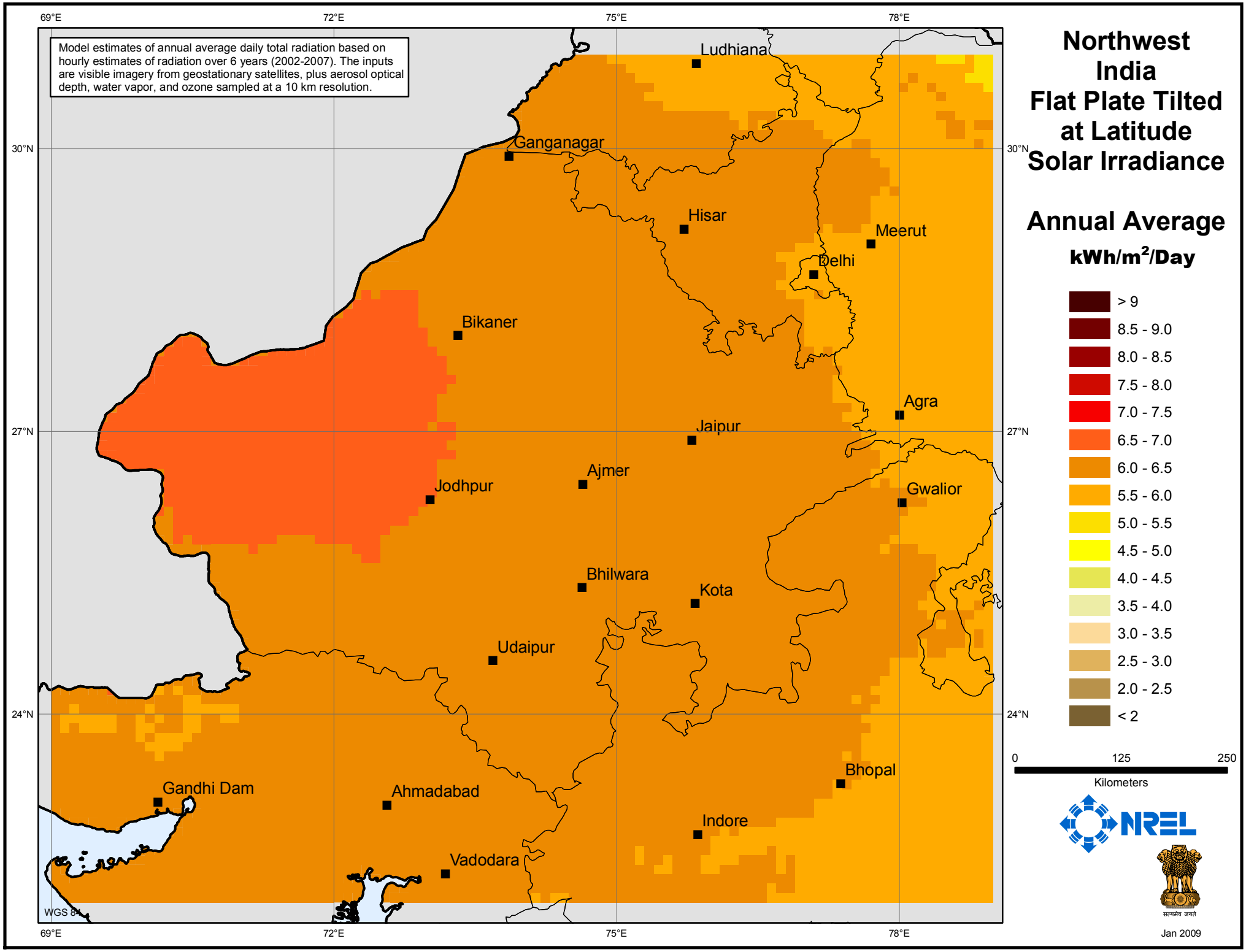
Northwest India
Flat Plate Tilted at Latitude
Solar Irradiance
Annual Average
kWh/m2/Day
> 9
8.5 - 9.0
8.0 - 8.5
7.5 - 8.0
7.0 - 7.5
6.5 - 7.0
6.0 - 6.5
5.5 - 6.0
5.0 - 5.5
4.5 - 5.0
4.0 - 4.5
3.5 - 4.0
3.0 - 3.5
2.5 - 3.0
2.0 - 2.5
< 2
0
125
250
Kilometers
Model estimates of annual average daily total radiation based on hourly estimates of radiation over 6 years (2002-2007). The inputs are visible imagery from geostationary satellites, plus aerosol optical depth, water vapor, and ozone sampled at a 10 km resolution.
69°E
72°E
75°E
78°E
30°N
27°N
24°N
Ludhiana
Ganganagar
Hisar
Meerut
Delhi
Bikaner
Agra
Jaipur
Ajmer
Jodhpur
Gwalior
Bhilwara
Kota
Udaipur
Bhopal
Gandhi Dam
Ahmadabad
Indore
Vadodara
WGS 84
NREL
सत्यमेव जयते
Jan 2009