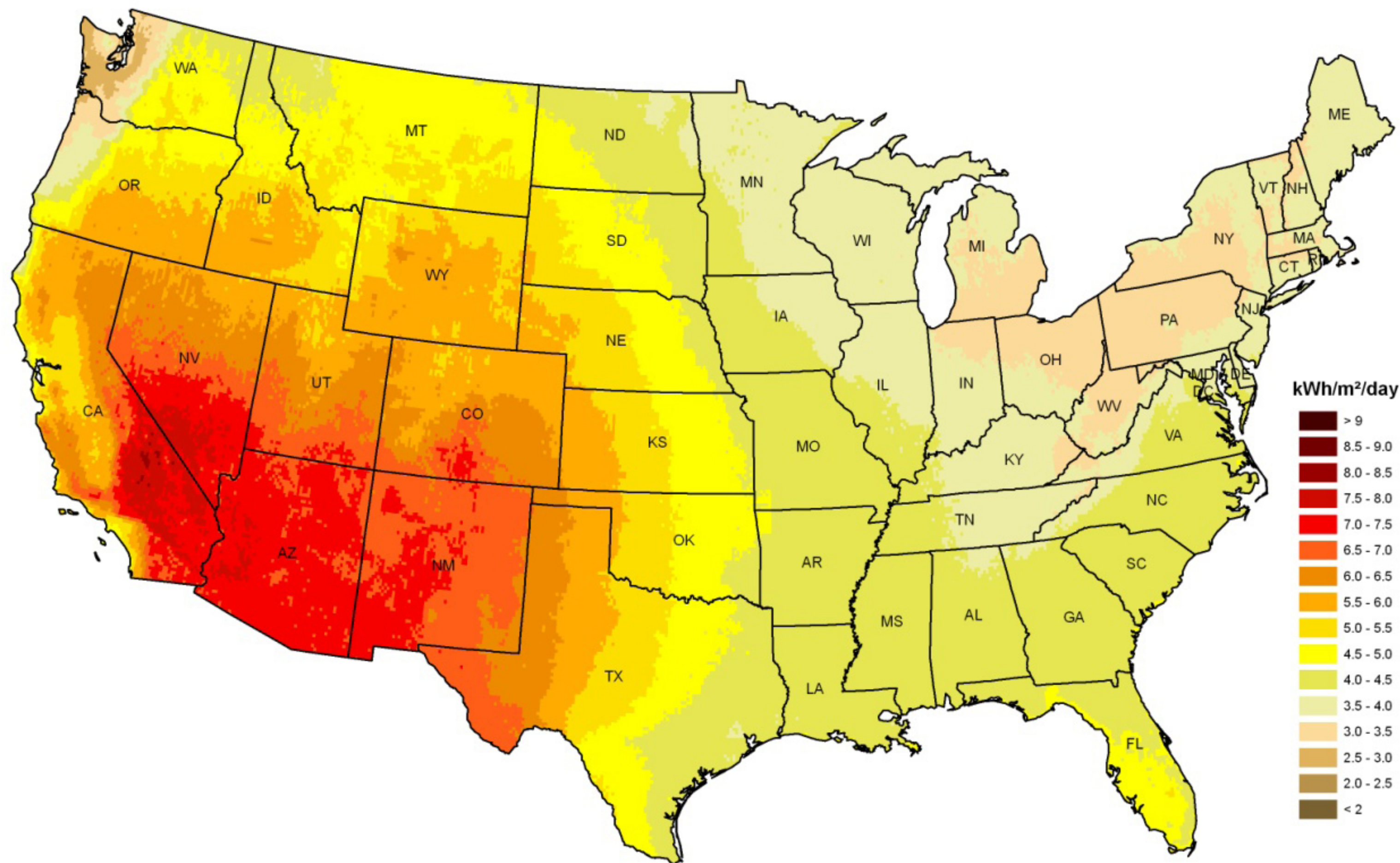


Annual Direct Normal Solar Radiation

8 Year Mean Values (1998-2005) – SUNY 10 km. Satellite Model

JNT000016

10/28/11



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.