

Ashland County

Wisconsin County Coordinate System



Projection:	Transverse Mercator
Design Elevation:	365.76 meters (1200 feet) [1840 high, 600 low]
Geoidal Separation:	- 30.84 meters
Origin Longitude:	90° 37' 20"
Origin Latitude:	45° 42' 22"
False Easting:	172,821.9456 meters (567,000 feet)
False Northing:	0.00 meters (0.00 feet)
Scale Factor:	0.999997

Approximate Ground to Grid Ratios

Rural (worst)	1:29,000	Mt. Whittlesey
Urban	1:30,000	Ashland
	1:144,000	Mellon
	1:54,000	Glidden
	1:58,000	Butternut

Approximate western most coordinate (X) = 500,000 feet

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

Design Comments:

Elevations above 1800 feet on Mt. Whittlesey fall below the 1:30,000 criteria. The southern 26 miles of Ashland County is a 1500 foot plateau while the communities on the shore average 600 feet in elevation. This difference in elevation can not be reconciled by any projection.

(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.)