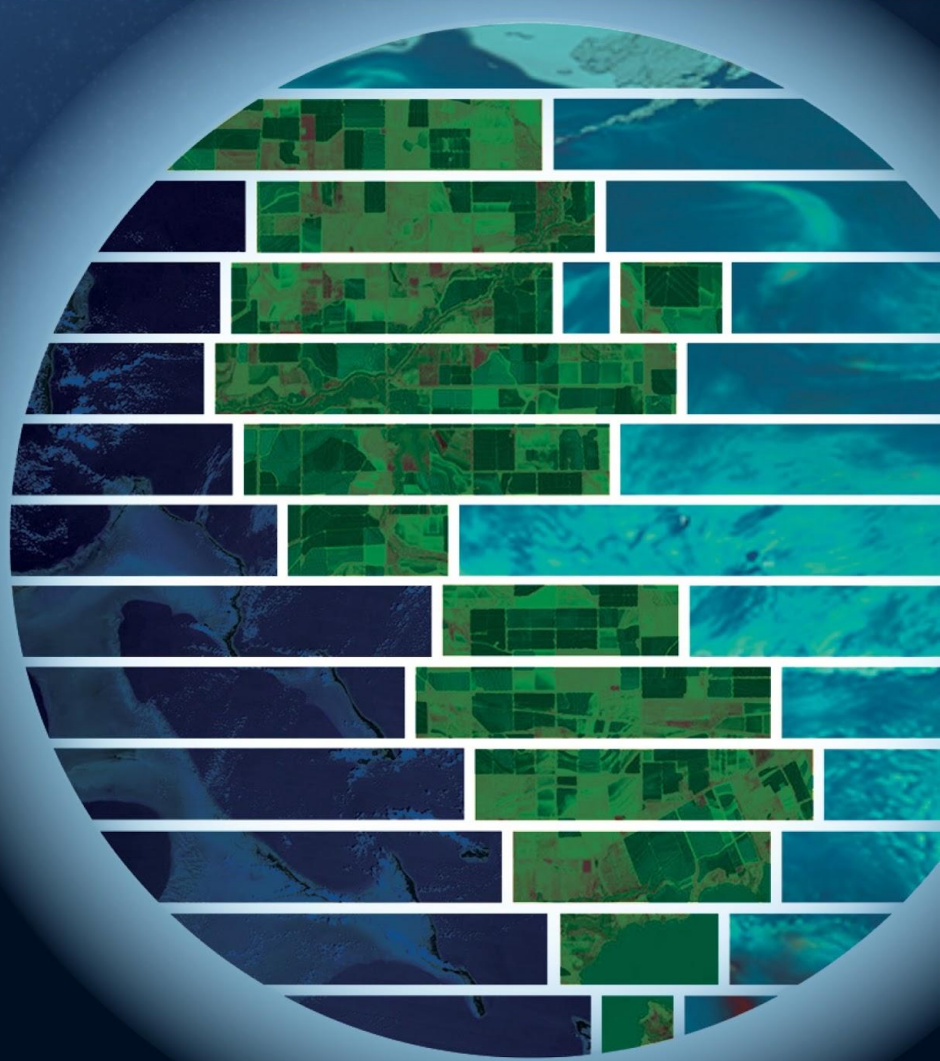
National Aeronautics
and
Space Administration

EARTHDATA

Data Access Demo

ICESat-2/ATLAS and SnowEx Data

Earthdata Search



Mikala Beig

Data access methods from previous webinars

Laser altimetry applications for a changing world:	Data access method
Explore ICESat-2 Data	OpenAltimetry web application
Working with ICESat-2 Land and Vegetation Height Data	SlideRule Earth web application and Python client
Working with ICESat-2 Bathymetry Data	SlideRule Earth web application and Python client
Working with ICESat-2 Sea Ice Data	earthaccess Python library
Working with ICESat-2 Inland Surface Water Data	icepyx Python library

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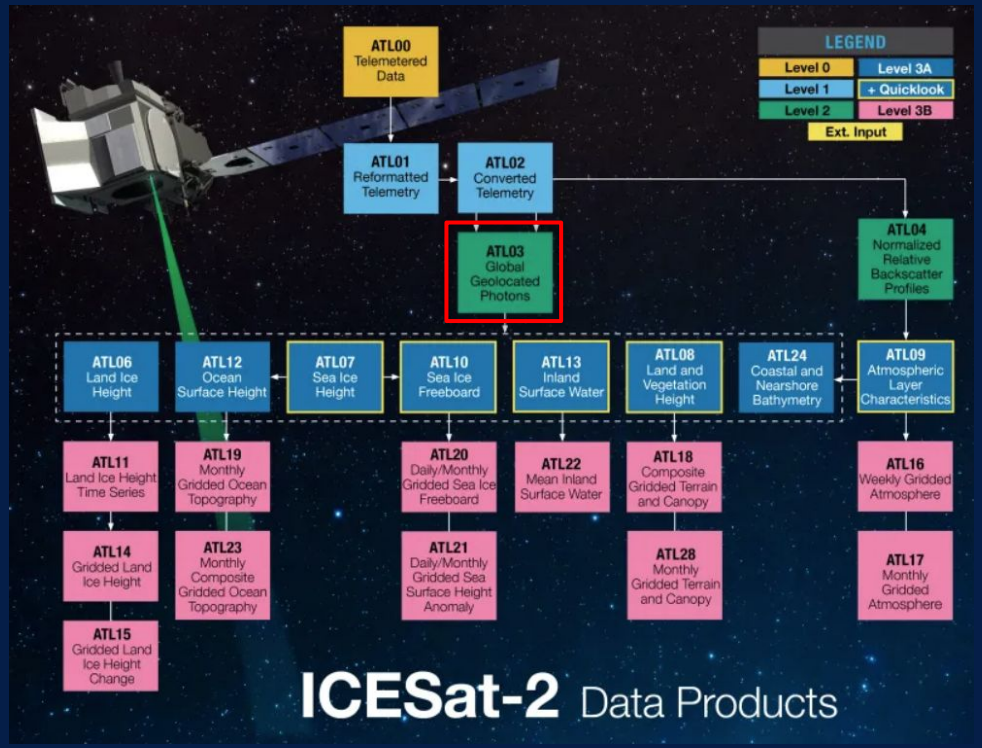
ATLAS/ICESat-2 L2A Global Geolocated Photon Data (ATL03, Version 7)



Mission overview

https://nsidc.org/data/icesat-2

Date set landing page

https://nsidc.org/data/atl03/versions/7

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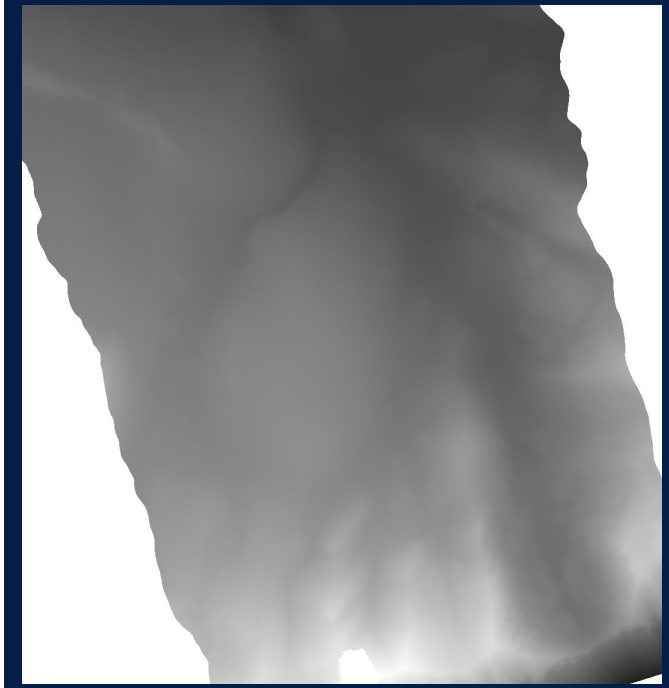
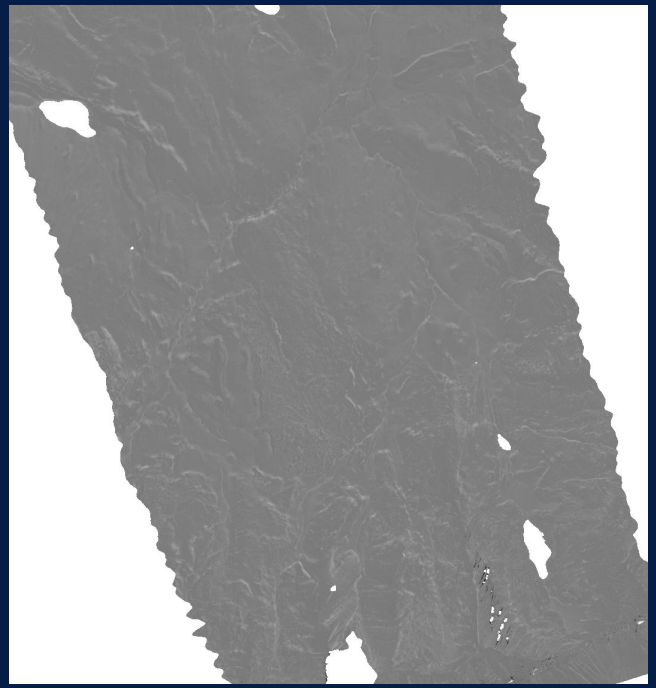
SnowEx23 Airborne Lidar-Derived 0.5M Snow Depth and Canopy Height, Version 1



Snow off DTM



Snow depth from airborne lidar

Mission overview

https://nsidc.org/data/snowex

Data set landing page

https://nsidc.org/data/snex23_lidar/versions/1

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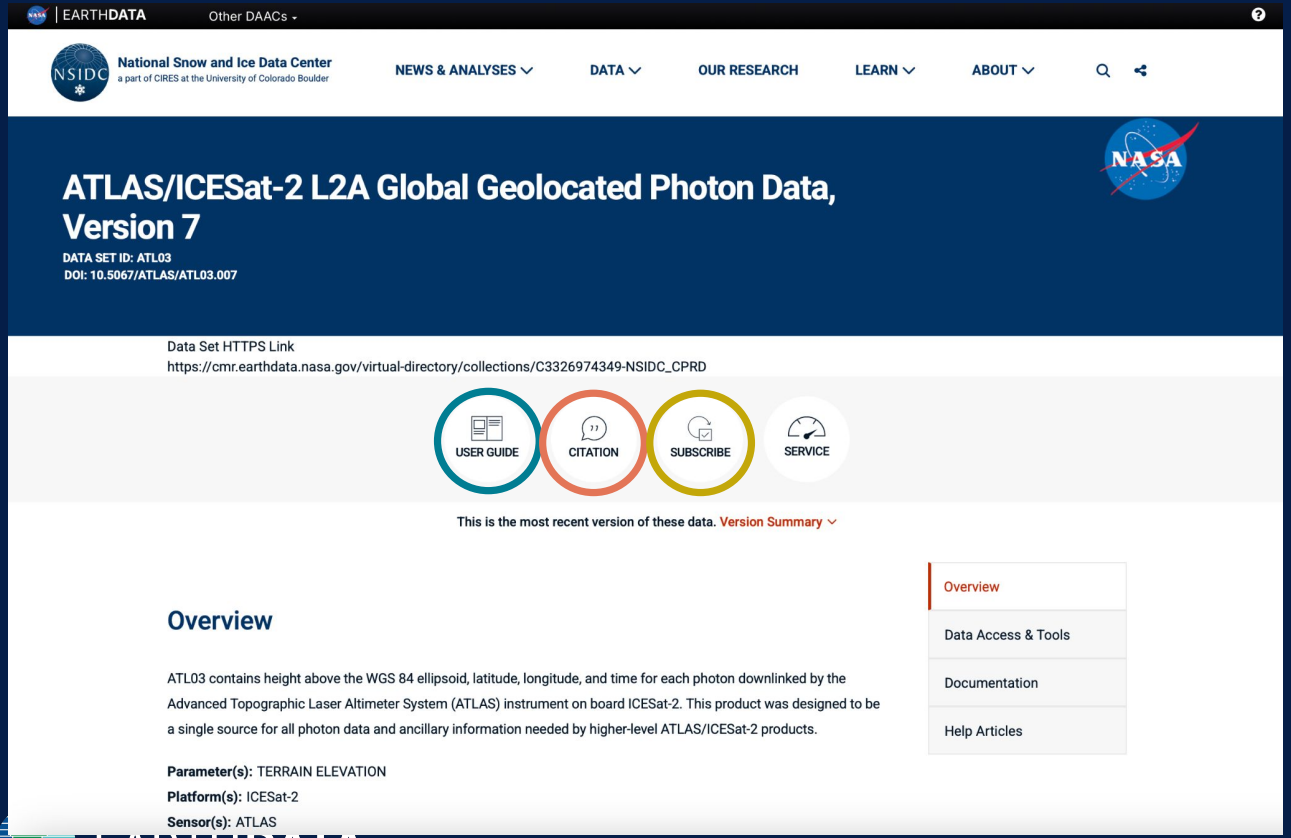
Data set specific landing pages

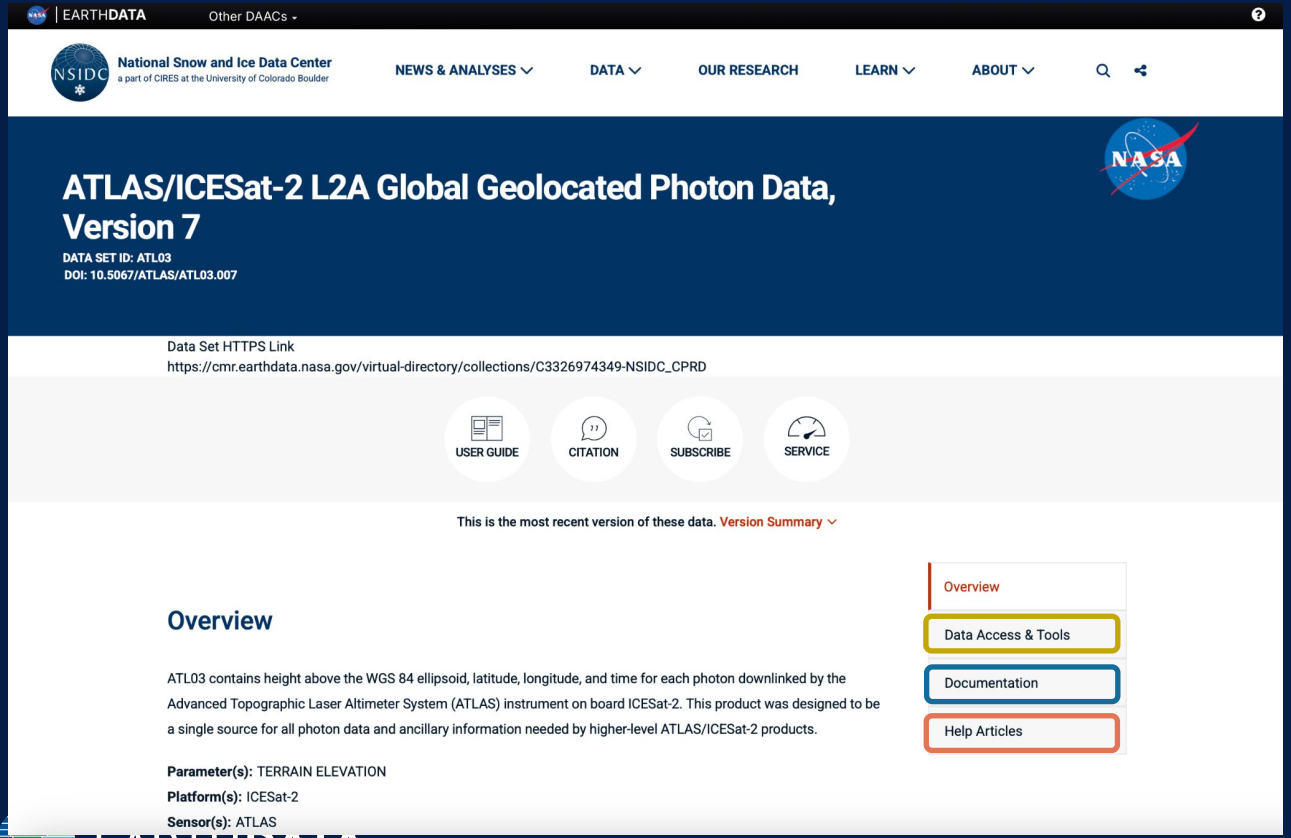


User Guide: Comprehensive product documentation on file structure, variable info, data acquisition, etc.

Citation: Preformatted citation to copy

Subscribe: Sign up to receive email updates of the data set

Data set specific landing pages



Access: Tools and services for accessing the data

Documentation: Known issues, ATBDs, Data dictionaries, User guides

Help articles: Useful information for the data product

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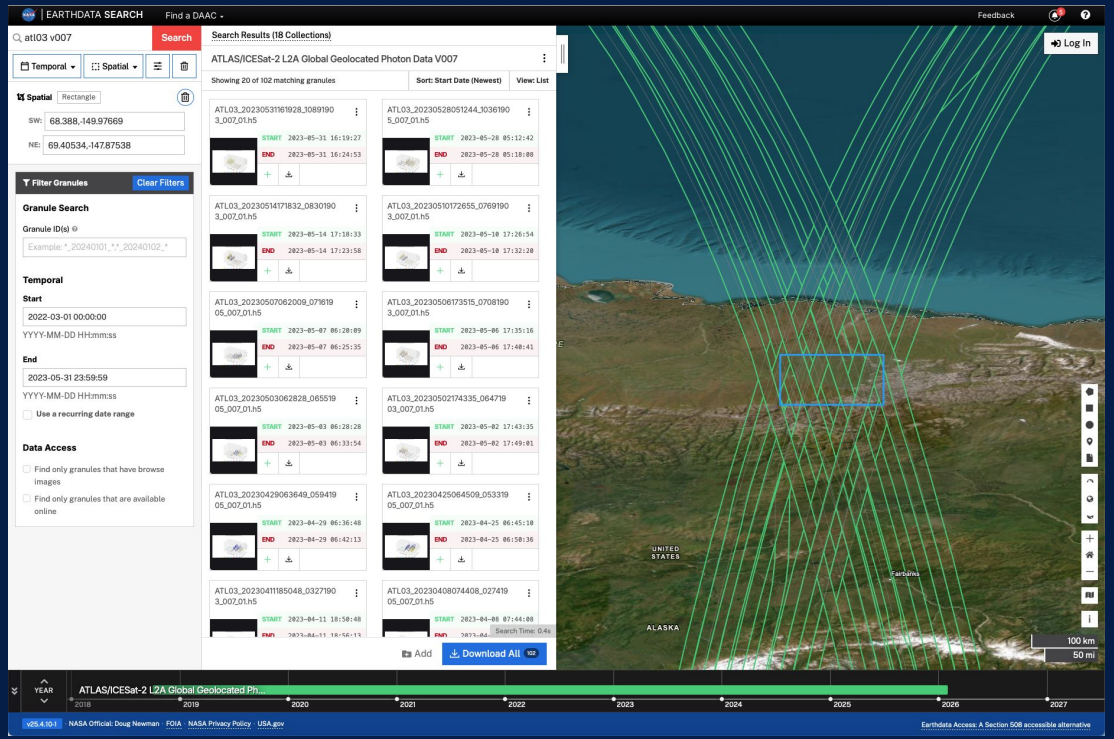
NASA Earthdata Search

- Discover, visualize, and access petabytes of Earth observing data from all NASA DAACs.
- Filter data by mission, keyword, spatial and temporal range, filename, etc.
- Provides customization services (e.g., subsetting) for select data sets.



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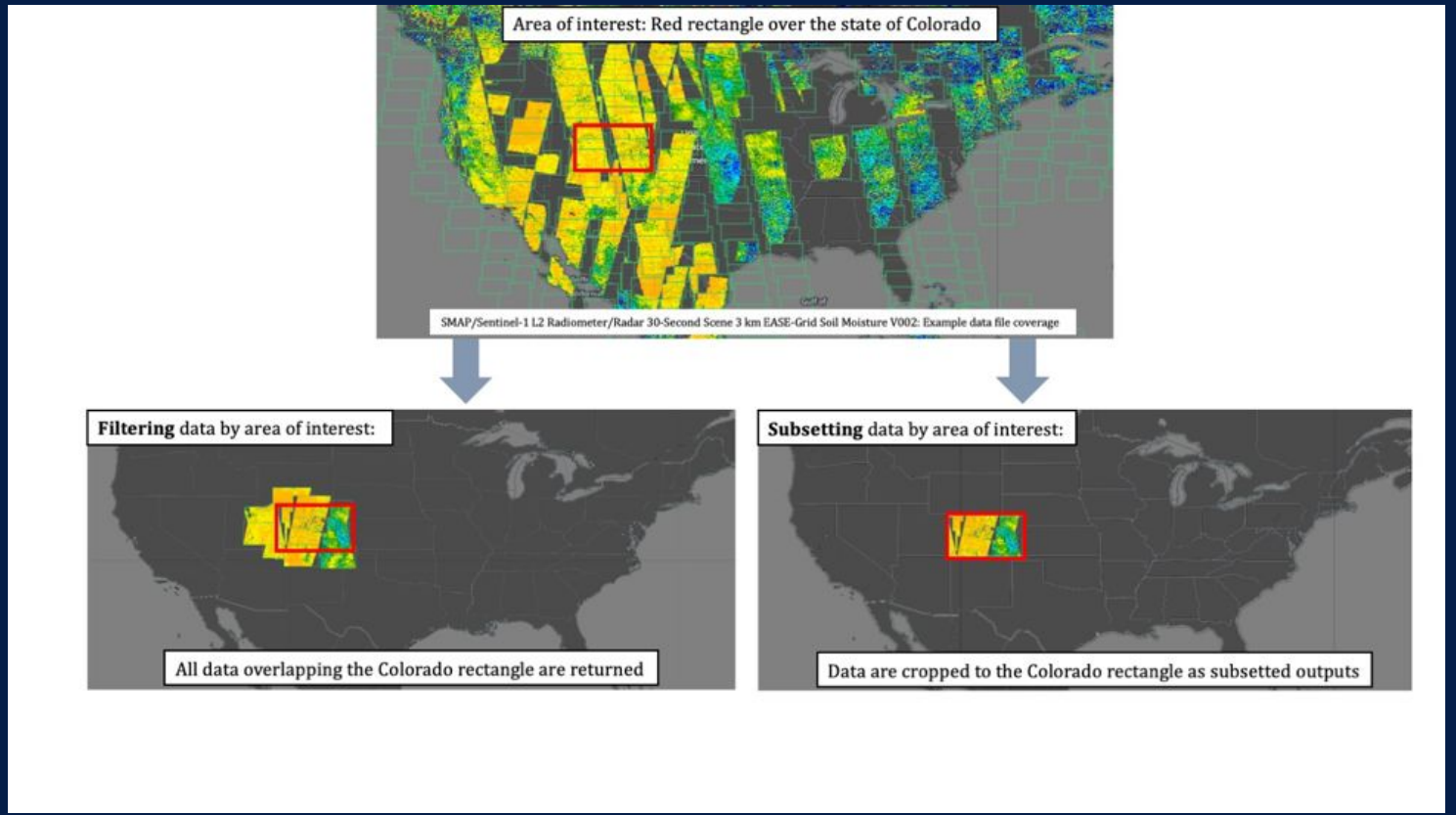
https://search.earthdata.nasa.gov/search

Filtering vs. Subsetting



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Earthdata Search - Data Access Demo

Prerequisite - Earthdata Login

https://urs.earthdata.nasa.gov/

NASA Earthdata Search

https://search.earthdata.nasa.gov/

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Questions?

Have a question about ICESat-2 or SnowEx data?

Need help understanding the best data access method for your workflow?

Reach out to us at:

nsidc@nsidc.org

OR

NASA Earthdata Forum

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Demo

ATL03 search - over Toolik area

68.5,-149.6 (SE)

68.7,-149.2 (NW)

March 2023

SnowEx 2023 lidar search

UKT wildcard in granule name

March 2023

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