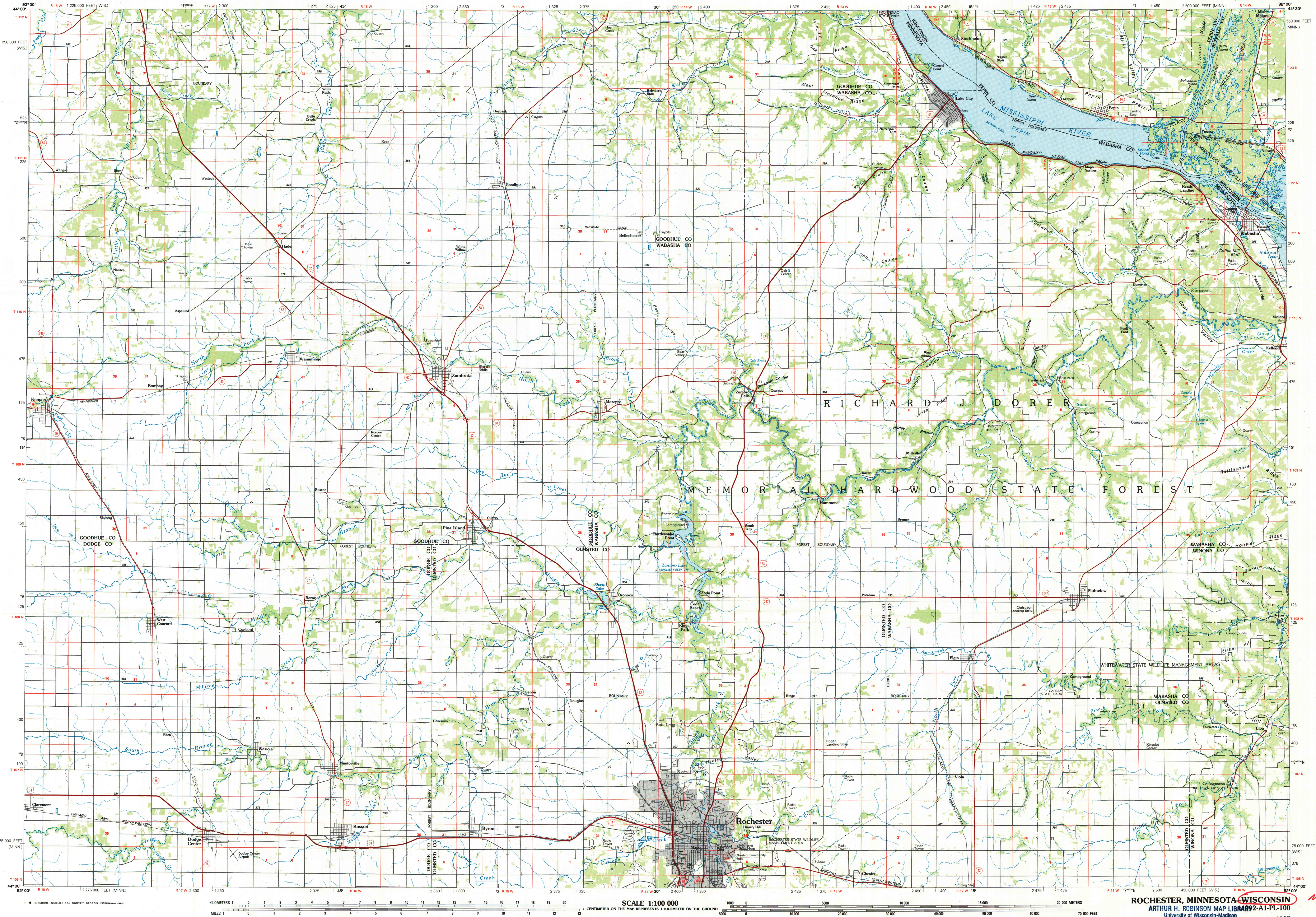
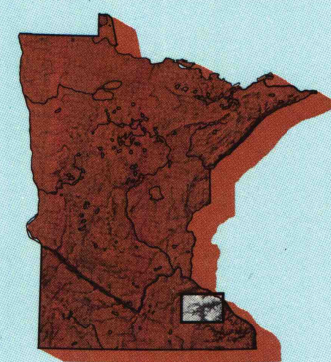
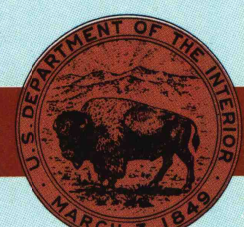


ROCHESTER, MINNESOTA-WISCONSIN

30 X 60 MINUTE SERIES (PLANIMETRIC)

Rochester
MINNESOTA-WISCONSIN1:100 000-scale
planimetric map30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1965-1982. Planimetry revised from aerial photographs taken 1980-81 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 Minnesota and Wisconsin coordinate system, south and central zones

1927 North American Datum

To place on the predicted North American Datum 1983, move the projection lines 7 meters north and 15 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			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	29.5276			25	26	27	
10	32.8084			28	29	30	
To convert meters to feet multiply by 3.2808		UTM grid convergence (G) and 1983 magnetic declination (M) at center of map		1 Saint Paul 2 Hastings 3 Eau Claire 4 Faribault 5 Winona 6 Albert Lea 7 Austin 8 La Crosse			
To convert feet to meters multiply by 0.3048		Diagram is approximate					

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; 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.....	
Run; 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.....	
Sink; meadow.....	
Orchard; vineyard.....	

A pamphlet describing topographic maps is available on request

ROCHESTER, MINNESOTA-WISCONSIN
ARTHUR H. ROBINSON MAP LIBRARY A1-PL-100
University of Wisconsin-Madison

1985

NON-CIRCULATING
JAN 16 1987

XB006-9/1 copy 3