

# Metadata

|                                         |                                                                                                                                                       |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dataset Name</b>                     | Open Water Days in Hudson Bay                                                                                                                         |
| <b>Dataset General Type</b>             | open water days                                                                                                                                       |
| <b>Dataset Type</b>                     | Dataset                                                                                                                                               |
| <b>Dataset Level</b>                    |                                                                                                                                                       |
| <b>Program Website</b>                  |                                                                                                                                                       |
| <b>Keyword Vocabulary</b>               | Polar Data Catalogue                                                                                                                                  |
| <b>Keyword Vocabulary URL</b>           | <a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>                         |
| <b>Theme</b>                            |                                                                                                                                                       |
| <b>Title</b>                            | Remote Sensing                                                                                                                                        |
| <b>URL</b>                              | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/remote-sensing">https://canwin-datahub.ad.umanitoba.ca/data/en/group/remote-sensing</a> |
| <b>Dataset Status</b>                   | Complete                                                                                                                                              |
| <b>Maintenance and Update Frequency</b> | As needed                                                                                                                                             |
| <b>Dataset Last Revision Date</b>       | 2020-11-16                                                                                                                                            |
| <b>Dataset DOI</b>                      | 10.34992/24q9-hs55                                                                                                                                    |
| <b>Metadata Creation Date</b>           | 2023                                                                                                                                                  |
| <b>Publisher</b>                        | CanWIN                                                                                                                                                |

## Dataset Authors

### Dataset Authors 1

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## Contributors

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|                                              |                                                                      |
|----------------------------------------------|----------------------------------------------------------------------|
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| <b>Project Data</b>                          |                                                                      |
| <b>Curator Affiliation</b>                   | Centre for Earth Observation Science - University of Manitoba        |
| <b>Dataset Collection Start Date</b>         | 2018-01-01                                                           |
| <b>Dataset Collection End Date</b>           | 2018-12-31                                                           |
| <b>Sample Collection</b>                     |                                                                      |
| <b>Sample Collection 1</b>                   |                                                                      |
| <b>Sampling Instrument Name</b>              | orbiting satellite                                                   |
| <b>Standardized Sampling Instrument Name</b> |                                                                      |
| <b>Sample Collection Method Name</b>         | Sea ice concentration from passive microwave data                    |
| <b>Comment</b>                               |                                                                      |
| <b>Method Link</b>                           |                                                                      |
| <b>Method Summary</b>                        |                                                                      |
| <b>Method Description Type</b>               | Methods                                                              |
| <b>Activity Collection Type</b>              |                                                                      |
| <b>Preferred citation</b>                    |                                                                      |
| <b>Analytical Instrument</b>                 |                                                                      |

## Analytical Instrument 1

Analytical Instrument Name

Standardized Analytical Instrument Name

Analytical Instrument Identifier Id

Analytical Instrument Title Type Alternative Title

Analytical Instrument Identifier Type

## Analytical Method

License Name Creative Commons Attribution 4.0 International

Licence Type Open

Embargo Date

Licence URL <https://spdx.org/licenses>

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Awards

## Related Resources

Related Resources 1

**Related Resource Name**

**Resource Code**

**Identifier Type**

**Relationship To This Dataset**

**Resource Type** Online Resource

**Type**

**Series Name**

## Publications

### Publications 1

**Publication Name** Light propagation in ice-covered environments: Seasonal progression and biological implications. PhD thesis.

**Identifier Code** <http://hdl.handle.net/1993/35352>

**Identifier Type** URL

**Relationship to this dataset** Describes

**Resource Type** Online Resource

**Publication Type** Dissertation

### Publications 2

**Publication Name** Environmental drivers of spring primary production in Hudson Bay

**Identifier Code** [doi.org/10.1525/elementa.2020.00160](https://doi.org/10.1525/elementa.2020.00160)

**Identifier Type** DOI

**Relationship to this dataset**

**Resource Type** Online Resource

**Publication Type** JournalArticle

**Spatial regions**

hudson-bay

**Spatial extent West Bound Longitude**

**Spatial  
extent East  
Bound  
Longitude**

**Spatial  
extent South  
Bound  
Latitude**

**Spatial  
extent North  
Bound  
Latitude**

## Data and Resources

**URL** [https://canwin-datahub.ad.umanitoba.ca/data/dataset/d675a2fe-01a3-47c0-b193-8bd8ee779dcb/resource/376e2a4d-a669-4e6e-a113-67dbd279a19d/download/baysys2018\\_days\\_open\\_water\\_sampling\\_stations.csv](https://canwin-datahub.ad.umanitoba.ca/data/dataset/d675a2fe-01a3-47c0-b193-8bd8ee779dcb/resource/376e2a4d-a669-4e6e-a113-67dbd279a19d/download/baysys2018_days_open_water_sampling_stations.csv)

**Name** Open water days

**Description** Open water periods, ice break up and freeze up for stations in Hudson Bay, spring 2018.

**Format** CSV

**Resource  
Category** data

**URL** [https://canwin-datahub.ad.umanitoba.ca/data/dataset/d675a2fe-01a3-47c0-b193-8bd8ee779dcb/resource/0cf5de80-778b-433f-ac4f-cb11cebd24b2/download/baysys2018\\_days\\_open\\_water\\_sampling\\_stations\\_supplemental.pdf](https://canwin-datahub.ad.umanitoba.ca/data/dataset/d675a2fe-01a3-47c0-b193-8bd8ee779dcb/resource/0cf5de80-778b-433f-ac4f-cb11cebd24b2/download/baysys2018_days_open_water_sampling_stations_supplemental.pdf)

**Name** Supplemental Metadata

**Description** Supplemental information - station information, variable details, and data file details.

**Format** PDF

**Resource  
Category** supplemental

## Campaigns

**Title** 2018 Spring Hudson Bay Wide CCGS Amundsen Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>