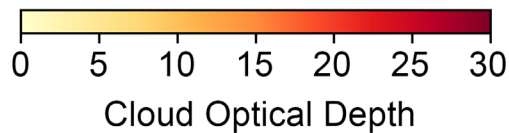
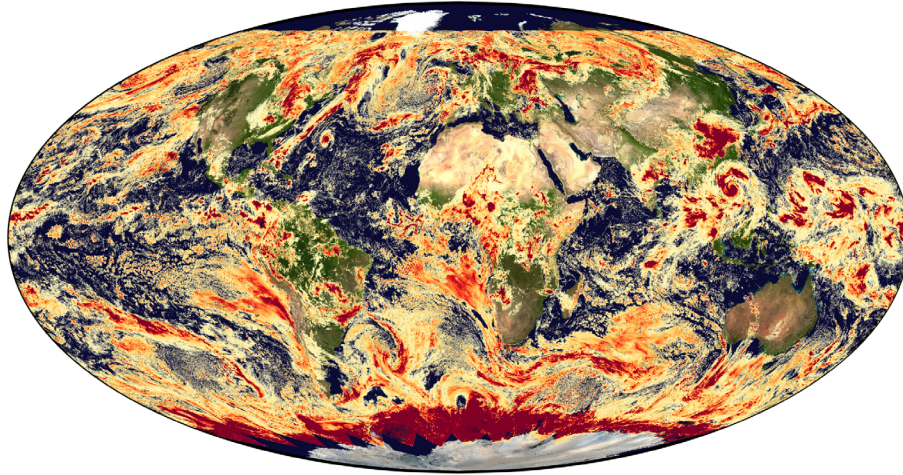


PATMOS-x Cloud Properties



CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage
- 0.1 x 0.1 degree equal-angle grid
- Daily orbital product
- 1979–present
- Preliminary data updated daily
- Final data updated annually

VARIABLES TO THIS

CLIMATE DATA RECORD

- Cloud optical depth
- Cloud particle size
- Cloud top temperature
- Cloud height
- Cloud emissivity
- Cloud-top pressure
- Cloud type
- Cloud fraction
- Total precipitable water

SOME USES OF THIS

CLIMATE DATA RECORD

- Detecting and studying climate variability
- Input for solar energy production studies
- Applying data to hydrology studies
- Verifying and validating climate models
- Input for aviation safety studies

PATMOS-x CLOUD PROPERTIES

<https://www.ncei.noaa.gov/products/climate-data-records/avhrr-hirs-cloud-properties-patmos>

CLIMATE DATA RECORD INFORMATION:

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

NOAA's Climate Data Record (CDR)