

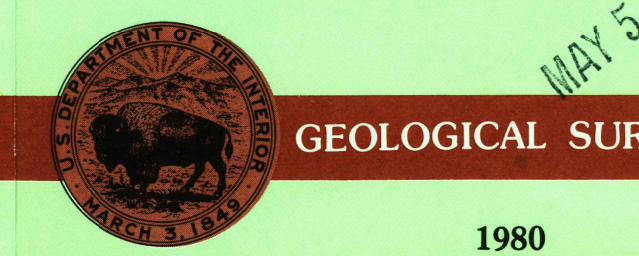


1:25 000-scale metric topographic map of Black River Harbor MICHIGAN



USGS Historical File National Mapping Div.

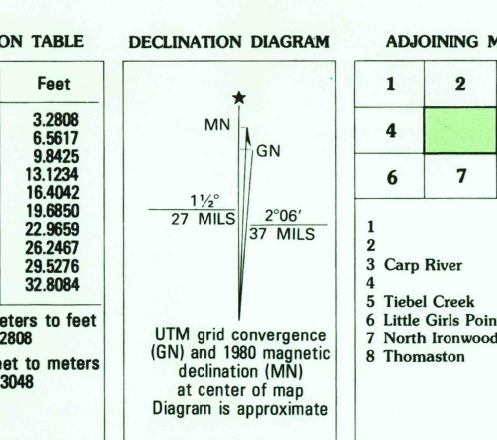
- 7.5 X 15 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
  - Highways, roads and other manmade structures
  - Water features
  - Woodland areas
  - Geographic names



Produced by the United States Geological Survey  
 Control by USGS and NOS/NOAA  
 Compiled by photogrammetric methods from aerial photographs taken 1975. Field checked 1976. Map edited 1980.  
 Selected hydrographic data compiled from NOS Chart 14965 (1979). This information is not intended for navigational purposes.  
 Projection and 1000-meter grid, zone 15, Universal Transverse Mercator  
 10,000-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 5 meters north and 10 meters east as shown by dashed corner ticks  
 There may be private inholdings within the boundaries of the National or State reservations shown on this map  
 CONTOUR INTERVAL 5 METERS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 CONTROL ELEVATIONS SHOWN TO NEAREST 0.1 METER  
 OTHER ELEVATIONS SHOWN TO NEAREST METER  
 DEPTH CURVES AND SOUNDINGS IN METERS  
 DATUM IS LOW WATER 182.9 METERS  
 THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048



ADJOINING MAPS	1	2	3
1	2	3	4
4	5	6	7
7	8	9	10

1 Carp River  
 2 Tated Creek  
 3 Little Gula Point (7.5)  
 4 North Ironwood  
 5 Thompson

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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road; trail
- Route marker: Interstate; U. S.; State
- Railroad: standard gage; narrow gage
- Bridge: drawbridge
- Footbridge; overpass; underpass
- Built-up area: only selected landmark buildings shown
- House; barn; church; school; large structure
- Boundary:
  - National, with monument
  - State
  - County, parish
  - Civil township, precinct, district
  - Incorporated city, village, town
  - National or State reservation; small park
  - Land grant with monument; found section corner
  - U. S. public lands survey: range, township; section
  - Range, township; section line: location approximate
- Fence or field line
- Power transmission line, isolated tower
- Dam; dam with lock
- Cemetery; grave
- Campground; picnic area; U. S. location monument
- Windmill; water well; spring
- Mine shaft; prospect; adit or ore
- Control: horizontal station; vertical station; spot elevation
- Contours: index; intermediate; supplementary; depression
- Distorted surface: strip mine, lava, sand
- Sounding: depth curve
- Perennial lake and stream; intermittent lake and stream
- Rapids, large and small; falls, large and small
- Swamp; marsh
- Submerged marsh; land subject to controlled inundation
- Woodland; scattered trees
- Sand; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request