



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)1:57,000South edge of county at Chippewa River
Urban1:150,000Hayward
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.)