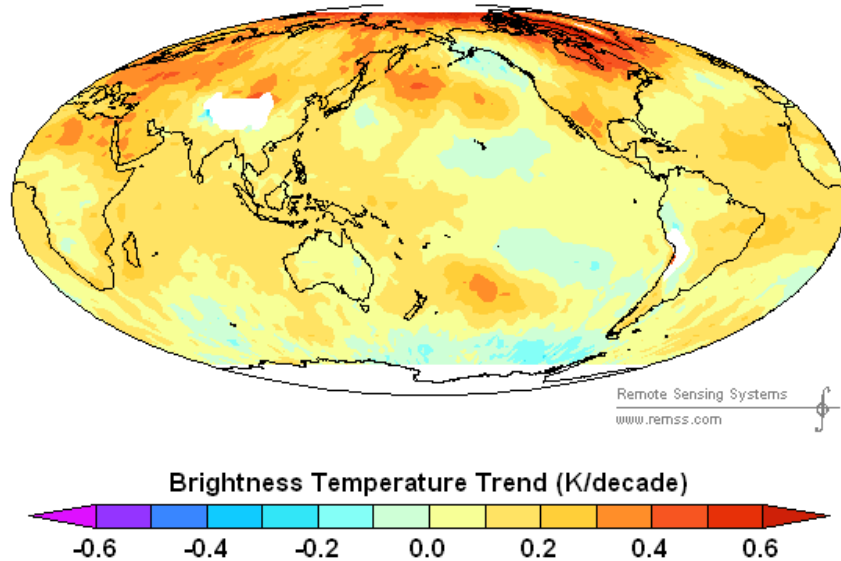


NOAA's Climate Data Record (CDR) Program

REMOTE SENSING SYSTEMS (RSS) MSU/AMSU-A MEAN LAYER ATMOSPHERIC TEMPERATURES

RSS MLT

MSU/AMSU Channel TLT Brightness Temperature Trend (1979-2012)



RSS MLT CLIMATE DATA RECORD SPECIFICATIONS

- Global Coverage
- 2.5x2.5 Degree Equal-Angle Grid
- Four Channels (Layers)
- 1978–Present
- Updated Monthly

SOME USES OF THE RSS MLT CLIMATE DATA RECORD

- Detecting Climate Variability and Change
- Verifying and Validating Climate Models
- Identifying Climate Extremes
- Monitoring Stratospheric Warming/ Cooling

INPUTS TO THE RSS MLT CLIMATE DATA RECORD

- Historical Microwave Sounding Unit (MSU) Data
- Advanced Microwave Sounding Unit (AMSU-A) Data

RSS MLT CLIMATE DATA RECORD

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

CLIMATE DATA RECORD PROGRAM INFORMATION

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

