



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)1:58,000T26N, R16W, Sec 12, high point
Urban1:60,000Ellsworth
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.)