



Chippewa County

Wisconsin County Coordinate System

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

Approximate Ground to Grid Ratios

Rural (worst)	1:51,000.....	T29N, R10W, Sec 17, high point
Urban	1:200,000	Chippewa 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.)