

IRON MOUNTAIN, MICHIGAN-WISCONSIN

30 X 60 MINUTE SERIES (TOPOGRAPHIC)

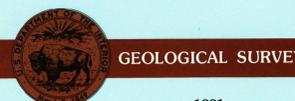
Iron Mountain MICHIGAN-WISCONSIN

1:100 000-scale metric topographic map



30 X 60 MINUTE QUADRANGLE SHOWING

- 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 1:250 000-scale topographic maps dated 1955-1972. Planimetry revised from aerial photographs taken 1986-1988 and other source data. Revised information not field checked. Map edited 1991

Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator
 25 000-foot grid ticks based on Wisconsin coordinate system, north and central zones, and Michigan coordinate system, north zone
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 9 meters east
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
 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 |
| 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 | ADJOINING MAPS | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|---|---|
| <p>UTM grid convergence (GN) and 1911 magnetic declination (MN) at center of map. Diagram is approximate.</p> | <table border="1"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td></tr> </table> <p>1 Waukegan 2 Iron River 3 Owinn 4 Rhineland 5 Escanaba 6 Merrill 7 Wauseno 8 Marinette</p> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | 2 | 3 | | | | | | | | |
| 4 | 5 | 6 | | | | | | | | |
| 7 | 8 | 9 | | | | | | | | |

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: Interstate, U.S., State
- Railroad: standard gauge, narrow gauge
- 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
- Wellhead; 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, levis, sand
- Bathymetric contours: index, intermediate
- Striped 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



IRON MOUNTAIN, MICHIGAN-WISCONSIN 45088-E1-TM-100