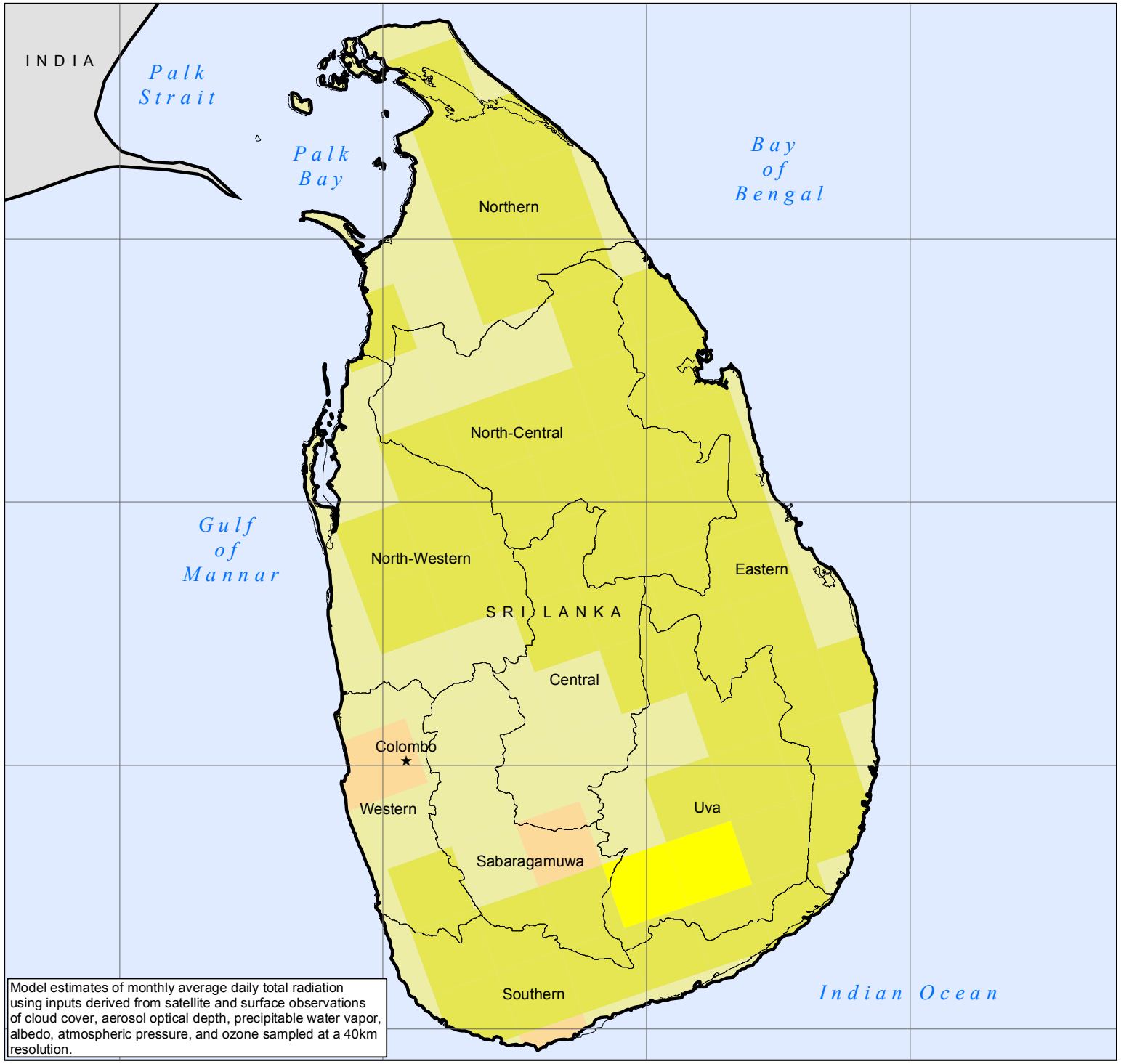
Direct Normal Solar Radiation

Annual



Model estimates of monthly average daily total radiation using inputs derived from satellite and surface observations of cloud cover, aerosol optical depth, precipitable water vapor, albedo, atmospheric pressure, and ozone sampled at a 40km resolution.

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 25 50 100
Kilometers

NREL

Global Environment Facility

UNEP

AM/dir_sl/JULY04