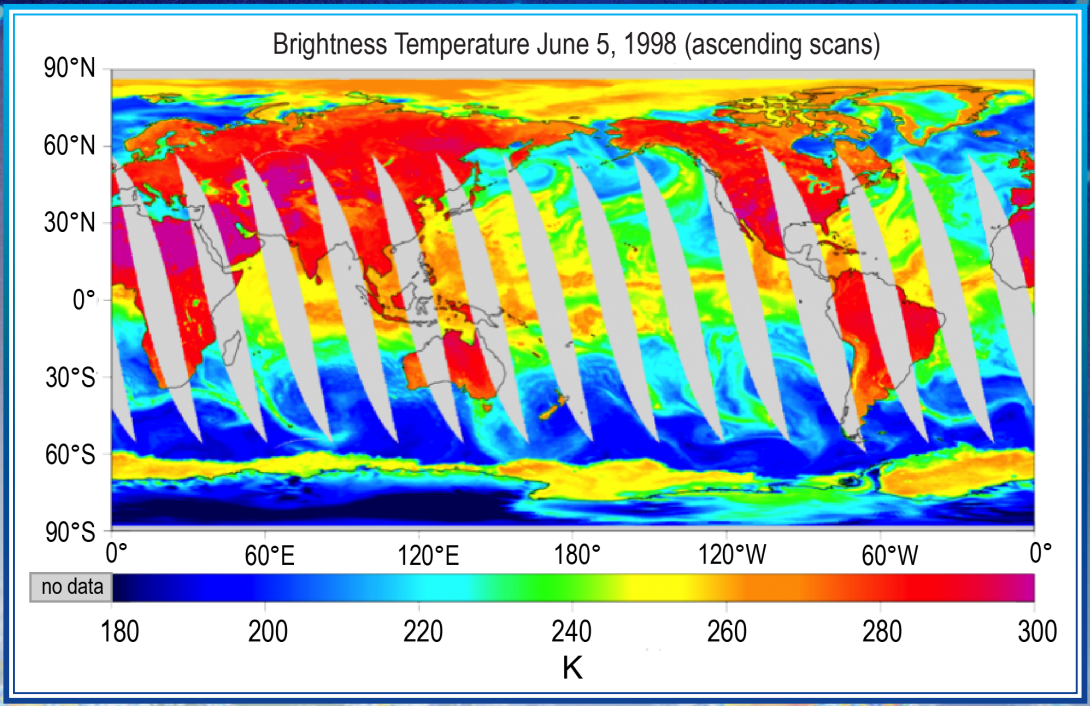
SSMI(S) Brightness Temperature - CSU



Climate Data Record Specifications

- Global coverage
- Swath resolution varies by channel (14 x 16km, 45 x 70km)
- Grid 101 minutes per 0.25 degree orbit
- 1987–present
- Preliminary data updated daily
- Final data updated annually

Variables to this Climate Data Record

- Brightness temperature (Ch1–11)
- Brightness temperature (Ch12–18)
- Brightness temperature (Ch19–24)

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.ncdc.noaa.gov/cdr/fundamental/ssmis-brightness-temperature-csu

Climate Data Record Program Information

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