



USGS HISTORICAL MAP
 OCT 20 1987
 RECD FILE COPY

LAKE SUPERIOR

LAKE SUPERIOR

Prepared by the Army Map Service (KCSX), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States quadrangles, 1:24,000 and 1:25,000, 1943-1957; U.S. Lake Survey Charts, 1:50,000, 1954-55. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS, USCGS, USACE, and International Boundary Commission. Map field checked 1958. Limited revision by U.S. Geological Survey 1966. 100,000-foot grids based on Michigan coordinate system, north zone, and Minnesota coordinate system, north zone.

LEGEND

ROAD DATA 1958 PARTIALLY REVISED 1966
 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

Standard gauge
 Narrow gauge
 International
 State
 County
 Park or reservation
 Horizontal control point
 Spot elevation in feet

BOUNDARIES

International
 State
 County
 Park or reservation
 Horizontal control point
 Spot elevation in feet

ROADS

Hard surface, heavy duty
 More than two lanes wide
 Two lanes wide, Federal route marker
 Hard surface, medium duty
 More than two lanes wide
 Two lanes wide, State route marker
 Improved light duty
 Unimproved dirt
 Trail

LANDMARKS: School, Church, Other

Depth curve in feet
 Limit of danger: Reef
 Rocks: Awash, Sunken
 Foreshore flat
 Intermittent or dry stream
 Marsh or swamp

Other symbols: Landplane airport, Landing area, Seaplane airport, Seaplane anchorage, Power line, Woods brushwood, Approximate road alignment

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles
 0 5 10 15 20 25 30 Kilometres
 0 5 10 15 20 25 Nautical Miles

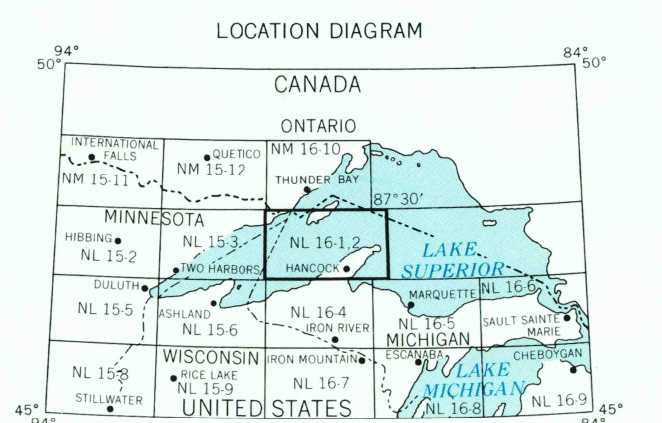
CONTOUR INTERVAL 50 FEET

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 16

1985 MAGNETIC DECLINATION FROM TRUE NORTH FOR THIS SHEET VARIES FROM 23° (40 MILES) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 41° 10 MILES WESTERLY FOR THE CENTER OF THE EAST EDGE.

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR 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: 16T

100,000 M. SQUARE IDENTIFICATION: BH CH DJ

SAMPLE POINT: CUPPER CITY

1. Read letters identifying 100,000 metre square in which the point lies.
 2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure bearing the one letter in the top or bottom margin, or on the line itself.
 3. Estimate tenths from grid line to point.
 4. Locate first HORIZONTAL grid line BELOW point and read LARGE figure bearing the one letter in the left or right margin, or on the line itself.
 5. Estimate tenths from grid line to point.

USGS 5210000

1:250,000