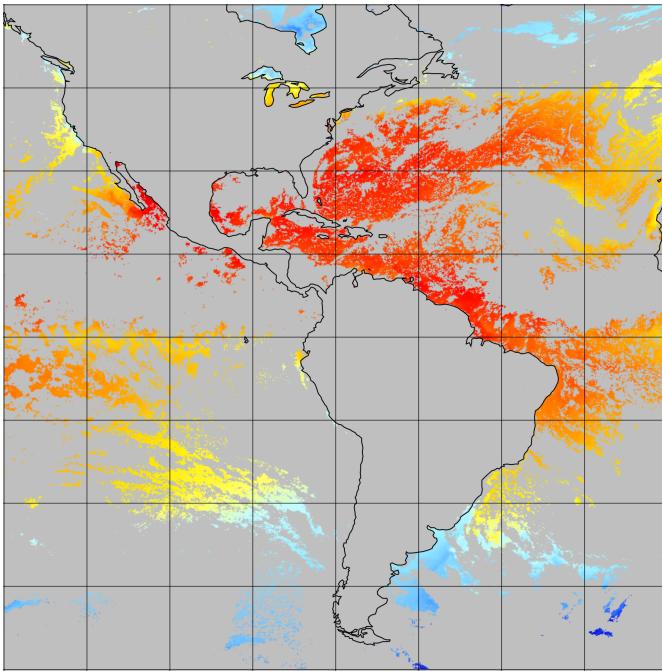


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These datasets are used by the various DAP data access tutorials located here. They are listed in order from smallest to largest. Each of the following sections contains links to the source dataset at the original publishers site, and links to a copy of the dataset granule hosted at test.opendap.org

1. [NASA Global High Resolution Sea Surface Temperature \(GOES-16 Satellite\)](#)



These data are regional and part of the Group for High Resolution Sea Surface Temperature (GHRSST) Level 3 Collated (L3C) dataset covering the America Region based on retrievals from the Advanced Baseline Imager (ABI) on board the Geostationary Operational Environmental Satellite-16 (GOES-16).

file_name	20220812010000-OSISAF-L3C_GHRSST-SSTsubskin-GOES16-ssteqc_goes16_20220812_010000-v02.0-fv01.0.nc
BoundingBox	lon_max = -15, lat_max = 60, lon_min = -135, lat_min = -60
Native File Size	9,626,842 bytes
Total Variables	19
Range Variables	16
Uncompressed Range Variable	11,520,000 bytes

1.1. Publisher: NASA

granule_url	https://archive.podaac.earthdata.nasa.gov/podaac-ops-cumulus-protected/GOES16-SST-OSISAF-L3C-v1.0/2022/224/20220812010000-OSISAF-L3C_GHRSST-SSTsubskin-GOES16-ssteqc_goes16_20220812_010000-v02.0-fv01.0.nc
dap_service_url	https://opendap.earthdata.nasa.gov/collections/C2036877806-POCLOUD/granules/20220812010000-OSISAF-L3C_GHRSST-SSTsubskin-GOES16-ssteqc_goes16_20220812_010000-v02.0-fv01.0
DAP4 Links	dmr html
DAP2 Links	dds das

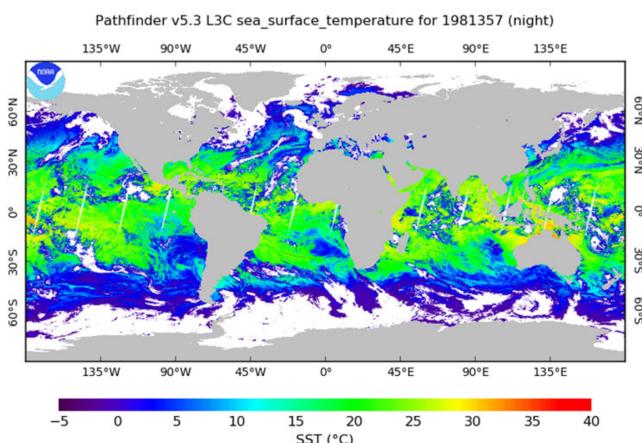
1.2. Host: test.opendap.org

dap_service_url http://test.opendap.org/opendap/hyrax/tutorials/20220812010000-OSISAF-L3C_GHRSST-SSTsubskin-GOES16-ssteqc_goes16_20220812_010000-v02.0-fv01.0.nc

DAP4 html dmr

DAP2 dds das

2. NOAA GHRSST, 4km (Pathfinder Satellite)



This data product is a long-term Climate Data Record (1981–present) that builds on the historic aspect of Pathfinder Sea Surface Temperature (SST) (Saha et. al 2018). It contains global, twice-daily (Day and Night) 4km SST derived from measurements captured by Advanced Very High Resolution Radiometer (AVHRR) instruments aboard NOAA polar-orbiting satellites.

2.1. Test Granule: 01/06/1996 Nighttime

file_name	19960106043137-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_night-v02.0-fv01.0.nc
Native File Size	39,007,534 bytes
Total Variables	18
Range Variables	11
Uncompressed Range Variable	74,649,600 bytes

2.1.1. Publisher: NOAA

TDS Dataset Page	https://www.ncei.noaa.gov/thredds-ocean/catalog/pathfinder/Version5.3/L3C/1996/data/catalog.html?dataset=pathfinder/Version5.3/L3C/1996/data/19960106043137-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_night-v02.0-fv01.0.nc
granule_url	https://www.ncei.noaa.gov/thredds-ocean/fileServer/pathfinder/Version5.3/L3C/1996/data/19960106043137-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_night-v02.0-fv01.0.nc
dap_service_url	https://www.ncei.noaa.gov/thredds-ocean/dodsC/pathfinder/Version5.3/L3C/1996/data/19960106043137-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_night-v02.0-fv01.0.nc
DAP4	dmr html DAP4 Services Do Not Appear to Be Available For This Granule.
DAP2	dds das

2.1.2. Host: test.opendap.org

dap_service_url	http://test.opendap.org/opendap/hyrax/tutorials/19960106043137-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_night-v02.0-fv01.0.nc
DAP4	html dmr
DAP2	dds das

2.2. Test Granule: 01/06/1996 Daytime

file_name	19960106134722-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_day-v02.0-fv01.0.nc
Native File Size	39,106,029 bytes
Total Variables	18
Range Variables	11
Uncompressed Range Variable	74,649,600 bytes

2.2.1. Publisher: NOAA

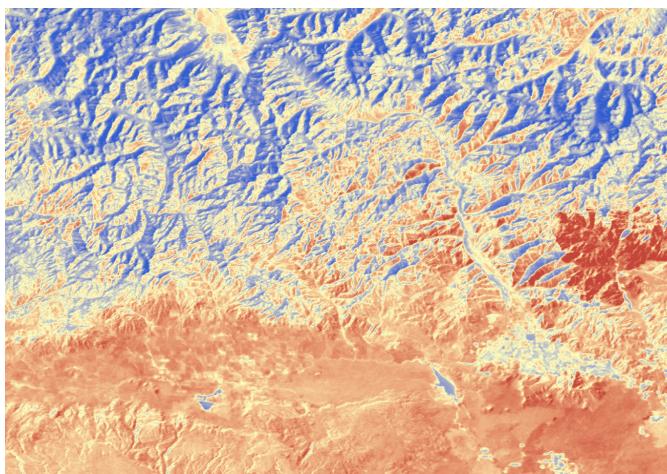
TDS Dataset Page	https://www.ncei.noaa.gov/thredds-ocean/catalog/pathfinder/Version5.3/L3C/1996/data/catalog.html?dataset=pathfinder/Version5.3/L3C/1996/data/19960106134722-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_day-v02.0-fv01.0.nc
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granule_url	https://www.ncei.noaa.gov/thredds-ocean/fileServer/pathfinder/Version5.3/L3C/1996/data/19960106134722-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_day-v02.0-fv01.0.nc
dap_service_url	https://www.ncei.noaa.gov/thredds-ocean/dodsC/pathfinder/Version5.3/L3C/1996/data/19960106134722-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_day-v02.0-fv01.0.nc
DAP4	dmr html DAP4 Services Do Not Appear to Be Available For This Granule.
DAP2	dds das

2.2.2. Host: test.opendap.org

dap_service_url	http://test.opendap.org/opendap/hyrax/tutorials/19960106134722-NCEI-L3C_GHRSST-SSTskin-AVHRR_Pathfinder-PFV5.3_NOAA14_G_1996006_day-v02.0-fv01.0.nc
DAP4	html dmr
DAP2	dds das

3. NASA/JPL/USGS ECOSTRESS



The ECOSystem Spaceborne Thermal Radiometer Experiment on Space Station (ECOSTRESS), will monitor one of the most basic processes in living plants: the loss of water through the tiny pores in leaves. When people lose water through their pores, the process is called sweating. The related process in plants is known as transpiration. Because water that evaporates from soil around plants also affects the amount of water that plants can use, ECOSTRESS will measure combined evaporation and transpiration, known as evapotranspiration (ET). ECOSTRESS will address 3 science questions:

3.1. Test Granule: ECOSTRESS Land Surface Temperature and Emissivity Daily L2 Global 70 m 1/6/1996

The ECOsystem Spaceborne Thermal Radiometer Experiment on Space Station (ECOSTRESS) mission measures the temperature of plants to better understand how much water plants need and how they respond to stress. ECOSTRESS is attached to the International Space Station (ISS) and collects data over the conterminous United States (CONUS) as well as key biomes and agricultural zones around the world and selected [FLUXNET](#) validation sites. A map of the acquisition coverage can be found on the [ECOSTRESS](#) website.

file_name	ECOSTRESS_L2_LSTE_26387_008_20230302T100304_0601_0 2.h5
Native File Size	150,254,547 bytes
Total Variables	??? (<i>I have no idea what's going on in this dataset!</i>)
Range Variables	15
Uncompressed Range Variable	60,825,600 bytes

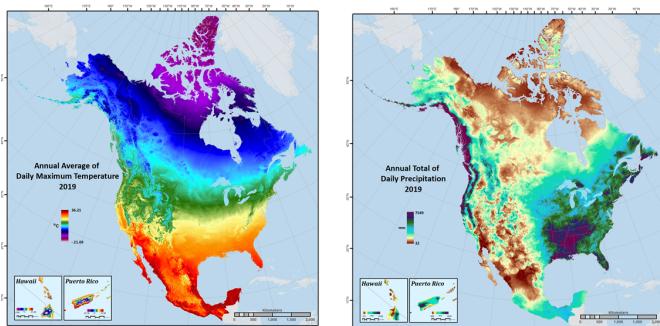
3.1.1. Publisher: USGS

granule_url	https://e4ftl01.cr.usgs.gov/ECOB/ECOSTRESS/ECO2LSTE.001/2023.03.02/ ECOSTRESS_L2_LSTE_26387_008_20230302T100304_0601_02.h5
dap_service_url	https://opendap.cr.usgs.gov/opendap/hyrax/ECOB/ECOSTRESS/ ECO2LSTE.001/2023.03.02/ ECOSTRESS_L2_LSTE_26387_008_20230302T100304_0601_02.h5
DAP4	dmr html
DAP2	dds das

3.1.2. Host: test.opendap.org

dap_service_url	http://test.opendap.org/opendap/hyrax/tutorials/ECO2LSTE.001/2023.03.02/ ECOSTRESS_L2_LSTE_26387_008_20230302T100304_0601_02.h5
DAP4	html dmr
DAP2	dds das

4. NASA Daymet Precipitation



NASA Daymet Version 4 R1 data are gridded estimates of daily weather parameters for North America, Hawaii, and Puerto Rico. Daymet variables include the following parameters: minimum temperature, maximum temperature, precipitation, shortwave radiation, vapor pressure, snow water equivalent, and day length.

4.1. Test Granule: *Daymet 1996 North America Daily V4R1 Precipitation*

file_name	daymet_v4_daily_na_prcp_1996.nc
Native File Size	3,810,812,334 bytes
Total Variables	9
Range Variables	1
Uncompressed Range Variable	92,123,153,000 bytes

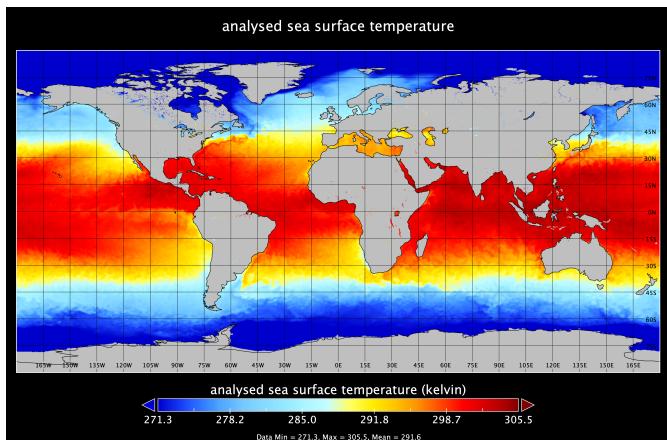
4.1.1. Publisher: NASA

granule_url	https://data.ornldaac.earthdata.nasa.gov/protected/daymet/Daymet_Daily_V4R1/data/daymet_v4_daily_na_prcp_1996.nc
dap_service_url	https://opendap.earthdata.nasa.gov/collections/C2532426483-ORNL_CLOUD/granules/Daymet_Daily_V4R1.daymet_v4_daily_na_prcp_1996.nc
DAP4	html dmr
DAP2	dds das

4.1.2. Host: test.opendap.org

dap_service_url	http://test.opendap.org/opendap/hyrax/tutorials/daymet_v4_daily_na_prcp_1996.nc
DAP4	html dmr
DAP2	dds das

5. NASA: Daily MUR SST, Final product



file_name	20220531090000-JPL-L4_GHRSST-SSTfnd-MUR-GLOB-v02.0-fv04.1.nc
Native File Size	730,585,356 bytes
Total Variables	9
Range Variables	6
Uncompressed Range Variable	1,295,928,000 bytes

5.1. Publisher: NASA PODACC

granule_url	https://archive.podaac.earthdata.nasa.gov/podaac-ops-cumulus-protected/MUR-JPL-L4-GLOB-v4.1/20220531090000-JPL-L4_GHRSST-SSTfnd-MUR-GLOB-v02.0-fv04.1.nc
dap_service_url	https://opendap.earthdata.nasa.gov/collections/C1996881146-POCLOUD/granules/20220531090000-JPL-L4_GHRSST-SSTfnd-MUR-GLOB-v02.0-fv04.1
DAP4	html dmr
DAP2	dds das

5.2. Host: test.opendap.org

dap_service_url	http://test.opendap.org/opendap/hyrax/tutorials/daymet_v4_daily_na_prcp_1996.nc
DAP4	html dmr
DAP2	dds das