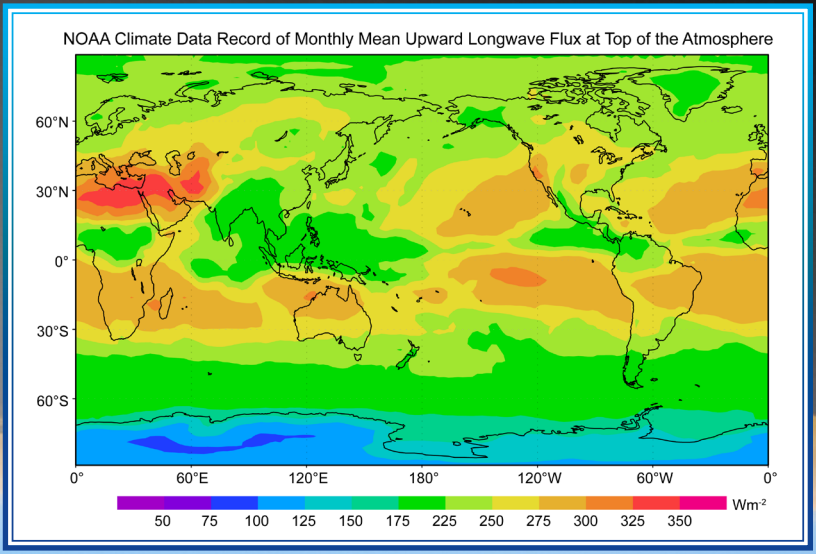
NOAA's Climate Data Record (CDR) Program

Outgoing Longwave Radiation - Monthly

OLR - Monthly



OLR - Monthly Climate Data Record Specifications

- Global Coverage
- 2.5x2.5 Degree Equal-Angle Grid
- Monthly Mean Product
- 1979 – Present
- Updated Monthly

Inputs to the *OLR - Monthly* Climate Data Record

- High-resolution Infrared Radiation Sounder (HIRS) Level-1b Data
- OLR Regression Coefficients
- Inter-Satellite Bias Corrections
- Instrument Ambient Temperature Prediction Coefficients

Some Uses of the *OLR - Monthly* Climate Data Record

- Input into Radiation Budget Studies
- Verifying Numerical Models
- Studying Long-Term Climate Variability
- Analyzing Tropical Expansion Rate
- Preparing MJO Diagnostics and Forecasts
- Creating Global Precipitation Time Series

OLR - Monthly Climate Data Record

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

Climate Data Record Program Information

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