DATA & APPLICATIONS ONLINE

CALIPSO Search and Subsetting Tool

Overview

The Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observations (CALIPSO) Search and Subsetting Web Application provides tools for finding and ordering CALIPSO data products subset by date, time, geolocation, geophysical parameter, and granule type (day or night observations). Browse imagery also is available. The web application is a collaborative effort of the CALIPSO and Atmospheric Sciences Data Center (ASDC) Data Management Teams.

Key Features

- Data product/parameter selection from available global CALIPSO LIDAR products, including layer and profile products for clouds and aerosols
- Temporal filtering - search by date range or orbit numbers
- Geospatial filtering - subset by a bounding box or circle on a map, choosing specific ESRI (Environmental Systems Research Institute) regions (e.g., Continent/Europe or U.S. States/Delaware), or selecting WRS-2 path numbers
- Order confirmation includes ancillary information such as the date/time of each granule, orbit start and end number, and the granule type. Links to CALIPSO browse images are highlighted in blue next to each file name.

Access

- URL: https://www-calipso.larc.nasa.gov/search
- Easy Registration: Access requires a NASA Langley ASDC user name and password. Click on the “New User Registration” button.
- Browser Requirements: Specific information can be found at *https://www-calipso.larc.nasa.gov/search/login.php*
- Documentation: The login page provides links to a data users guide, data products catalog, data quality summaries, and a list of frequently asked questions. A tutorial is located at *https://eosweb.larc.nasa.gov/sites/default/files/tools/calipso_search_and_subset_tutorial.ppt*

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EOSDIS DAACs
LaRC ASDC is one of twelve NASA Earth Observing System Data and Information System (EOSDIS) Distributed Active Archive Centers (DAACs).

To learn more about data and tools available from EOSDIS, go to earthdata.nasa.gov.

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