



Chippewa County

Wisconsin County Coordinate System

Projection: Lambert Conformal Conic
Design Elevation: 304.80 meters (1000 feet) [1530 high, 800 low]
Geoidal Separation: - 29.258 meters
Origin Longitude: 91° 17' 40"
Origin Latitude: 44° 34' 52"
False Easting: 60,045.72009 meters (197,000 feet)
False Northing: 0.00 meters (0.00 feet)
North Latitude: 45° 08' 30"
South Latitude: 44° 48' 50"

Approximate Ground to Grid Ratios

Rural (worst) 1:51,000.....T29N, R10W, Sec 17, high point
Urban 1:200,000Chippewa Falls
1:130,000 Eau Claire
1:180,000 Bloomer, Cornell
1:430,000 Jim Falls, New Auburn
1:100,000 Cadott, Stanley

Approximate western most coordinate (X) = 101,000 feet

Approximate southern most coordinate (Y) = 100,000 feet

Design Comments:

The Lambert projection models the high and low elevation differences better than a transverse Mercator in Chippewa County. The "central parallel" is shifted southward to compensate for the general rise in elevation from south to north. This projection was completed in January 1993.

(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.)