



Wood County

Wisconsin County Coordinate System

Projection: Lambert Conformal Conic
Design Elevation: 335.281 meters (1100 feet) [1440 high, 930 low]
Geoidal Separation: - 34.63 meters
Origin Longitude: 90° 00' 00"
Origin Latitude: 43° 09' 05"
False Easting: 208,483.6170 meters (684,000 feet)
False Northing: 0.00 meters (0.00 feet)
North Latitude: 44° 32' 40"
South Latitude: 44° 10' 50"

Approximate Ground to Grid Ratios

Rural (worst)1:58,000Powers Bluff
Urban1:500,000Wisconsin Rapids
1:160,000.....Marshfield

Approximate western most coordinate (X) = 600,000 feet
Approximate southern most coordinate (Y) = 400,000 feet

Design Comments:

There is a general rise from south to north in Wood County. The Lambert projection was centered on Wisconsin Rapids.

(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.)