



Florence County

Wisconsin County Coordinate System

Projection: Transverse Mercator
Design Elevation: 426.721 meters (1400 feet) [1720 high, 1020 low]
Geoidal Separation: - 32.87 meters
Origin Longitude: 88° 08' 30"
Origin Latitude: 45° 26' 20"
False Easting: 133,502.6670 meters (438,000 feet)
False Northing: 0.00 meters (0.00 feet)
Scale Factor: 0.9999935

Approximate Ground to Grid Ratios

Rural (worst)1:81,000low point on Menominee River
Urban1:500,000Florence
1:150,000.....Long Lake

Approximate western most coordinate (X) = 300,000 feet
Approximate southern most coordinate (Y) = 100,000 feet

Design Comments:

There is a general rise in elevation from the east to the west. The central meridian was placed 4 miles west of the eastern boundary of the county 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.)