

# 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>	Marine
<b>URL</b>	<a href="https://lwbin-dev.ad.umanitoba.ca/data/fr/group/marine">https://lwbin-dev.ad.umanitoba.ca/data/fr/group/marine</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>	
<b>Metadata Creation Date</b>	2022
<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, CJ  
**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

**Project Data Curator email** [matthesl@myumanitoba.ca](mailto:matthesl@myumanitoba.ca)

<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>	
<b>Activity Collection Type</b>	
<b>Preferred citation</b>	
<b>Analytical Instrument</b>	
<b>Analytical Instrument 1</b>	

<b>Analytical Instrument Name</b>	
<b>Standardized Analytical Instrument Name</b>	
<b>Analytical Instrument Identifier Id</b>	
<b>Analytical Instrument Title Type</b>	Alternative Title
<b>Analytical Instrument Identifier Type</b>	
<b>Analytical Method</b>	
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Type</b>	Open
<b>Embargo Date</b>	
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Terms of Access</b>	CanWIN datasets are licensed individually, however most are licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0) Public License. Details for the licence applied can be found using the Licence URL link provided with each dataset. By using data and information provided on this site you accept the terms and conditions of the License. Unless otherwise specified, the license grants the rights to the public to use and share the data and results derived therefrom as long as the proper acknowledgment is given to the data licensor (citation), that any alteration to the data is clearly indicated, and that a link to the original data and the license is made available.
<b>Terms of Use</b>	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
<b>Awards</b>	
<b>Related Resources</b>	
<b>Related Resources 1</b>	
<b>Related Resource Name</b>	

**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://lwbins-dev.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://lwbins-dev.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://lwbins-dev.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://lwbins-dev.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://lwbins-dev.ad.umanitoba.ca/data/fr/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>