HYDROLOGICAL PROPERTIES

CLIMATE DATA RECORD SPECIFICATIONS
- Global coverage
- 16 and 48km product resolution at nadir
- 102 minutes per orbit
- 2000–present
- Preliminary data updated monthly
- Final data updated annually

VARIABLES TO THIS CLIMATE DATA RECORD
- Cloud liquid water
- Total precipitable water
- Sea ice concentration
- Emissivity
- Surface temperature
- Ice water path
- Rain rate
- Snow cover
- Snow water equivalent

SOME USES OF THIS CLIMATE DATA RECORD
- Combined with similar hydrological product suites, provides a more complete and accurate data set
- Validating climate model simulations
- Identifying climate extremes
- Validating other observations

HYDROLOGICAL PROPERTIES:
https://www.ncdc.noaa.gov/cdr/atmospheric/hydrological-properties

CLIMATE DATA RECORD INFORMATION:
http://www.ncdc.noaa.gov/cdr

NOAA’s Climate Data Record (CDR)

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