



PRODUCED BY THE U. S. GEOLOGICAL SURVEY
Base map prepared by Defense Mapping Agency by photogrammetric methods. Field checked 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1980.
Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 15. 100,000-foot grid ticks based on Wisconsin coordinate system, central and north zones, 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 12 meters east.
Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
100,000 to 500,000
25,000 to 100,000
5,000 to 25,000
1,000 to 5,000
Less than 1,000

RAILROADS

Single track double or multiple
Normal gauge
Narrow gauge

ROADS

Primary, all-weather, hard surface
Secondary, all-weather, hard surface
Fair or dry weather, unpaved surface
Fair or dry weather, unpaved surface
Interchange

Route markers: Interstate, U.S., State

Landmarks: School, Church, Other, Spot elevation in feet, Marsh or swamp, Intermittent or dry stream, Power line

Other features: Landplane airport, Seaplane airport, Seaplane anchorage, State, County, Park or reservation, Woods/bushwood

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

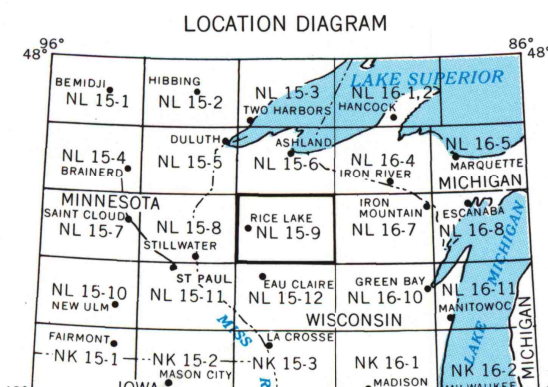
0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 50 FEET
WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

1980 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 3° (50 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 1° (20 MILES) EASTERLY FOR THE CENTER OF THE EAST EDGE

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SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

GRID ZONE DESIGNATION

15T

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

SAMPLE POINT: FORT ARTHUR

GRID COORDINATES

1. Read letters identifying 100,000 meter squares in which the point lies.
2. Locate first VERTICAL grid line to left of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself.
3. Locate first HORIZONTAL grid line below point and read LARGE figure labeling the line either in the left or right margin, or on the line itself.
4. Estimate tenths from grid line to point.

SAMPLE REFERENCE

15T 4432

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