

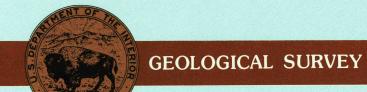
Crystal Lake MICHIGAN

1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

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



Produced by the United States Geological Survey Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1956-1983. Planimetry revised from aerial photographs taken 1977 and other source data. Revised information not field checked. Map edited 1984 Projection and 10 000-meter grid, zone 16, Universal Transverse Mercator 25 000-foot grid ticks based on Michigan coordinate

system, central zone 1927 North American Datum To place on the predicted North American Datum 1983, move the projection lines 4 meters north and 3 meters east There may be private inholdings within the boundaries of the National or State reservations shown on this map

NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map Diagram is approximate

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

Topographic Map Symbols

imary highway, hard surface	-	
condary highway, hard surface		
tht duty road, principal street, hard or improved surface	*************************	***************************************
her road or street; trail		
ute marker: Interstate; U.S.; State		\mathcal{I}
ilroad: standard gage; narrow gage		
idge; overpass; underpass) (
nnel: road; railroad	\rightarrow - \leftarrow	$\xrightarrow{+-}-\cdot\leftarrow$
uilt up area; locality; elevation		• 155
rport; landing field; landing strip	-	4
ational boundary		
ate boundary		
ounty boundary		
ational or State reservation boundary		
nd grant boundary		
S. public lands survey: range, township; section		
nge, township; section line: protracted		
wer transmission line; pipeline		_4400
m; dam with lock		0
emetery; building		
indmill; water well; spring	* 0	0~
ine shaft; adit or cave; mine, quarry; gravel pit	■ →	× ×
mpground; picnic area; U.S. location monument	×	•
ins; cliff dwelling	L	Д
storted surface: strip mine, lava; sand		
ontours: index; intermediate; supplementary	/	
thymetric contours: index; intermediate		_
ream, lake: perennial; intermittent	\sim	
pids, large and small; falls, large and small		>-
ea to be submerged; marsh, swamp		II. Alte
nd subject to controlled inundation; woodland	THE RESERVE AND ADDRESS OF THE PARTY OF THE	
rub; mangrove		HE SE SE SE
chard; vineyard		

A pamphlet describing topographic maps is available on request