



Trempealeau County

Wisconsin County Coordinate System

Projection: Transverse Mercator
Design Elevation: 274.321 meters (900 feet) [1360 high, 660 low]
Geoidal Separation: - 31.23 meters
Origin Longitude: 91° 22' 00"
Origin Latitude: 43° 09' 40"
False Easting: 256,946.9138 meters (843,000 feet)
False Northing: 0.00 meters (0.00 feet)
Scale Factor: 0.999998

Approximate Ground to Grid Ratios

Rural (worst)1:40,000T20N, R8W, Sec 20, high point
Urban1:500,000Whitehall, Blair
1:119,000.....Trempealeau
1:300,000.....Osseo, Independence
1:220,000.....Arcadia, Strum
1:140,000.....Galesville, Ettrick

Approximate western most coordinate (X) = 778,000 feet

Approximate southern most coordinate (Y) = 300,000 feet

Design Comments:

The design elevation for Trempealeau County was picked below the median elevation because most communities and transportation corridors are at lower elevations.

(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.)