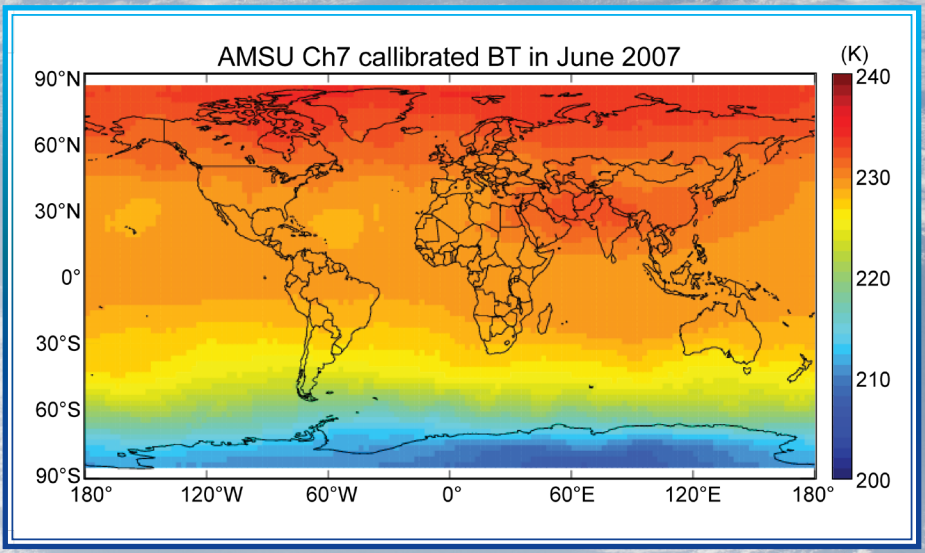
NOAA's Climate Data Record (CDR) Program

AMSU-A Ch 7 Brightness Temperatures

AMSU-A



AMSU-A Climate Data Record Specifications

- Global Coverage
- 144 x 72 Grid
- Monthly Time Steps
- 2001–present
- Updated Quarterly

Inputs to the *AMSU-A* Climate Data Record

- Daily GPS RO and RO Identified RAOB Temperature Profiles
- Daily AMSU-A channel 7 Brightness Temperatures
  — Sensor Viewing Angle
  — Quality Flags

Some Uses of the *AMSU-A* Climate Data Record

- Study Long-Term Climate Change
- Initializing Climate Models
- Improving Reprocessing and Reanalysis of Other Datasets
- Improvement of Predictions in Multiple Timeseries

AMSU-A Climate Data Record

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

Climate Data Record Program Information

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