

WINONA, MINNESOTA-WISCONSIN

30 X 60 MINUTE SERIES (PLANIMETRIC)



Winona

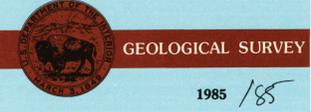
MINNESOTA-WISCONSIN

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



1985 / 85

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1968-1974. Planimetry revised from aerial photographs taken 1981 and other source data. Revised information not field checked. Map edited 1985.
 Universal Transverse Mercator
 23 000-foot grid ticks based on Wisconsin coordinate system, central and south zones and Minnesota coordinate system, south zone. 1927 North American Datum.
 To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 13 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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	MAGNETIC DECLINATION		1	2
1	3.2808	1985		3	4
2	6.5617	1984		5	6
3	9.8425	1983		7	8
4	13.1234	1982			
5	16.4042	1981			
6	19.6850	1980			
7	22.9659	1979			
8	26.2467	1978			
9	29.5275	1977			
10	32.8084	1976			

UTM grid convergence (GM) and 1985 magnetic declination (MD) at center of map. Diagram is approximate.

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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	
Railroad: standard gage, narrow gage	
Bridge; overpass; underpass	
Tunnel: road, railroad	
Built up area, locality, elevation	
Airport: landing field; landing strip	
Natural boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U.S. public lands survey: range, township, section	
Railroad: switching, 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	
Railroad: off dwelling	
Discarded 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	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request