



# Dunn County

Wisconsin County Coordinate System

Projection:	Transverse Mercator
Design Elevation:	304.801 meters (1000 feet) [1280 high, 720 low]
Geoidal Separation:	- 28.78 meters
Origin Longitude:	91° 53' 40"
Origin Latitude:	44° 24' 30"
False Easting:	51,816.104 meters (170,000 feet)
False Northing:	0.00 meters (0.00 feet)
Scale Factor:	0.99999773

## Approximate Ground to Grid Ratios

Rural (worst) .....	1:65,000 .....	T31N, R12W, Sec 35, elev 1280
Urban .....	1:130,000 .....	Menominee
	1:230,000 .....	Colfax, Knapp
	1:470,000 .....	Boyceville
	1:125,000 .....	Ridgeland

Approximate western most coordinate (X) = 102,000 feet  
Approximate southern most coordinate (Y) = 100,000 feet

## Design Comments:

The Dunn County coordinate system was designed in 1991. The transverse Mercator projection centered on the county fits the terrain best.

*(Note: All feet units for the Wisconsin County Coordinate System are U.S. Survey Foot. Please see further discussion of this issue on page 6 of the Summary of Terms section of this handbook.)*