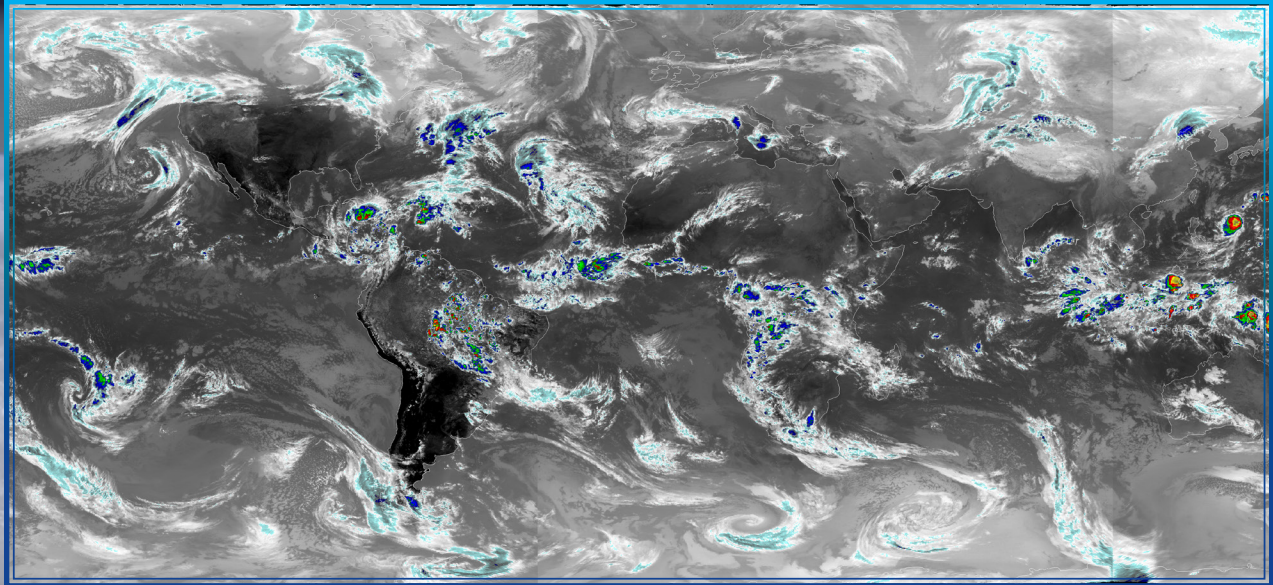


GEOSTATIONARY IR CHANNEL

BRIGHTNESS TEMPERATURE – GRIDSAT B1



CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage (70°S–70°N)
- 8km resolution
- 3-hourly product
- 1980–present
- Updated quarterly

VARIABLES TO THIS

CLIMATE DATA RECORD

- Brightness temperature (near 11 microns)
- Brightness temperature (near 6.7 microns)
- Visible reflectance (near 0.6 microns)

SOME USES OF THIS

CLIMATE DATA RECORD

- Input into precipitation products
- Applying data to cloud products
- Input into surface radiation products
- Monitoring tropical convection
- Estimating surface temperatures and precipitation in data-sparse regions

GEOSTATIONARY IR CHANNEL

BRIGHTNESS TEMPERATURE - GRIDSAT B1

<https://www.ncdc.noaa.gov/cdr/fundamental/geostationary-ir-channel-brightness-temperature-gridsat-b1>

CLIMATE DATA RECORD

INFORMATION:

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

NOAA's Climate Data Record (CDR)



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