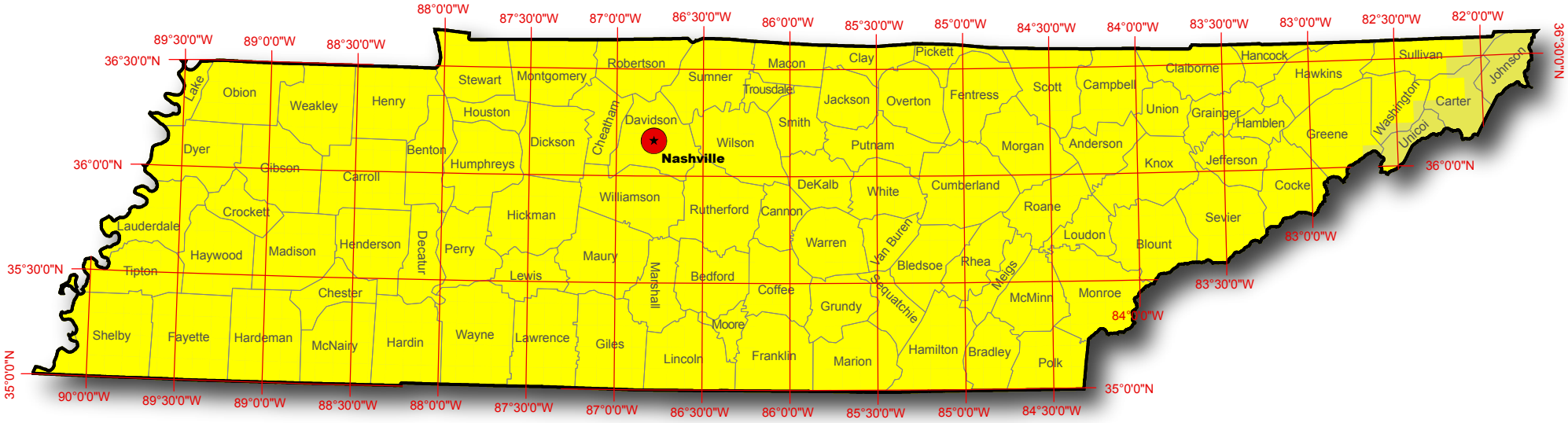
Global Solar Radiation at Latitude Tilt - Annual

Tennessee



Model estimates of monthly average daily total radiation, averaged from hourly estimates of direct normal irradiance over 8 years (1998-2005). The model inputs are hourly visible irradiance from the GOES geostationary satellites, and monthly average aerosol optical depth, precipitable water vapor, and ozone sampled at a 10km resolution.

kWh/m^2/Day

> 9 | 8.5 - 9.0 | 8.0 - 8.5 | 7.5 - 8.0 | 7.0 - 7.5 | 6.5 - 7.0 | 6.0 - 6.5 | 5.5 - 6.0 | 5.0 - 5.5 | 4.5 - 5.0 | 4.0 - 4.5 | 3.5 - 4.0 | 3.0 - 3.5 | 2.5 - 3.0 | 2.0 - 2.5 | < 2

0 30 60 120 Miles

This map was produced by the National Renewable Energy Laboratory for the U.S. Department of Energy. September 25, 2007