



# Price County

Wisconsin County Coordinate System

Projection: Transverse Mercator  
Design Elevation: 457.201 meters (1500 feet) [1951 high, 1220 low]  
Geoidal Separation: - 30.31 meters  
Origin Longitude: 90° 29' 20"  
Origin Latitude: 44° 33' 20"  
False Easting: 227,990.8560 meters (748,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
Scale Factor: 0.999998

## Approximate Ground to Grid Ratios

Rural (worst).....1:55,000 .....Timms Hill (highest point in Wisc)  
Urban.....1:500,000 .....Park Falls, Fifield, Phillips, Prentice

Approximate western most coordinate (X) = 700,000 feet  
Approximate southern most coordinate (Y) = 300,000 feet

## Design Comments:

The lowest points in the County are along the west boundary and the highest are along the eastern boundary. The county is longer in the north to south direction which influenced the selection of the 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.)*