



# Washburn County

Wisconsin County Coordinate System

Projection: Lambert Conformal Conic  
Design Elevation: 365.761 meters (1200 feet) [1520 high, 940 low]  
Geoidal Separation: - 28.17 meters  
Origin Longitude: 91° 47' 00"  
Origin Latitude: 44° 16' 00"  
False Easting: 234,086.8681 meters (768,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
North Latitude: 46° 09' 00"  
South Latitude: 45° 46' 20"

## Approximate Ground to Grid Ratios

Rural (worst) .....1:74,000 .....T38N, R10W, Sec 6, high point  
Urban .....1:500,000 .....Shell Lake  
1:430,000.....Spooner  
1:230,000.....Minong  
1:160,000.....Birchwood

Approximate western most coordinate (X) = 700,000 feet  
Approximate southern most coordinate (Y) = 500,000 feet

## Design Comments:

The Namekagon River runs east to west through the north central area of the county. Elevations generally rise north and south from the river making the Lambert projection the best choice for 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.)*