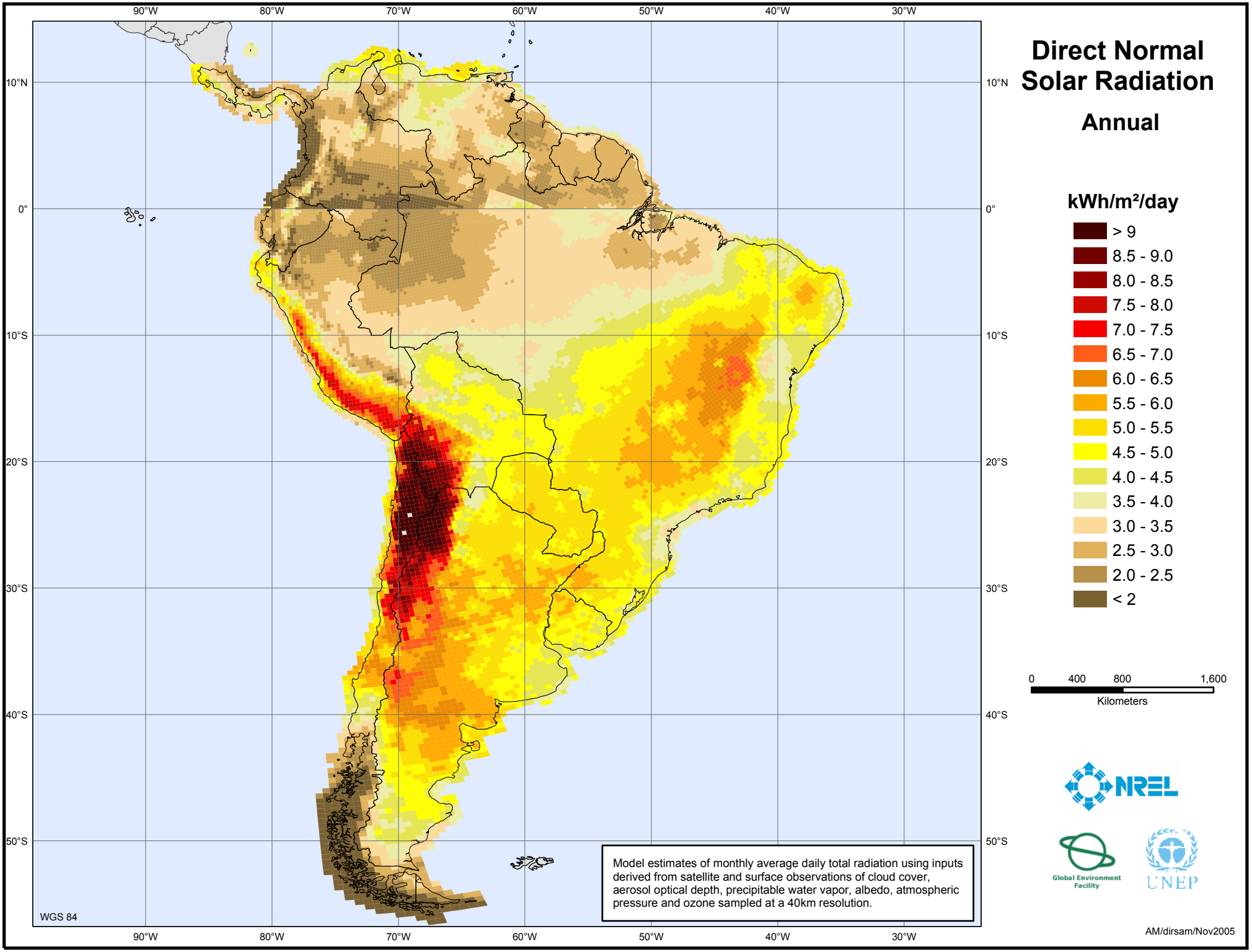
Direct Normal Solar Radiation
Annual
kWh/m²/day
> 9
8.5 - 9.0
8.0 - 8.5
7.5 - 8.0
7.0 - 7.5
6.5 - 7.0
6.0 - 6.5
5.5 - 6.0
5.0 - 5.5
4.5 - 5.0
4.0 - 4.5
3.5 - 4.0
3.0 - 3.5
2.5 - 3.0
2.0 - 2.5
< 2
0 400 800 1,600
Kilometers
90°W 80°W 70°W 60°W 50°W 40°W 30°W
10°N 0° 10°S 20°S 30°S 40°S 50°S
Model estimates 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.
WGS 84
NREL
Global Environment Facility
UNEP
AM/dirsam/Nov2005