



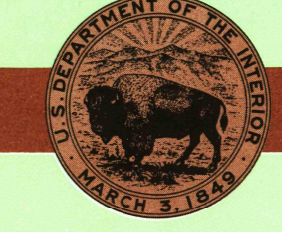
1:25 000-scale metric topographic map of **Carp River MICHIGAN**



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



1980

Produced by the United States Geological Survey  
 Control by USGS and NOS/NOAA  
 Compiled by photogrammetric methods from aerial photographs taken 1975 and 1977. 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 16, 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 THE NEAREST METER  
 DEPTH CURVES AND SOUNDINGS IN METERS  
 DATUM IS LOW WATER, 182.9 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	GN	MN	1	2	3
1	3.2808			4	5	
2	6.5617			6	7	8
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

UTM grid convergence (GN) and 1980 magnetic declination (MN) at center of map Diagram is approximate

5 Government Peak (7.5)  
 6 Black River Harbor  
 7 Tassel Creek  
 8 Alondra Creek (7.5)

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

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
- Bulk-head area: only selected landmark buildings shown
- Houses; 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; fourth section corner; U. S. public lands survey: range, township, section; Range, township, section line: location approximate; Fence or field line; Power transmission line, located tower; Dam; dam with lock; Cemetery; grave; Campground; picnic area; U. S. location monument; Windmill; water well; spring; Mine shaft; prospect; adit or cleve; Control: horizontal station; vertical station; spot elevation; Contours: 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; Scrub; mangrove; Orchard; vineyard

A pamphlet describing topographic maps is available on request

RETURN TO: USGS BMD HISTORICAL MAP ARCHIVES