



# Pierce County

Wisconsin County Coordinate System

Projection: Lambert Conformal Conic  
Design Elevation: 274.321 meters (900 feet) [1280 high, 680 low]  
Geoidal Separation: - 30.05 meters  
Origin Longitude: 92° 13' 40"  
Origin Latitude: 43° 51' 43"  
False Easting: 167,640.3353 meters (550,000 feet)  
False Northing: 0.00 meters (0.00 feet)  
North Latitude: 44° 45' 00"  
South Latitude: 44° 31' 20"

## Approximate Ground to Grid Ratios

Rural (worst) .....1:58,000 .....T26N, R16W, Sec 12, high point  
Urban .....1:60,000 .....Ellsworth  
1:128,000.....River Falls  
1:91,000.....Prescott  
1:119,000.....Bay City  
1:238,000.....Elmwood, Spring Valley

Approximate western most coordinate (X) = 400,000 feet

Approximate southern most coordinate (Y) = 247,000 feet

## Design Comments:

Pierce County has the same coordinate system as Pepin County. These counties were able to be combined with very little degradation of either county's system.

*(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.)*