



# Burnett County

Wisconsin County Coordinate System

Projection: Design	Lambert Conformal Conic
Elevation: Geoidal	304.80 meters (1000 feet) [1440 high, 800 low] -
Separation: Origin	26.84 meters
Longitude: Origin	92° 27' 28"
Latitude: False	45° 21' 50"
Easting: False	64,008.12802 meters (210,000 feet)
Northing: North	0.00 meters (0.00 feet)
Latitude: South	46° 05' 00"
Latitude:	45° 42' 50"

## Approximate Ground to Grid Ratios

Rural (worst) .....	1:61,000.....	T37N, R14W, Sec 33, Elev 1440
Urban .....	1:450,000 .....	Siren
	1:240,000 .....	Webster
	1:500,000 .....	Danbury
	1:340,000 .....	Grantsburg

Approximate western most coordinate (X) = 100,000 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 Burnett County. Burnett County has little variation in elevation. Nearly all of the county lies between 900 and 1,100 feet in elevation. The lows lie along the St. Croix River and highs are located in the southeastern township.

*(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.)*