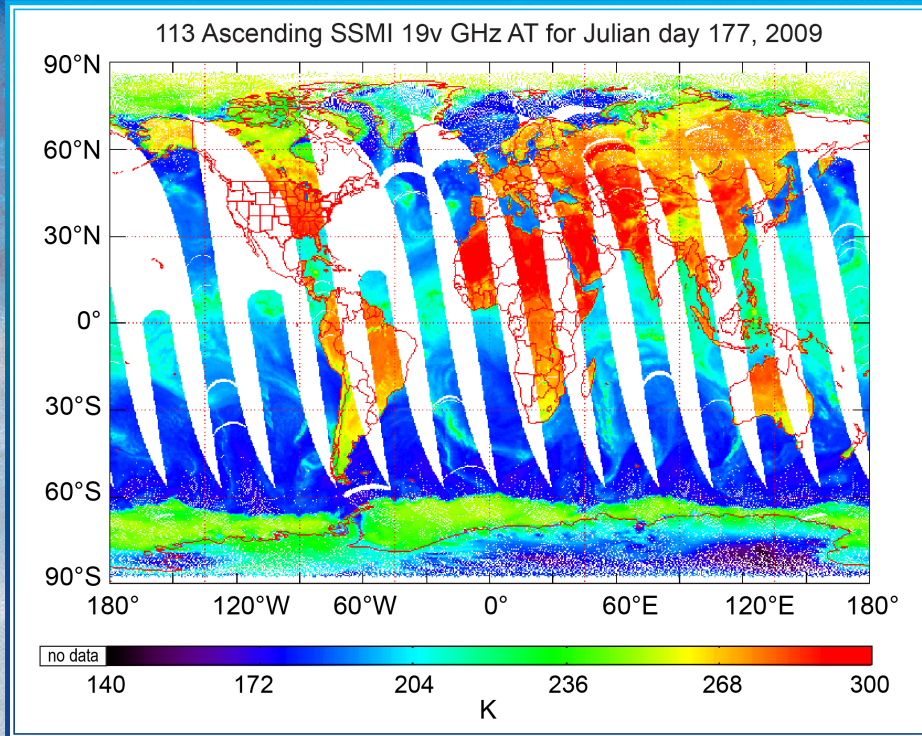


SSMI(S) BRIGHTNESS TEMPERATURE - RSS



CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage
- Resolution varies by channel (14 x 16km, 45 x 70km)
- 101 minutes per orbit
- 1987–present
- Updated monthly

VARIABLES TO THIS CLIMATE DATA RECORD

- Brightness temperature (Ch12)
- Brightness temperature (Ch14)
- Brightness temperature (Ch15)
- Brightness temperature (Ch16)
- Brightness temperature (Ch17)
- Brightness temperature (Ch18)

SOME USES OF THIS CLIMATE DATA RECORD

- Input into precipitation products (e.g., GPCP, PPS)
- Determining sea surface winds
- Calculating sea ice extent
- Input into hydrological products
- Estimating cloud liquid water

SSMI(S) BRIGHTNESS TEMPERATURE - RSS

<https://www.ncdc.noaa.gov/cdr/fundamental/ssmis-brightness-temperature-rss>

CLIMATE DATA RECORD PROGRAM INFORMATION

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

NOAA's Climate Data Record (CDR)



www.climate.gov
www.ncdc.noaa.gov