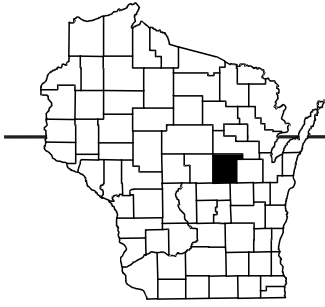


# Waupaca County

Wisconsin County Coordinate System



Projection: Transverse Mercator  
Design Elevation: 274.321 meters (900 feet) [1200 high, 750 low]  
Geoidal Separation: - 36.07 meters  
Origin Longitude: 88° 49' 00"  
Origin Latitude: 43° 25' 13"  
False Easting: 185,013.9701 meters (607,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
Scale Factor: 0.999996

## Approximate Ground to Grid Ratios

Rural (worst).....1:80,000 .....T25N, R13E, Sec 12, high point  
Urban.....1:320,000 .....Waupaca  
1:500,000.....Clintonville, Weyauwega  
1:310,000.....New London

Approximate western most coordinate (X) = 500,000 feet  
Approximate southern most coordinate (Y) = 300,000 feet

## Design Comments:

There is a general rise in elevation from east to west across Waupaca County. The central meridian was moved to the east to accommodate this rise.

*(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.)*