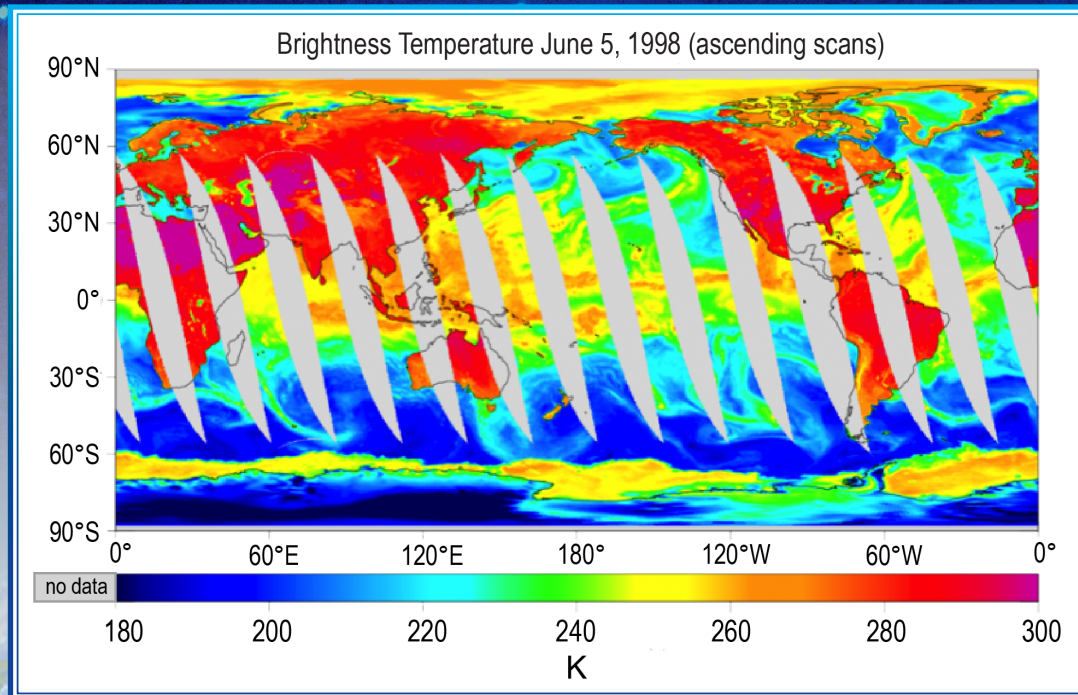


# SSMI(S) BRIGHTNESS TEMPERATURE - CSU



## CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage
- Varies by sensor and channel (5km to 70km)
- 0.25° grid per 101 min. orbit
- 1987–present
- Preliminary data updated daily
- Final data updated annually

## VARIABLES TO THIS

### CLIMATE DATA RECORD

- SSMI Brightness Temperature (19.35–85.5 GHz)
- SSMIS Brightness Temperature (19.35–91.655; 150; 183±7–183±1 GHz)
- AMSR2 Brightness Temperature (10.7–89.0 GHz)

## SOME USES OF THIS

### CLIMATE DATA RECORD

- Input into precipitation products
- Determining sea surface winds
- Calculating sea ice extent and snow cover
- Long-term global climate applications
- Estimating cloud liquid water

## SSMI(S) BRIGHTNESS TEMPERATURE - CSU

<https://www.ncei.noaa.gov/products/climate-data-records/ssmis-brightness-temperature-csu>

## CLIMATE DATA RECORD

### PROGRAM INFORMATION

<https://www.ncei.noaa.gov/products/climate-data-records>

# NOAA's Climate Data Record (CDR)