



# 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) .....1:58,000 .....Powers Bluff  
Urban .....1:500,000 .....Wisconsin 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.)*