

# 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

**Name** Matthes, Lisa. C  
**Type of Name** Personal  
**Email** [matthesl@myumanitoba.ca](mailto:matthesl@myumanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID** 0000-0002-7362-0417  
ORCID  
<http://orcid.org/>

### Dataset Authors 2

**Name** Mundy, C.J.  
**Type of Name** Personal  
**Email** [cj.mundy@umanitoba.ca](mailto:cj.mundy@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

### Dataset Authors 3

**Name** Ehns, Jens  
**Type of Name** Personal  
**Email** [jens.ehn@umanitoba.ca](mailto:jens.ehn@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

## Contributors

**Project Data Curator** Matthes, Lisa. C

<b>Project Data</b>	
<b>Curator email</b>	<a href="mailto:matthesl@myumanitoba.ca">matthesl@myumanitoba.ca</a>
<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>