

46083-A1-TM-100

Drummond MICHIGAN-ONTARIO			
1:100 000-scale <i>metric</i> topographic map			
30 X 60 MINUTE QUADRANGLE SHOWING			
	<ul> <li>Contours and elevations</li> </ul>		
	<ul> <li>Highways, roads and other manmade structures</li> </ul>		
	<ul><li>Water features</li><li>Woodland areas</li></ul>		
Geographic names			
S.Dc	U. S. GEOLÓG	ICAL SURVEY	
1984			
	PHOTOINSP	ECTED 1992	
	Produced by the United States Geol	ogical Survey	
	Compiled from USGS 1:24 000-scale topographic maps dated 1964-76. Planimetry revised from aerial photographs taken 1982 and other source data. Revised information not field checked. Map edited 1984		
	Canadian portion copied from Department of Energy, Mines and Resources, 1:50,000-scale topographic maps dated 1975 Canadian portion of this map © by Her Majesty the Queen		
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	1927 North American Datum (NAD 27). Pro 10 000-meter grid: Universal Transverse Me 25 000-foot ticks: Michigan coordinate syste The difference between NAD 27 and North 4	ercator, zone 17 em, north zone	
	The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5-minute intersections are given in USGS Bulletin 1875		
	There may be private inholdings within the boundaries of the National or State reservations shown on this map The U.S. portion of this map photoinspected using 1992 photographs No major culture or drainage changes found		
CONTOUR INTERVAL 10 METERS IN UNITED STATES CONTOUR INTERVAL 50 FEET IN CANADA NATIONAL GEODETIC VERTICAL DATUM OF 1929			
	ELEVATIONS SHOWN TO THE NEAREST METER IN UN ELEVATIONS SHOWN TO THE NEAREST FOOT IN CAN THE U.S. PORTION OF THIS MAP COMPLIES W	NITED STATES NADA	
	ACCURACY STANDARDS		
	CONVERSION TABLE DECLINATION DIAGRAM	ADJOINING MAPS	
	1 3.2808 2 6.5617 3 9.8425 4 13.1234 6½°	4 <u>5</u> 6 7 8	
	5 16.4042 6 19.6850 7 22.9659 8 26.2467	6   7   8     1   Sault Sainte Marie North   2	
	9 29.5276 10 32.8084 To convert meters to feet UTM grid convergence multiply by 3.2808 (GN) and 1984 magnetic	3 4 Sault Sainte Marie South 5	
	multiply by 3.2808     (GN) and 1984 magnetic declination (MN)       To convert feet to meters multiply by 0.3048     at center of map Diagram is approximate	6 Cheboygan 7 De Tour Village 8	
FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092			
and the second	SGS MAD HISTORICAL MAP ARCHIVES		
	001 0 5 1994		
and and	Topographic Map	Symbols	
	Primary highway, hard surface	11111	
	Secondary highway, hard surface Light duty road, principal street, hard or improved surface		
	Other road or street; trail	$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$	
	Bridge; overpass; underpass Tunnel: road; railroad		
	Built up area; locality; elevation Airport; landing field; landing strip National boundary		
	State boundary		
	Civil township boundary National or State reservation boundary Land grant boundary	_ ·	
	U.S. public lands survey: range, township; section Range, township; section line: protracted		
	Power transmission line; pipeline Dam; dam with lock Cemetery; building		
	Windmill; water well; spring Mine shaft; adit or cave; mine, quarry; gravel pit	□ ≻ ☆ ∡	
	Campground; picnic area; U.S. location monument Ruins; cliff dwelling Distorted surface: strip mine, lava; sand		
	Contours: index; intermediate; supplementary Bathymetric contours: index; intermediate Stream, lake: perennial; intermittent		
	Rapids, large and small; falls, large and small Area to be submerged; marsh, swamp		
	Land subject to controlled inundation; woodland	The series wants which wants wants were a series of the series of the series wants	

A pamphlet describing topographic maps is available on request

Scrub; mangrove .....

Orchard; vineyard .....

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