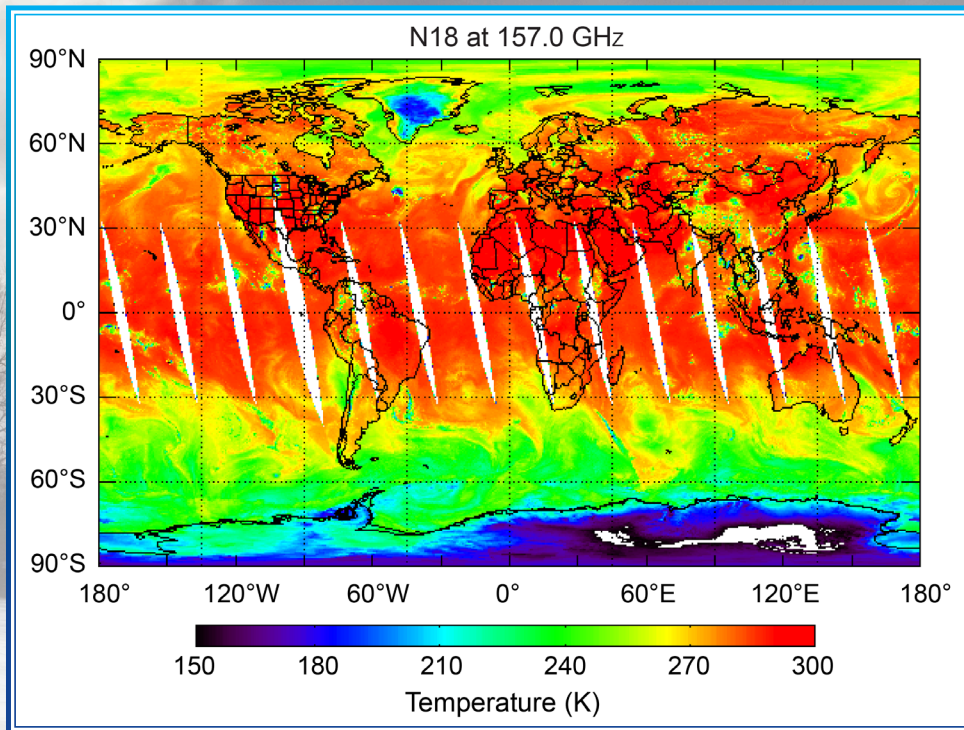




AMSU-B/MHS

BRIGHTNESS TEMPERATURE



CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage
- 16km nadir resolution for each channel
- 102 minutes per orbit
- 2000–present
- Preliminary data updated monthly
- Final data updated annually

VARIABLES TO THIS CLIMATE DATA RECORD

- NOAA Advanced Microwave Sounding Unit-B (AMSU-B) (89.0, 150.0, 183+1, 183+3, 183+7 GHz) and Microwave Humidity Sounder (MHS) level 1b radiances (89.0, 157.0, 183+1, 183+3, 190.3 GHz)
- MHS Brightness Temperatures (89, 157, 190 GHz)

SOME USES OF THIS CLIMATE DATA RECORD

- Input into hydrological products to derive global precipitation, ice water, snow cover and snow water equivalent
- Long-term global climate applications

AMSU-B/MHS BRIGHTNESS TEMPERATURE:

<https://www.ncdc.noaa.gov/cdr/fundamental/amsu-bmhs-brightness-temperature>

CLIMATE DATA RECORD INFORMATION:

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

NOAA's Climate Data Record (CDR)

