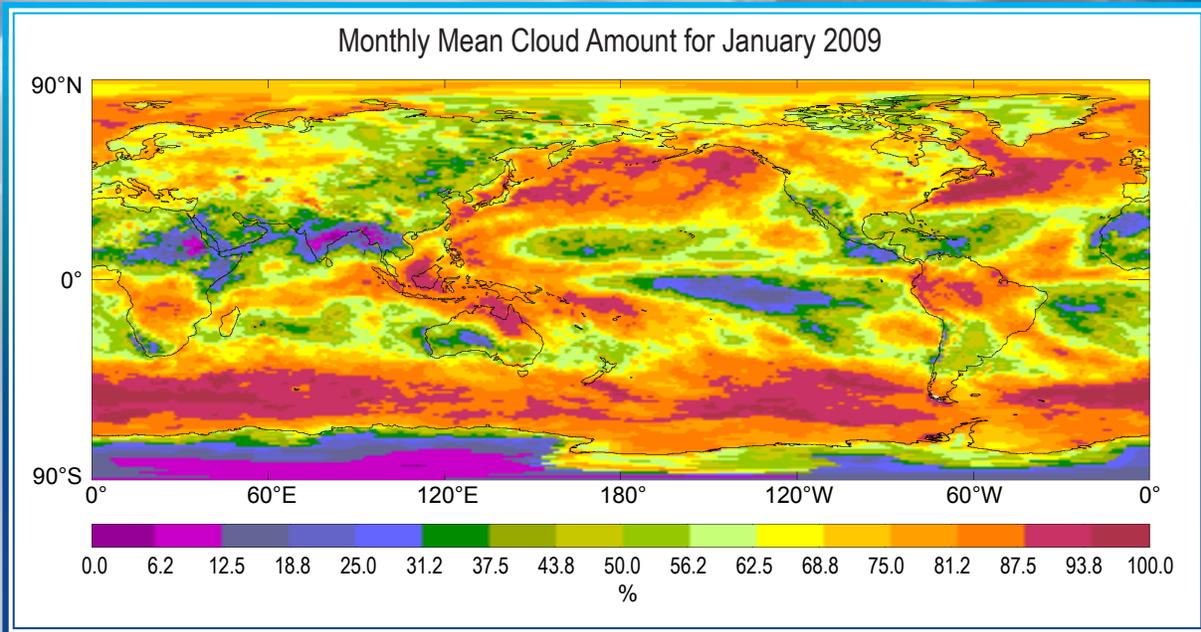




CLOUD PROPERTIES - ISCCP (INTERNATIONAL SATELLITE CLOUD CLIMATOLOGY PROJECT)



CLIMATE DATA RECORD SPECIFICATIONS

- Global coverage
- Temporal resolution is every three hours
- Collection of products provides Level 2 (instantaneous) cloud properties and Level 3 products
- Jul 1983–Dec 2009
- Updated annually

VARIABLES TO THIS CLIMATE DATA RECORD

Includes over 200 variables on cloud and radiative properties of the atmosphere and surface. Cloud properties include:

- Cloud amount
- Cloud top temperature
- Cloud top pressure
- Cloud optical thickness
- Cloud water path
- Cloud type

SOME USES OF THIS CLIMATE

DATA RECORD

- Evaluate cloud variabilities and cloud properties
- Inform solar radiation industry via radiative flux products
- Derive global precipitation and other hydrological products
- Assess long-term global and regional climate analysis applications such as monitoring, model assimilation, and validation

CLOUD PROPERTIES – ISCCP

<https://www.ncdc.noaa.gov/cdr/atmospheric/cloud-properties-isccp>

CLIMATE DATA RECORD INFORMATION:

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



NOAA's Climate Data Record (CDR)

www.climate.gov
www.ncei.noaa.gov