



PRODUCED BY THE U. S. GEOLOGICAL SURVEY  
 Base map prepared by Defense Mapping Agency by photogrammetric methods. Field checked 1955. Revised by the U. S. Geological Survey from aerial photographs taken 1979 and other source data. Revised information not field checked. Map edited 1981.  
 Selected hydrographic data from NOS charts. This information is not intended for navigational purposes.  
 Transverse Mercator Projection, 10,000-meter Universal Transverse Mercator grid, zone 16, 100,000-foot grid ticks based on Michigan coordinate system, central and north zones, 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 3 meters north and 2 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

**ROADS**  
 Primary, all-weather, hard surface  
 Secondary, all-weather, hard surface  
 Light-duty, all-weather, hard or improved surface  
 Fair or dry weather, unimproved surface  
 Trail  
 Interchange

**RAILROADS**  
 Standard gauge  
 Narrow gauge  
 Single track, Double or Multiple track

**BOUNDARIES**  
 National  
 State  
 County  
 Park or reservation  
 Mine

**Other Symbols**  
 Harbor  
 Fishkill  
 Landplane airport  
 Landing area  
 Seaplane anchorage  
 Orchard  
 Power line  
 Spot elevation in feet

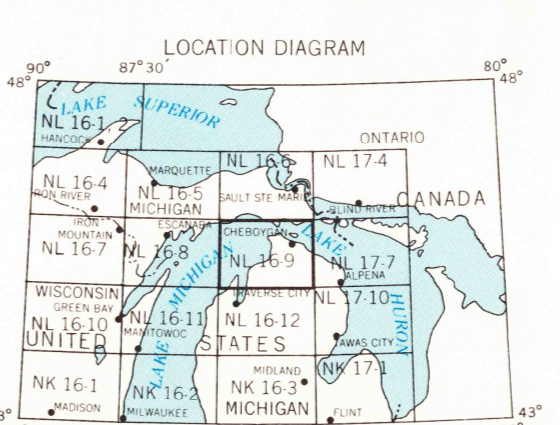
**Landmarks: School; Church; Other**  
 Depth curve in feet  
 Limit of danger; Reef  
 Rocks; Awash; Sunken  
 Foreshoar flat  
 Intermittent or dry stream  
 Marsh or swamp  
 Woods; brushwood

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

1981 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 3½° (60 MILS) WESTERLY FOR THE CENTER OF THE WEST EDGE TO 6° (100 MILS) WESTERLY FOR THE CENTER OF THE EAST EDGE

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



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  
 18U UTM  
 TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

1. Read letters identifying 100,000 meter square in which the point lies.  
 2. Locate first VERTICAL grid line to LEFT of point or on the line itself. Estimate tenths from grid line to point.  
 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. Estimate tenths from grid line to point.

EXAMPLE: 490000  
 If reporting known 18° in any direction, prefix Grid Zone Designation, as: 18U490000

RETURN TO:  
 USES WHOSE RECORDS THIS MAP BELONGS TO

APR 21 1983

CHEBOYGAN, MICHIGAN  
 1955  
 REVISED 1981