- Infrastructure:** Roads, including a major highway (likely I-94), and a railroad are visible.
- Topography:** Contour lines indicate elevation, with labels such as 500, 600, and 700 feet.
- Grid and Coordinates:** The map includes a grid with coordinates ranging from 2 025 to 2 375 in the north-south direction and 10 15' to 10 45' in the east-west direction.