

PORT WING, WISCONSIN-MINNESOTA

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



1:100 000-scale metric topographic map of
Port Wing
WISCONSIN-MINNESOTA

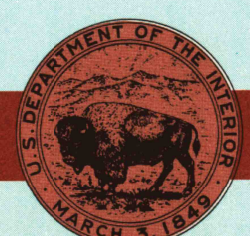


NOV 12 1980

USGS
Historical File
Topographic Division

30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1980/80

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1953-1975. Planimetry revised from aerial photographs taken 1976-79 and other source data. Revised information not field checked. Map edited 1980.
Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
25 000-foot grid ticks based on Wisconsin and Minnesota coordinate systems, north zones
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 15 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map. Diagram is approximate	4		
2	6.5617			5		
3	9.8425			6	7	8
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
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						
		1 Hibbing 2 Two Harbors 3 Otter Island 4 Duluth 5 Chisholm 6 Sandstone 7 Solon Springs 8 Ironwood				

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

Topographic Map Symbols

Primary highway, hard surface.	
Secondary highway, hard surface.	
Light duty road, principal street, hard or improved surface.	
Other road or street; trail.	
Route marker. Interstate, U.S. State.	
Railroad, standard gage, narrow gage.	
Bridge, overpass, underpass.	
Tunnel, road; railroad.	
Built up area; locality; elevation.	
Airport; landing field; landing strip.	
National boundary.	
State boundary.	
County 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; dike 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.	
Disturbed 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.	
Sands, mangrove.	
Orchard; vineyard.	

A pamphlet describing topographic maps is available on request

RETURN TO:
USGS NHD HISTORICAL MAP ARCHIVES

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 10 METERS

PORT WING, WISCONSIN-MINNESOTA

N4630-W9100/30X60

1980