

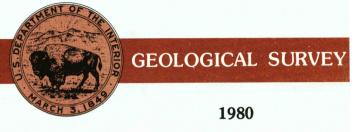
1:100 000-scale *metric* topographic map of MICHIGAN-WISCONSIN %



30 X 60 MINUTE QUADRANGLE SHOWING

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





Produced by the United States Geological Survey Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1955–1975. Planimetry revised from aerial photographs taken 1975 and 1979 and other source data. Revised information not field checked. Map edited 1980

Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator 25 000-foot grid ticks based on Wisconsin coordinate system, north zone and Michigan 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 11 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   | 2    | 3 |
|--|-------------------|--|----------|---|------|---|
| 1 2  | 3.2808<br>6.5617  | GN .   | N        | 4   |      | 5 |
| 3  | 9.8425<br>13.1234 | GIV  |          | -   | -    |   |
| 5  | 16.4042           |  | 2°       | 6   | 7    | 8 |
| 6  | 19.6850           | 1°48′ /3                                     | 6 MILS   |   |      |   |
| 7 .  | 22.9659           | 32 MILS                                      |          |   |      |   |
| 8  | 26.2467           |  |          | 1 Port  | Wing |   |
| 9  | 29.5276           |  |          | 2 Ashl  |      |   |
| 10   | 32.8084           |  |          | 3 Onto  |      |   |
| To convert meters to feet multiply by 3.2808 |                   | UTM grid con<br>(GN) and 1980<br>declination | magnetic | <ul><li>4 Solon Springs</li><li>5 Wakefield</li><li>6 Spooner</li></ul> |      |   |
| multiply by 3                                |                   | at center of map<br>Diagram is approximate   |          | 7 Park Falls<br>8 Rhinelander   |      |   |

FOR SALE BY U. S. GEOLOGICAL SURVEY RESTON, VIRGINIA 22092

## Topographic Map Symbols

| Primary highway, hard surface                              |   |                     |   |
|--|---|---------------------|---|
| Secondary highway, hard surface                            |   |                     |   |
| ight duty road, principal street, hard or improved surface |   |                     |   |
| Other road or street; trail                                | *************************************** |                     |   |
| Route marker: Interstate; U.S.; State                      | $\bigcap$ 1                             | 7                   | ) |
| Railroad: standard gage; narrow gage                       | -                                       | ~                   |   |
| Bridge; overpass; underpass                                | <del>)  </del>                          | <del>- </del>  -    |   |
| Funnel: road; railroad                                     | <del></del>                             | $+$ $ \leftarrow$ + |   |
| Built up area; locality; elevation                         |   | • 155               |   |
| Airport; landing field; landing strip                      | manyakana                               |                     |   |
| National boundary  |   |                     |   |
| State boundary   |   |                     |   |
| County boundary  |   |                     |   |
| National or State reservation boundary                     |   |                     |   |
| and grant boundary   |   |                     |   |
| J.S. public lands survey: range, township; section         |   |                     |   |
| Range, township; section line: protracted                  |   |                     |   |
| Power transmission line; pipeline                          |   |                     |   |
| Dam; dam with lock   |   | <u> </u>            |   |
| Cemetery; building   |   |                     |   |
| Vindmill; water well; spring                               | X                                       |                     |   |
| Mine shaft; adit or cave; mine, quarry; gravel pit         | ■ →                                     | × ×                 |   |
| Campground; picnic area; U.S. location monument            | X .                                     | *                   |   |
| Ruins; cliff dwelling                                      |   | _                   |   |
| Distorted surface: strip mine, lava; sand                  |   |                     |   |
| Contours: index; intermediate; supplementary               |   |                     |   |
| Bathymetric contours: index; intermediate                  |   |                     |   |
| Stream, lake: perennial; intermittent                      | $\sim$                                  |                     | ) |
| Rapids, large and small; falls, large and small            | <b>*</b>                                |                     |   |
| Area to be submerged; marsh, swamp                         |   | ale ale             |   |
| and subject to controlled inundation; woodland             |   |                     |   |
| Scrub; mangrove  |   | HERVE BY            |   |
| Orchard; vineyard  |   |                     |   |
|  |   |                     |   |

A pamphlet describing topographic maps is available on reques