

Worthington MINNESOTA-IOWA

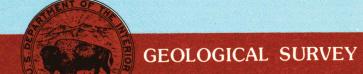
43095-E1-TM-100

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

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



PHOTOINSPECTED 1991/94

Produced by the United States Geological Survey Compiled from USGS 1:24 000-scale topographic maps dated 1960-1982. Planimetry revised from aerial photographs taken 1980 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 15 25 000-foot ticks: Minnesota 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 1991 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 DECLINATION DIAGRAM 3.2808 6.5617 9.8425 13.1234 16.4042 19.6850 22.9659 26.2467 29.5276 32.8084 6 7 8 4 Sioux Falls 5 Fairmont 6 Rock Rapids 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 7 Iowa Great Lakes 8 Estherville

## Topographic Map Symbols

Primary highway, hard surface... Other road or street; trail..... Route marker: Interstate; U.S.; State .. Railroad: standard gage; narrow gage... Bridge; overpass; underpass..... Built up area; locality; elevation ..... Airport; landing field; landing strip..... Land subject to controlled inundation; woodland ......

A pamphlet describing topographic maps is available on request

USES HAD HISTORICAL MAP ARCHIVES

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