

WINONA, MINNESOTA-WISCONSIN

30 X 60 MINUTE SERIES (TOPOGRAPHIC)



Winona

MINNESOTA-WISCONSIN

1:100 000-scale metric topographic map

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

1985
PHOTOINSPECTED 1986

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.
 Projection and 10 000-meter grid, zone 15, Universal Transverse Mercator
 25 000-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
 Map photorevised using 1986 photographs
 No major culture or drainage changes found
 CONTOUR INTERVAL 20 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 ELEVATIONS SHOWN TO NEAREST METER

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet			1	2
2	6 561			3	4
3	9 842			5	6
4	13 123			7	8
5	16 404				
6	19 685				
7	22 966				
8	26 247				
9	29 528				
10	32 809				

1 Heating
2 East Chate
3 Marshfield
4 Rochester
5 Black River Falls
6 Austin
7 La Crosse
8 Sparta

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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	
Road marker: interstate, U.S., State	
Railroad: standard gage, narrow gage	
Bridge, overpass, underpass	
Tunnel: road, railroad	
Built up area, locality, elevation	
Alpine, 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, pre-1860	
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, levee 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