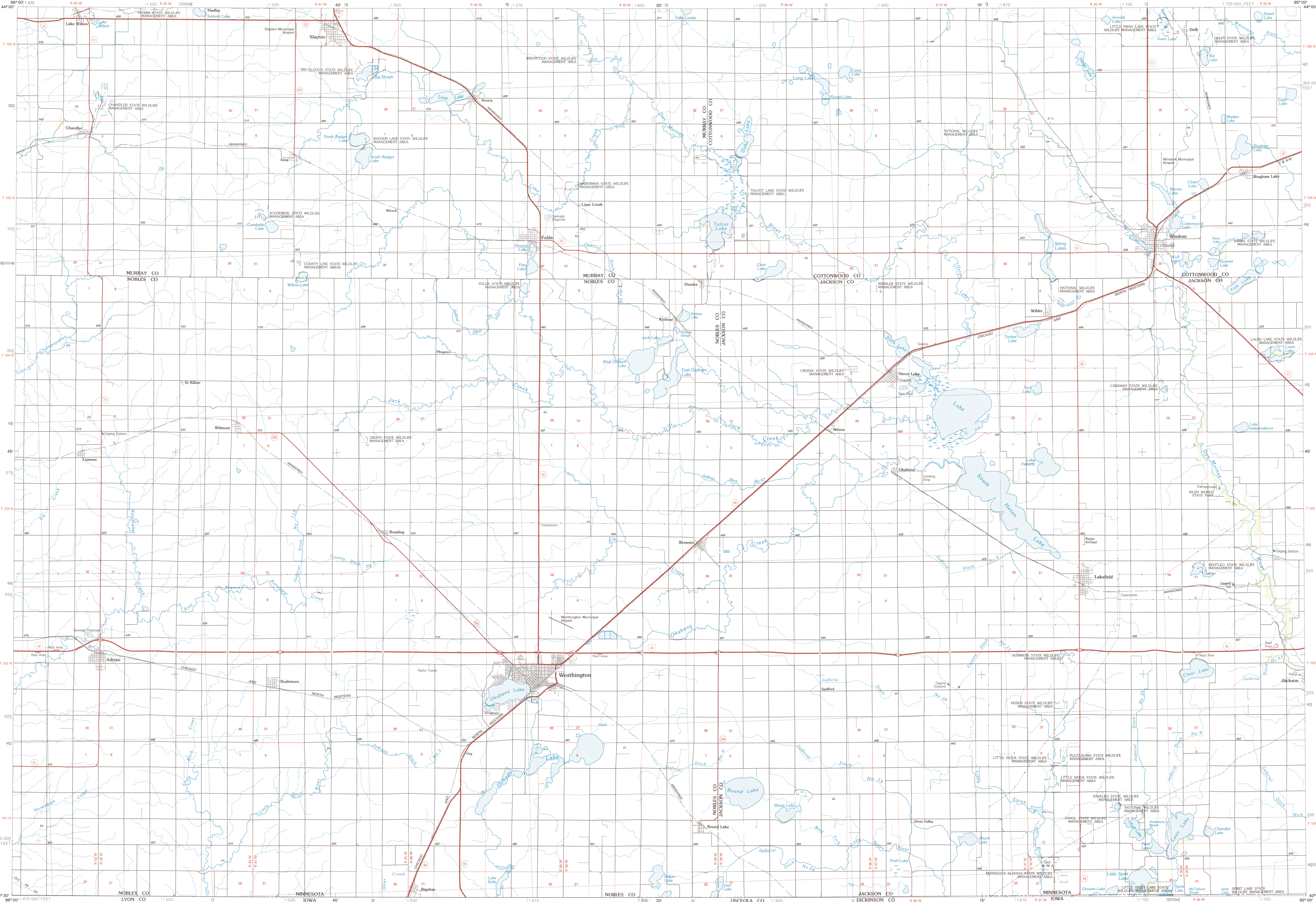


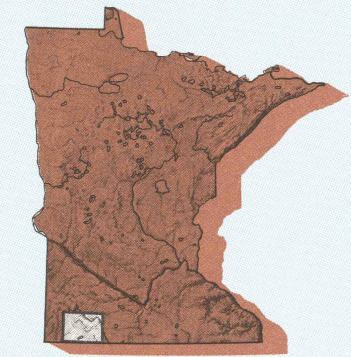
WORTHINGTON, MINNESOTA-IOWA

30 X 60 MINUTE SERIES (PLANIMETRIC)



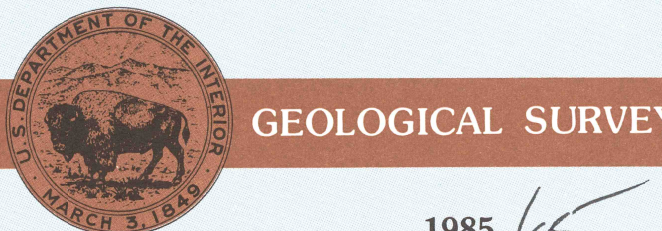
Worthington
MINNESOTA-IOWA

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



Produced by the United States Geological Survey
Compiled from USGS 1:24 000-scale topographic maps dated 1960-1982. Planimetry revised from aerial photographs taken 1980 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 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 23 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																	
3	9.8425																				
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		UTM grid convergence (GN) and 1983 magnetic declination (MN) at center of map Diagram is approximate	<table><tr><td>1</td><td>Brookings</td></tr><tr><td>2</td><td>Tracy</td></tr><tr><td>3</td><td>New Ulm</td></tr><tr><td>4</td><td>Sioux Falls</td></tr><tr><td>5</td><td>Fairmont</td></tr><tr><td>6</td><td>Rock Rapids</td></tr><tr><td>7</td><td>Iowa Great Lakes</td></tr><tr><td>8</td><td>Earlehaven</td></tr></table>			1	Brookings	2	Tracy	3	New Ulm	4	Sioux Falls	5	Fairmont	6	Rock Rapids	7	Iowa Great Lakes	8	Earlehaven
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8	Earlehaven																				
To convert feet to meters multiply by 0.3048																					

FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR 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.....	
Cemetary; picnic area; U.S. location monument.....	
Ruin; 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.....	
Scrub; mangrove.....	
Orchard; vineyard.....	

A pamphlet describing topographic maps is available on request

USGS AND HISTORICAL MAP ARCHIVES