



# Sparta 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-scale topographic maps dated 1975-1983. Planimetry revised from aerial photographs taken 1982 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, south zone  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 11 meters east  
There may be private inholdings within the boundaries of the National or State reservations shown on this map  
Map photoinspected using 1986 photographs  
No major culture or drainage changes found  
CONTOUR INTERVAL 20 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		1	2	3
2	6.5617		4	5	6
3	9.8425		7	8	9
4	13.1234		10	11	12
5	16.4042		13	14	15
6	19.6850		16	17	18
7	22.9659		19	20	21
8	26.2467		22	23	24
9	29.5275		25	26	27
10	32.8084		28	29	30

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

UTM grid convergence (GM) and 1983 magnetic declination (MD) at center of map  
Diagram is approximate

1 Wisconsin  
2 Black River Falls  
3 Wisconsin Rapids  
4 La Crosse  
5 Wisconsin Dells  
6 Decatur  
7 Richland Center  
8 Madison

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

A.H. ROBINSON  
MAP LIBRARY

JUL 22 1993

University of Wisconsin  
Madison

### 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; projected.....	
Power transmission line; pipeline.....	
Dam; dam with lock.....	
Cemetery; building.....	
Windmill; water well; spring.....	
Mine shaft; adit or cave; mine, quarry; gravel pit.....	
Congressional; public 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.....	
Scrub; mangrove.....	
Orchard; vineyard.....	

A pamphlet describing topographic maps is available on request

3000-9/8

1985  
PHOTOINSPECTED 1986

NON-CIRCULATING

4-149