



PRODUCED BY THE U. S. GEOLOGICAL SURVEY
 Base map prepared by Defense Mapping Agency by photogrammetric methods and from U. S. 1:24,000- and 1:25,000-scale maps dated 1953 and 1954 and Canadian 1:50,000-, 1:63,360-, and 1:126,720-scale maps dated 1939-1953. Field checked 1954. Revised by the U. S. Geological Survey from aerial photographs taken 1976-1979 and other source data. Revised information not field checked. Map edited 1982.
 Selected hydrographic data compiled 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, north zone, 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 4 meters north and 4 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
 Single track
 Double or Multiple track
 Standard gauge
 Narrow gauge

BOUNDARIES
 International
 State
 County, District
 Park or reservation
 Spot elevation in feet

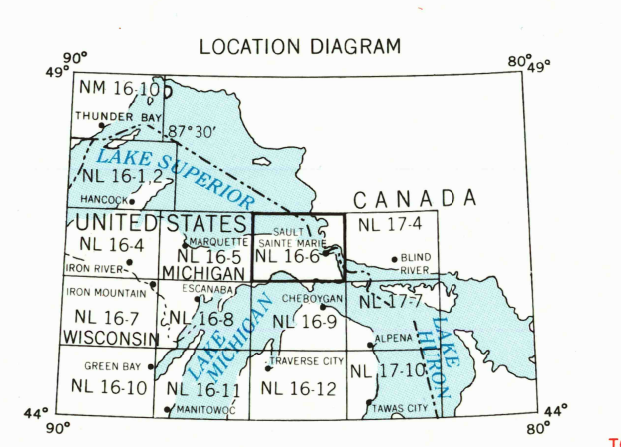
ROUTES
 Interstate, U.S., State
 Landmarks: School; Church; Other
 Depth curve in feet
 Limit of danger; Reef
 Rocks; Awash
 Foreshore flat
 Intermittent or dry stream
 Marsh or swamp

Other Symbols:
 Airplane airport
 Landing area
 Landing airfield
 Seaplane anchorage
 Power line
 Bar Harbor
 Fishkill

Scale 1:250,000
 20 Statute Miles
 30 Kilometers
 15 Nautical Miles

CONTOUR INTERVAL 50 FEET
 WITH SUPPLEMENTARY CONTOURS AT 25 FOOT INTERVALS

1982 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 4. (70 MILS) EASTERLY FOR THE CENTER OF WEST EDGE TO 6. (120 MILS) FOR THE CENTER OF THE EAST EDGE
 FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092



SECTIONED TOWNSHIP

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

GRID ZONE DESIGNATION: 18T
 100,000 M. SQUARE IDENTIFICATION: EH FH GH
 EG FG GG
 EG FG

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
 SAMPLE POINT: WHISKEY LANDING

1 Read letters identifying 100,000 meter square to which the point lies.
 2 Locate that 100,000 meter square on the grid line to LEFT of the point and read LARGE figure labeling the point which is the letter or letters next to it on the line itself.
 3 Estimate tenths of a mile from the point and read LARGE figure labeling the line which is the letter or letters next to it on the line itself.
 4 Estimate hundredths of a mile from the point and read SMALL figure labeling the line which is the letter or letters next to it on the line itself.

IGNORE THE SMALLER FIGURES of any grid number; these are for finding the full coordinates. ONLY THE LARGE FIGURES of the grid number, example: 5100000

SAMPLE REFERENCE: 18T057
 If reporting beyond 10" in any direction, prefix grid zone designation, 18T0574057

SAULT SAINTE MARIE, MICH., U.S.; ONT., CAN.
 1954
 REVISED 1982

RECEIVED
 MAY 31 2000
 USGS NHD
 HISTORICAL MAP ARCHIVES

ISBN 0-607-45760-1
 9 780607 457601