NSIDC DAAC Data Publication Form for New Data Products

Fill out this form if your data product is part of a project or mission (e.g., HMA, MEaSUREs, SMAPVEX, SnowEx, etc.) that has been assigned by ESDIS to the NSIDC DAAC for publication.

**NOTE: Required fields are noted with an asterisk (\*) and will help us process your request more quickly.**

**Once you have filled out and saved this form, you can submit it and any accompanying materials on** [**our website here.**](https://nsidc.org/form/daac-data-submission-form)

## Contact Information

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| **Primary Data Producer \*** Who is the primary person responsible for the collection or creation of this data product? Often this is the Principal Investigator, Project Scientist, or Project Manager. |
| First, Middle (optional), Last Name \*  |        |
| Organization (Institution/Department) \* |       |
| E-mail \* |       |
| ORCID \* |       |
| **Processing Organization:** If the primary organization responsible for producing or processing the data is **different** from the primary data producer’s organization, specify it below. |
| Organization (Institution/Department)  |       |
| **Publication Point of Contact:** During the publication process, who should the DAAC contact with questions regarding this data product? The publication process includes ingesting, archiving, quality checking, documenting, and making the data product publicly accessible. |
| Is the Publication Point of Contact the same as the primary data producer? \* | [ ]  Yes [ ]  NoIf “No”, complete the fields below |
| First, Middle (optional), Last Name  |       |
| Organization (Institution/Department)  |       |
| E-mail  |       |
| ORCID  |       |

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| **Long-term Support Point of Contact:** Once publication is completed, who should the DAAC contact with questions regarding this data product? The DAAC may need assistance with answering questions from data product users. For example, questions related to data algorithm and processing approaches, calibration/validation assessments, or instrumentation. |
| Is the Long-term Support Point of Contact the same as the primary data producer? \* | [ ]  Yes [ ]  No If “No”, complete the fields below |
| First, Middle (optional), and Last Name \* |       |
| Organization (Institution/Department) \* |       |
| Email \* |       |
| ORCID \* |       |
| **Data Producers for Data Citation** \* List the people or groups that were involved in the creation of this data product in the order that they should be credited in the data product citation. The DAAC uses this information to construct a data product citation, which is a reference to data for the purpose of credit attribution and facilitation of data access. *Example data product citations:* *Matthew McGill, Dennis L Hlavka, John E. Yorks and Patrick A. Selmer. 2019. GOES-R PLT Cloud Physics LiDAR (CPL). Dataset available online from the NASA Global Hydrology Resource Center DAAC, Huntsville, Alabama, U.S.A. DOI:* [*http://dx.doi.org/10.5067/GOESRPLT/CPL/DATA101*](http://dx.doi.org/10.5067/GOESRPLT/CPL/DATA101)*CARVE Science Team. 2017. CARVE: In-flight Photos from the CARVE Aircraft, Alaska, 2013-2015. ORNL DAAC, Oak Ridge, Tennessee, USA. https://doi.org/10.3334/ORNLDAAC/1435* |
| First Name | Middle Name/ Initial | Last Name or Group |
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| Additional Acknowledgments: List others whose contributions should be acknowledged. People named here will not be listed as authors, but may appear in an Acknowledgement section in the data product’s documentation. |
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## General Information

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| Data Product Name \* How do you refer to this data product? The DAAC uses this information to develop an official data product name in compliance with DAAC/ESDIS standards. |
|       |
| Data Product Description \* Include highlights of the information needed to quickly understand the relevance and usefulness of the data. Also, briefly describe the: primary variables; input/source data used; data collection methods; and instruments/sensors used to create this data product. Note: You’ll be able to provide further detail via supporting documentation when submitting this form. |
|        |
| Data Product DOI: If a Digital Object Identifier (DOI) already exists for this data product (*uncommon*), provide it here. This would be the DOI for the actual data product and not for a publication related to this data product. |       |
| Data Product Restrictions: \*Can this data product be publicly released in compliance with NASA's Open Data Policy? For a description of the open data policy, refer to the [NASA Earthdata Data and Information Policy web page](https://earthdata.nasa.gov/collaborate/open-data-services-and-software/data-information-policy). | [ ]  Yes [ ]  No [ ]  Not sureIf No or Not sure, provide a brief explanation:            |

## Temporal Information

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| **Data Product Details** |
| Data Product Temporal Coverage \* What period of time is covered by the entire data product upon planned delivery to the DAAC?The temporal coverage should encompass the beginning date of the first data file and the ending date of the last data file, even if there are time gaps. | Start Date (Format YYYY-MM-DD):   | End Date (if applicable)(Format YYYY-MM-DD) |
|       |       |
| Data Product Status \*After this data product has been published at the DAAC, will you continue to collect or create new data to extend the time series? | [ ]  Yes [ ]  No  |
| Frequency of Data Deliveries If “Yes” above, what is the anticipated frequency of additional data deliveries to the DAAC? | [ ]  Daily[ ]  Weekly[ ]  Monthly | [ ]  Quarterly[ ]  Yearly[ ]  Varies |
| Data Production Latency If “Yes” answered for Data Product Status, what is the expected time difference between the latest data observation reference time and the delivery of that data to the DAAC? | [ ]  3 hours or less[ ]  24 hours or less[ ]  48 hours or less[ ]  2 to 7 days[ ]  1 week to 1 month | [ ]  1 to 3 months[ ]  3 to 6 months[ ]  6 months to 1 year[ ]  more than 1 year |
| **Data File Details** |
| Data File Temporal Coverage \*On average, how much time is covered by an individual data file?If the temporal coverage varies from file to file and can’t be reasonably represented by one value, choose ‘Varies’.If a data file (and all values within) is measured at a single point in time, meaning the start and end times of the file would be identical, choose ‘Instantaneous’.  | Value:      Units:      OR [ ]  Varies (if selected, please explain below)     OR[ ]  Instantaneous |
| Temporal Resolution \*What is the temporal resolution of an individual data value within the files? Temporal resolution is specific to the data stored in this data product, and does not necessarily represent the input data or instrument sampling rate.  | Value(s):      Units:      OR [ ]  Varies (if selected, please explain below)     OR[ ]  Not Applicable  |
| **Additional Data Product or Data File Details** |
| Temporal Information Notes: Provide any additional details about the temporal information that will help the DAAC understand this data product. *Examples of useful temporal information include: seasonal data; data covering multiple, individual deployments; significant gaps in instrument operation; data from transit/ferry flights included.* |
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## Spatial Information

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| **Data Product Details** |
| Data Product Spatial Region \*What is the general geographic region covered by this data product? *For example, Global, Northern Hemisphere, Alaska, Korean Peninsula, East Tropical Pacific, or Gulf Stream.* |
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| Data Product Horizontal Spatial Coverage \*What are the coordinates for the geographic area(s) covered by the entire data product?If more than three distinct spatial coverage bounding boxes exist for this data product, add a comment to the Spatial Information Notes. | N:            E:            S:            W:                N:            E:            S:            W:                N:            E:            S:            W:                 |
| Data Product Vertical Spatial Coverage \* Does this data product have a vertical dimension? | [ ]  Yes [ ]  No |
| Upper and Lower Limits If ‘Yes’ (above), what are the upper and lower limits of the vertical spatial coverage of the data product?Provide any additional details needed to understand what these numbers mean in the Spatial Information Notes. For example, the point of reference for the values given in the vertical spatial coverage. |
| Upper limit value:Units:      [ ]  km[ ]  m[ ]  feet[ ]  miles[ ]  mb[ ]  Pa[ ]  hPa | Lower limit value:Units:      [ ]  km[ ]  m[ ]  feet[ ]  miles[ ]  mb[ ]  Pa[ ]  hPa |
| OR [ ]  Varies (Please explain):       |
| Data Product Spatial Reference System \* Include the Spatial Reference System name(s) and [EPSG](https://epsg.io/) code(s) for this data product. *E.g., For data in a projected coordinate system: WGS 84 / NSIDC Sea Ice Polar Stereographic North, EPSG:3413. For data in a geographic coordinate system: WGS 84, EPSG:4326* |
| Name:       | EPSG code:       |
| **Data File Details** |
| Data File Spatial Representation \*What is the most appropriate spatial representation of the extents of the files within this data product?Individual files from this data product are best represented by: a point (*e.g., a fixed weather station recording data at a fixed location*); a bounding rectangle (*e.g., data fall within a rectangular tile of a gridded data product*); an irregular polygon *(e.g., data collected along a meandering flight line)*; an orbit track (*e.g., data collected via satellite and where details of the satellite's orbit may be the most appropriate way to describe a data file's spatial coverage).* | Spatial Representation:[ ]  Point[ ]  Bounding rectangle[ ]  Irregular polygon[ ]  Orbit track   [ ]  Not Applicable |
| Spatial Resolution \*What is the spatial resolution of an individual data value within the data files? Provide the nominal size of the geographic area covered by a single data value*.* *For example: 25 km at nadir; a 0.25 degree x 0.25 degree grid cell at the equator; a 10 km x 10 km x 5 km radar slice; varies; not applicable; etc.* | Value(s):           Units:           OR[ ]  VariesPlease explain:      OR[ ]  Not Applicable |
| **Additional Data Product or Data File Details** |
| Spatial Information Notes: Describe any additional details about the spatial information that will help the DAAC understand this data product. |
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## Technical Information

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| Data Processing Level \* What is the [NASA Data Processing Level](https://earthdata.nasa.gov/collaborate/open-data-services-and-software/data-information-policy/data-levels) of this data product? |
| [ ]  Level 0[ ]  Level 1A[ ]  Level 1B[ ]  Level 1C[ ]  Level 2 | [ ]  Level 2A[ ]  Level 2B[ ]  Level 3[ ]  Level 3A[ ]  Level 3B | [ ]  Level 4[ ]  Other/UnsureIf Other, please describe:      |
| Data Product Variables \* What is/are the primary variable(s) represented in this data product? The primary variable(s) should represent the research objective of the data. Identifying primary variables helps users find your data product and determine if it is appropriate for their use.*Examples of variables in data products that are* ***not*** *considered primary are: quality flags, input data variables, and latitude/longitude values.* |
| List variable name(s):       |
| Data Product Type \*Are data within this data product observational and/or model output? | [ ]  Observational[ ]  Model |
| Observational Platform and Instrument **(**\***Required if Observational was selected above)**What platform(s) and instrument(s) were used to collect the data within this data product? Be as specific as possible when including the platforms and instruments. *For example, include tail numbers for aircraft, or uniquely identify instruments when multiple instances exist on the same platform.* |
| Platform | Instrument |
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| Model Name and Version**(**\***Required if Model was selected above)**What is the name and version of the model used to produce this data product? | Model description:      |
| Data Format \* What is/are the format(s) of the files in this data product? For a list of NASA-approved data formats, refer to the [NASA Earthdata Standards and Practices](https://earthdata.nasa.gov/esdis/eso/standards-and-references#data-formats) web page. | Format (choose all that are applicable):[ ]  ASCII[ ]  GeoTIFF[ ]  HDF 5[ ]  HDF-EOS 5[ ]  OGC KML[ ]  NetCDF-4[ ]  NetCDF Classic[ ]  Shapefile[ ]  Other      If Other, provide the data format(s):       |
| Data Product Volume \*What is the expected volume of this data product delivery? | Volume | Units |
|          | [ ]  KB[ ]  MB[ ]  GB | [ ]  TB[ ]  PB |
| Data File Compression \* Is internal compression applied to the data files in this data product? Internal compression is a feature of netCDF and HDF file formats that enables optimized storage and organization of data files. Internal compression is recommended when using these file formats.  | [ ]  Yes [ ]  No |
| Browse Images \*Will browse images representing the data be provided as part of this data product?A browse image provides a visual preview of the data which can assist users in assessing and selecting a data product. | [ ]  Yes [ ]  NoAdditional information about browse images:           |

## Other materials to accompany form submission

* **Data Product Documentation:** When submitting this form, please upload any documents or related publications describing this data product.
Documentation may include: a paper about this data product; processing steps; data quality; an Algorithm Theoretical Basis Document (ATBD); a description of the file naming conventions; etc.
* **Sample Data File(s)** \***:** It is required that when you submit this form, you also submit a sample file.
Providing sample files representative of the range of data within this data product will help the DAAC understand, check the quality of, and provide feedback on: file format, structure, and content, prior to publishing the data product.
* If applicable, please also include any tools, utilities, or scripts that would help reviewers read or visualize the sample data.

Once you have filled out and saved this form,
 you can submit it and any accompanying materials on [our website here.](https://nsidc.org/form/daac-data-submission-form)