



Forest County

Wisconsin County Coordinate System

Projection: Transverse Mercator
Design Elevation: 487.681 meters (1600 feet) [1920 high, 1260 low]
Geoidal Separation: - 33.16 meters
Origin Longitude: 88° 38' 00"
Origin Latitude: 44° 00' 20"
False Easting: 275,844.5516 meters (905,000 feet)
False Northing: 0.00 meters (0.00 feet)
Scale Factor: 0.999996

Approximate Ground to Grid Ratios

Rural (worst)1:56,000Sugarbush Hill
Urban1:500,000Wabeno
1:500,000Crandon
1:340,000Laona

Approximate western most coordinate (X) = 800,000 feet
Approximate southern most coordinate (Y) = 500,000 feet

Design Comments:

The central meridian was moved east five miles to compensate for a general rise in the elevation from east to west in the county.

(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.)