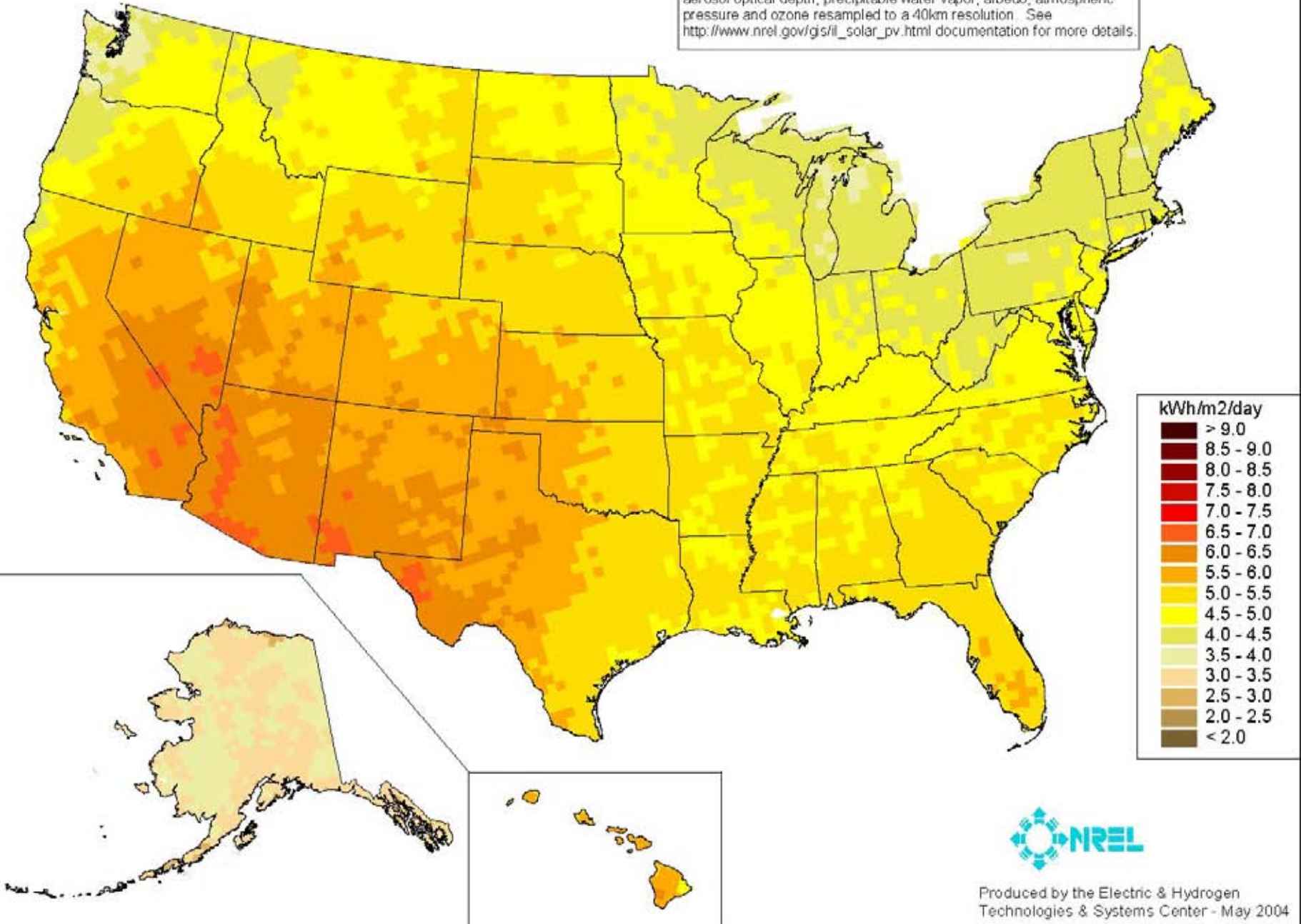


PV Solar Radiation (Flat Plate, Facing South, Latitude Tilt)

Annual

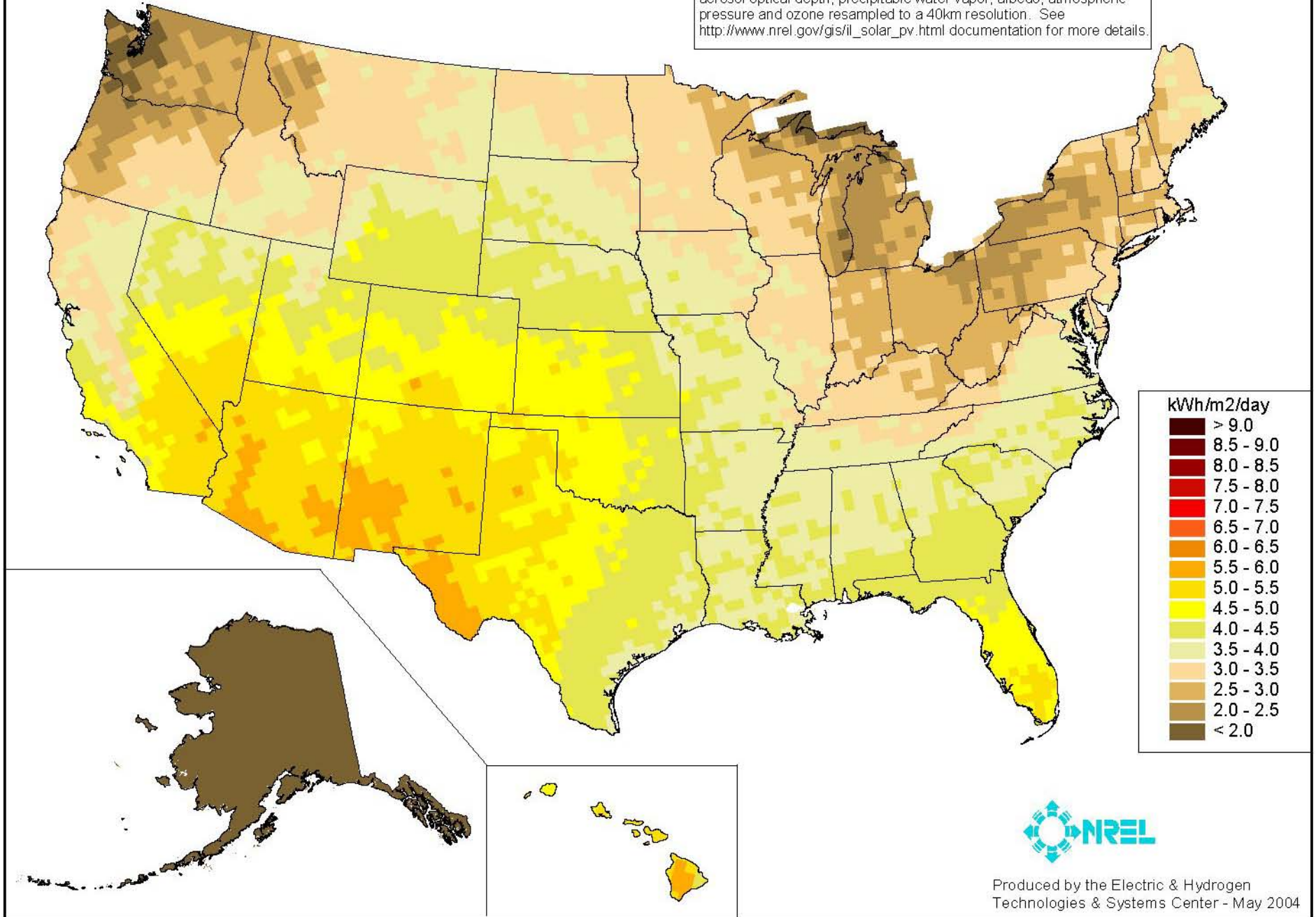
Model estimates of monthly average daily total radiation using inputs derived from satellite and/or surface observations of cloud cover, aerosol optical depth, precipitable water vapor, albedo, atmospheric pressure and ozone resampled to a 40km resolution. See http://www.nrel.gov/gis/til_solar_pv.html documentation for more details.



PV Solar Radiation (Flat Plate, Facing South, Latitude Tilt)

January

Model estimates of monthly average daily total radiation using inputs derived from satellite and/or surface observations of cloud cover, aerosol optical depth, precipitable water vapor, albedo, atmospheric pressure and ozone resampled to a 40km resolution. See http://www.nrel.gov/gis/il_solar_pv.html documentation for more details.

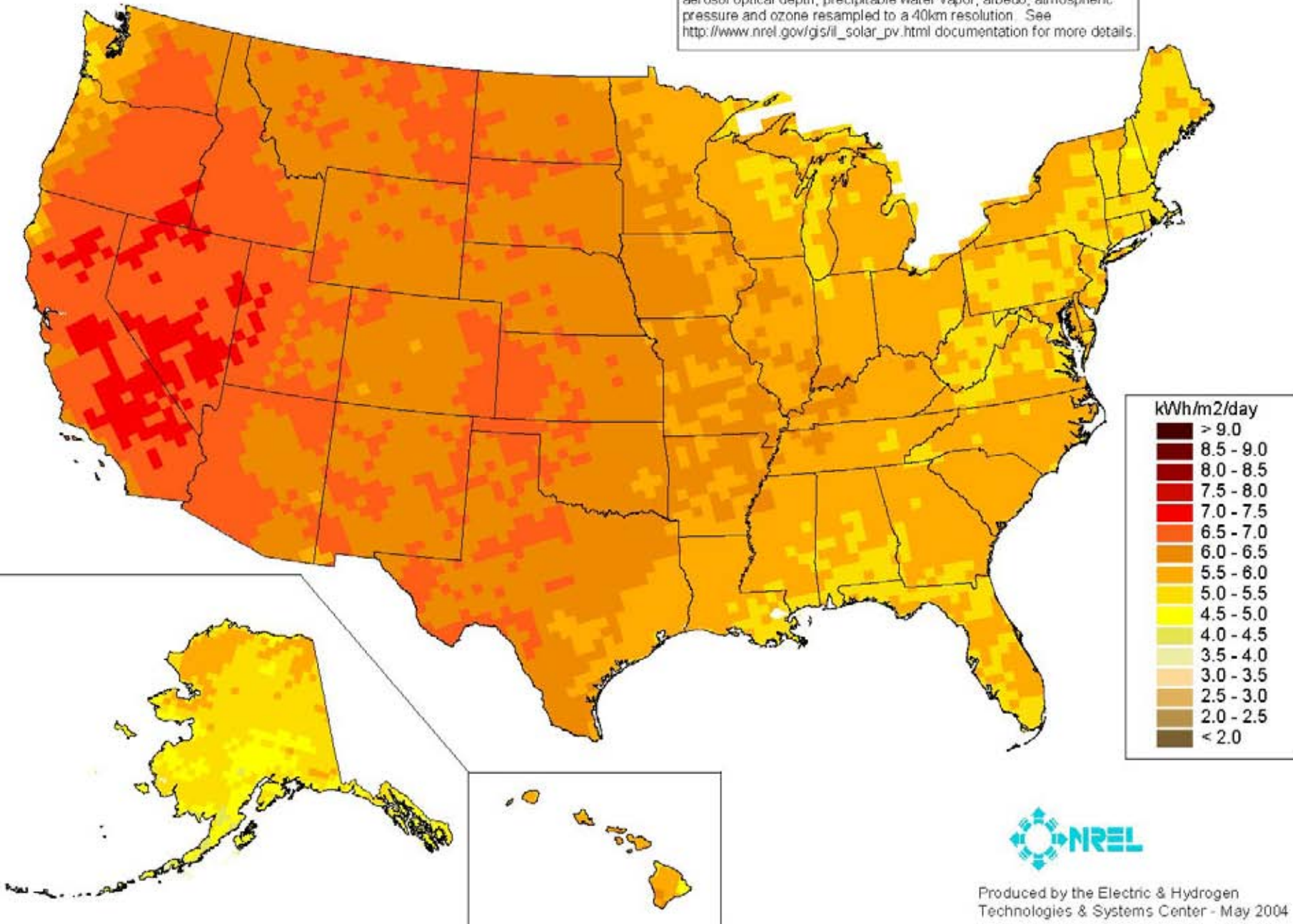


Produced by the Electric & Hydrogen
Technologies & Systems Center - May 2004

PV Solar Radiation (Flat Plate, Facing South, Latitude Tilt)

July

Model estimates of monthly average daily total radiation using inputs derived from satellite and/or surface observations of cloud cover, aerosol optical depth, precipitable water vapor, albedo, atmospheric pressure and ozone resampled to a 40km resolution. See http://www.nrel.gov/gis/il_solar_pv.html documentation for more details.



Typical Weekly Output (in amps)

Using the maps on the previous pages and the chart below, you can determine approximately how much power (amps) your new RV Solar Kit will produce at any location across the United States where you will be traveling to or camping.

Please keep this booklet for your reference.

Solar Radiation --->	3	4	5	6	7
RV-409	21	28	35	42	49
RV-419	42	56	70	84	98
40W RV Solar Kit	53	70	88	105	123
80W RV Solar Kit	105	140	175	210	245
110W RV Solar Kit	134	179	224	269	314
220W RV Solar Kit	269	358	448	538	627
330W RV Solar Kit	403	538	672	806	941