



# Sawyer County

Wisconsin County Coordinate System

Projection: Lambert Conformal Conic  
 Design Elevation: 426.721 meters (1400 feet) [1800 high, 1150 low]  
 Geoidal Separation: - 29.27 meters  
 Origin Longitude: 91° 07' 00"  
 Origin Latitude: 44° 48' 50"  
 False Easting: 216,713.2334 meters (711,000 feet)  
 False Northing: 0.00 meters (0.00 feet)  
 North Latitude: 46° 04' 50"  
 South Latitude: 45° 43' 10"

## Approximate Ground to Grid Ratios

Rural (worst) .....1:57,000 .....South edge of county at Chippewa River  
 Urban .....1:150,000 .....Hayward  
                                   1:470,000 .....Winter  
                                   1:180,000 .....Radisson  
                                   1:78,000 .....Exeland

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

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

## Design Comments:

Sawyer County is six miles longer in the east-west direction and a Lambert projection fits the county slightly better than a transverse Mercator projection.

*(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.)*