



Vernon County

Wisconsin County Coordinate System

Projection: Lambert Conformal Conic
 Design Elevation: 304.801 meters (1000 feet) [1360 high, 640 low]
 Geoidal Separation: - 32.86 meters
 Origin Longitude: 90° 47' 00"
 Origin Latitude: 43° 08' 50"
 False Easting: 222,504.4450 meters (730,000 feet)
 False Northing: 0.00 meters (0.00 feet)
 North Latitude: 43° 41' 00"
 South Latitude: 43° 28' 00"

Approximate Ground to Grid Ratios

Rural (worst).....1:52,000Northwest corner of County
 Urban.....1:120,000La Farge
 1:66,000.....Viroqua, Stoddard
 1:55,000.....Westby
 1:70,000.....Coon Valley, Ontario, Readstown
 1:500,000.....Hillsboro

Approximate western most coordinate (X) = 600,000 feet
 Approximate southern most coordinate (Y) = 100,000 feet

Design Comments:

The high and low elevations are scattered throughout the county. Because the county is longer in the east-west direction than the north-south direction, the Lambert was selected.

(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.)