



# St. Croix County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
Design Elevation: 304.801 meters (1000 feet) [1280 high, 680 low]  
Geoidal Separation: - 29.29 meters  
Origin Longitude: 92° 38' 00"  
Origin Latitude: 44° 02' 10"  
False Easting: 165,506.731 meters (543,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
Scale Factor: 0.999995

## Approximate Ground to Grid Ratios

Rural (worst) .....1:67,000 .....T30N, R15W, Sec 25, low point  
Urban .....1:230,000 .....Deer Park  
1:82,000 .....Hudson  
1:300,000 .....New Richmond  
1:500,000 .....River Falls, Somerset  
1:144,000 .....Baldwin  
1:137,000 .....Glenwood City

Approximate western most coordinate (X) = 500,000 feet  
Approximate southern most coordinate (Y) = 300,000 feet

## Design Comments:

The elevations in St. Croix County generally rise eastward from the St. Croix river.  
The central meridian was shifted to the west of center for a best fit.

*(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).*