



# Jackson County

Wisconsin County Coordinate System

Projection:	Lambert Conformal Conic
Design Elevation:	304.801 meters (1000 feet) [1360 high, 700 low]
Geoidal Separation:	- 32.65 meters
Origin Longitude:	90° 44' 20"
Origin Latitude:	43° 47' 40"
False Easting:	125,882.6518 meters (413,000 feet)
False Northing:	0.00 meters (0.00 feet)
North Latitude:	44° 25' 10"
South Latitude:	44° 09' 50"

## Approximate Ground to Grid Ratios

Rural (worst) .....	1:51,000 .....	Southwest corner of County, low point
Urban .....	1:125,000 .....	Black River Falls

Approximate western most coordinate (X) = 300,000 feet  
Approximate southern most coordinate (Y) = 100,000 feet

## Design Comments:

The Lambert projection models the elevation extremes in Jackson County a little better than a transverse Mercator. The eastern "handle" of the county is modeled well with the Lambert.

*(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.)*