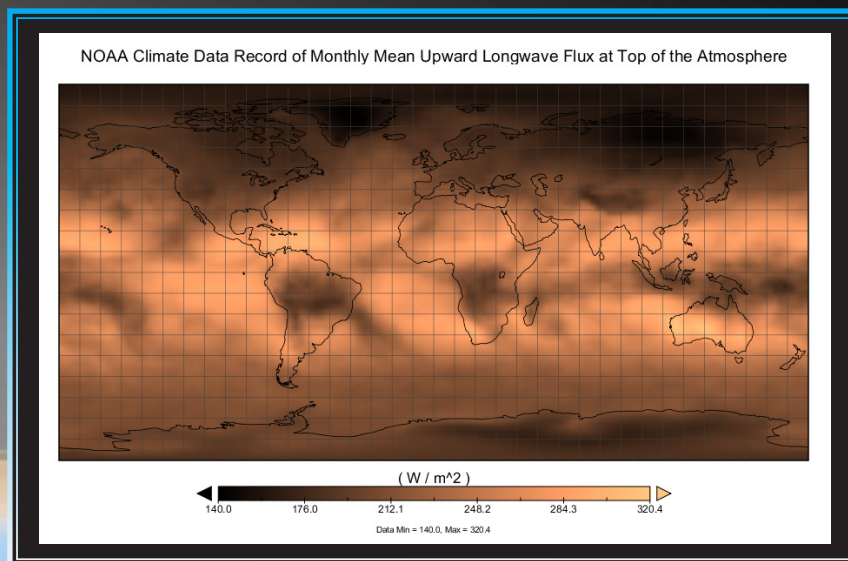


NOAA's Climate Data Record (CDR) Program

HIRS OUTGOING LONGWAVE RADIATION

OLR



OLR CLIMATE DATA RECORD SPECIFICATIONS

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

INPUTS TO THE OLR 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 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 CLIMATE DATA RECORD

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

CLIMATE DATA RECORD PROGRAM INFORMATION

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

