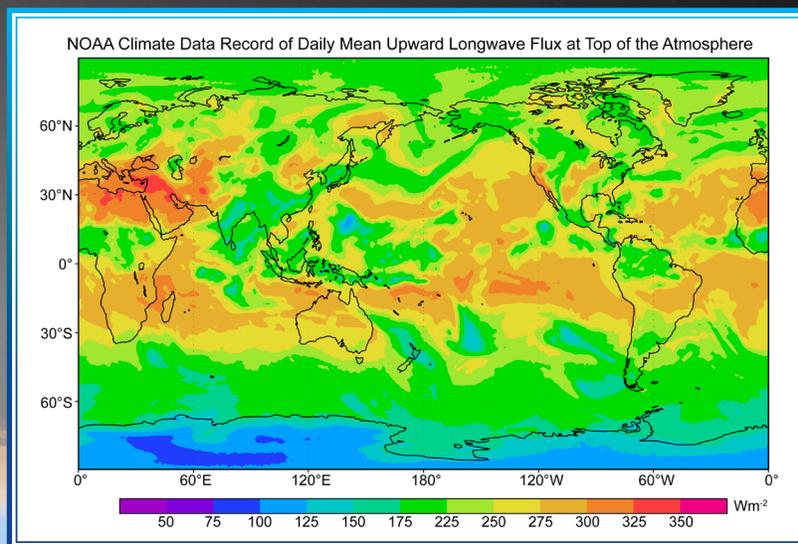


NOAA's Climate Data Record (CDR) Program

OUTGOING LONGWAVE RADIATION - DAILY

OLR - Daily



OLR - DAILY CLIMATE DATA RECORD SPECIFICATIONS

- Global Coverage
- 1.0x1.0 Degree Equal-Angle Grid
- Daily Mean Product
- 1979 – Present
- Updated Quarterly
- Interim CDR Available within 48 Hours of Observation

INPUTS TO THE OLR - DAILY CLIMATE DATA RECORD

- High-resolution Infrared Radiation Sounder (HIRS) Level-1b Data
- GridSat Geostationary Imager Brightness Temperatures
- GSIP (GOES Surface and Insolation Product) for Interim CDR
- OLR Regression Coefficients
- Calibration Prediction Coefficients
- Inter-satellite Bias Corrections

SOME USES OF THE OLR - DAILY CLIMATE DATA RECORD

- Input into Radiation Budget Studies
- Verifying Numerical Models
- Studying Short-Term and Long-Term Climate Variability
- Preparing Diagnostics and Forecasts of the MJO and Tropical Waves
- Analyzing and Predicting Global Precipitation Patterns
- Predicting Global Tropical Cyclone Activity

OLR - DAILY CLIMATE DATA RECORD

<http://www.ncdc.noaa.gov/cdr/operationalcdrs.html>

CLIMATE DATA RECORD PROGRAM INFORMATION

<http://www.ncdc.noaa.gov/cdr/index.html>

