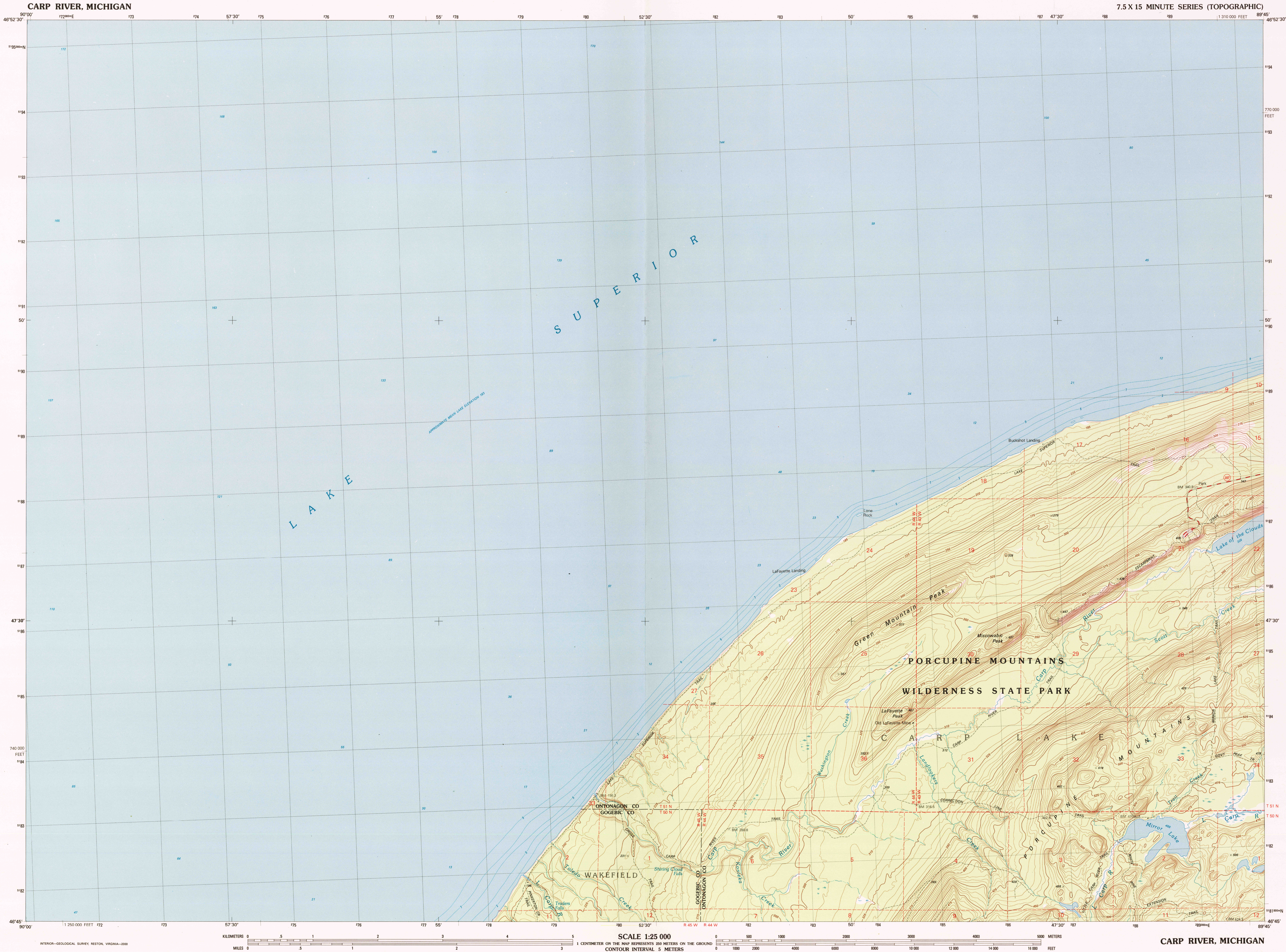






Carp River

MICHIGAN

1:25 000-scale metric topographic map of



7.5 X 15 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

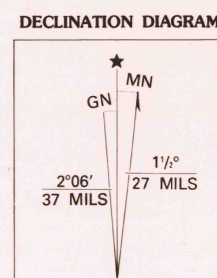
U.S. Department of the Interior
U.S. Geological Survey

1994

Produced by the United States Geological Survey
Derived from imagery taken 1975 and other sources. Photoinspected using imagery taken 1994; no major culture or drainage changes observed. PLSS and survey control current as of 1976. Boundaries verified 1999.
Selected hydrographic data compiled from NOS chart 14965 (1979). This information is not intended for navigational purposes.
North American Datum of 1927 (NAD 27). Projection and 1000-meter grid: Universal Transverse Mercator, zone 16. 10 000-foot ticks. Michigan coordinate system, north zone.
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software.
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			1	2	3
1	3.2808			4	5	
2	6.5615					
3	9.8423					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9658					
8	26.2467					
9	29.5275					
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 1983 magnetic declination (MD))
27° 37' 37" MILS
Diagram is approximate

1 Government Peak (7.5)
2 Black River Harbor
3 Tule Creek
4 Aldridge Creek (7.5)

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HISTORICAL MAP ARCHIVES

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9 780607 920543

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 gauge; narrow gauge	.....	.....
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, located tower	.....	.....
Dam; dam with lock	.....	.....
Cemetery; grave	.....	.....
Campground; picnic area; U. S. location monument	.....	.....
Windmill; water well; spring	.....	.....
Mine shaft; prospect; adit or cave	.....	.....
Control: horizontal station; vertical station; spot elevation	.....	.....
Contours: index; intermediate; supplementary; depression	.....	.....
Distorted surface: strip mine, lava; sand	.....	.....
Soundings; depth curve	.....	.....
Parental 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

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