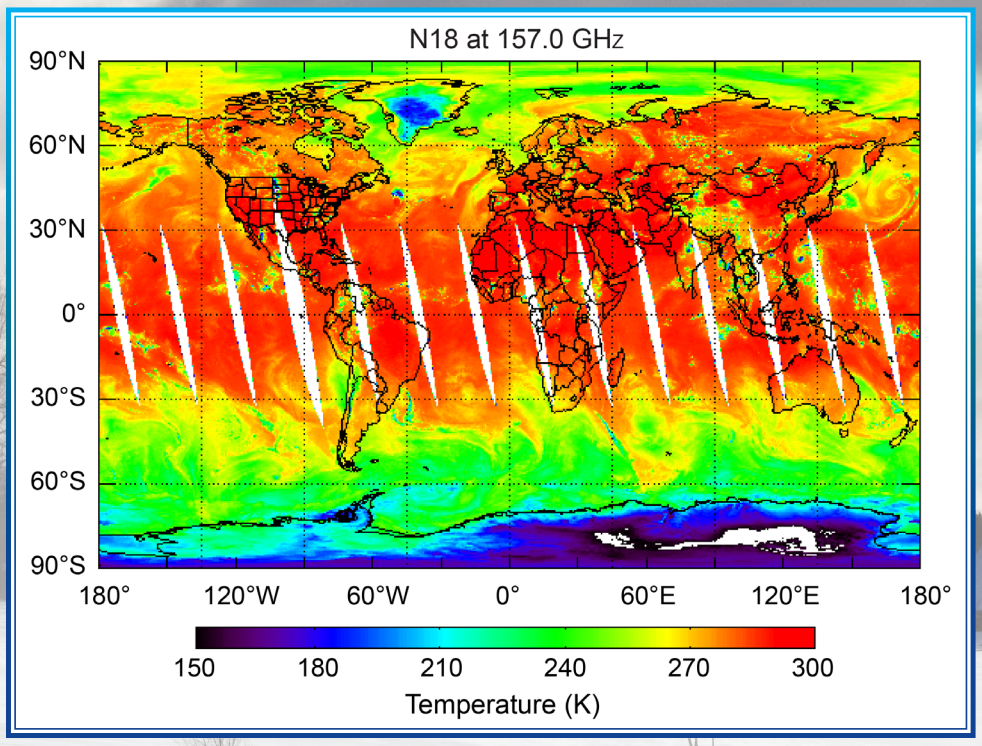
AMSU-B/MHS Brightness Temperature



Climate Data Record Specifications

- Global coverage
- 16 km nadir resolution for each channel
- 102 minutes per orbit
- 2000–present
- Updated monthly

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-b-mhs-brightness-temperature

Climate Data Record Information:

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