

Metadata

Dataset Name	Particulate organic carbon in ice and water - Hudson Bay 2018
Dataset General Type	carbon data
Dataset Type	Dataset
Dataset Level	
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Dataset Status	Complete
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2020-11-06
Dataset DOI	
Metadata Creation Date	2022
Publisher	CanWIN
Dataset Authors	
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Dataset Collection Start Date 2018-05-31

Dataset Collection End Date 2018-07-01

Sample Collection**Sample Collection 1**

Sampling Instrument Name Rosette Sampler
Standardized Sampling Instrument Name discrete water samplers
Sample Collection Method Name Water collection
Comment
Method Link

**Method
Summary**

**Method
Description
Type**

**Sample
Collection 2**

**Sampling
Instrument
Name** Submersible pump (Cyclone®)

**Standardized
Sampling
Instrument
Name**

**Sample
Collection
Method Name** Water collection

Comment

Method Link

**Method
Summary**

**Method
Description
Type**

**Sample
Collection 3**

**Sampling
Instrument
Name** Core barrel

**Standardized
Sampling
Instrument
Name** KOVACS ice coring systems

**Sample
Collection
Method Name** Ice core collection

Comment

Method Link

**Method
Summary**

**Method
Description
Type**

**Sample
Collection 4**

**Sampling
Instrument
Name**

**Standardized
Sampling
Instrument
Name**

**Sample
Collection
Method Name**

Comment

Method Link

**Method
Summary**

**Method
Description
Type**

**Activity
Collection
Type**

Field Measurement

**Preferred
citation**

**Analytical
Instrument**

**Analytical
Instrument 1**

**Analytical
Instrument
Name**

DeltaPlus XP Isotope Ratio Mass Spectrometer (IRMS, Thermo Electron Co)

**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	
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
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/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/abeccd24-eedc-4ef5-862a-f90e7266c569/download/baysys2018_particulate_organic_carbon_ice.csv
Name	Particulate organic carbon - ice
Description	Particulate organic and total carbon of bottom-ice algal communities and Melosira arctica - Hudson Bay 2018
Format	CSV
Resource Category	data
URL	https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/5fdf34cf-517a-4215-86d0-b5af479afbbe/download/baysys2018_particulate_organic_carbon_ice_supplemental.pdf
Name	Supplemental Metadata - ice
Description	Supplemental information - station information, variable details, and data file details.
Format	PDF
Resource Category	supplemental
URL	https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/e3dfb0d7-ba4e-4070-948d-591d80dc8184/download/baysys2018_particulate_organic_carbon_water.csv
Name	Particulate organic carbon - water
Description	Particulate organic and total carbon of phytoplankton and melt pond communities - Hudson Bay 2018.
Format	CSV
Resource Category	data
URL	https://lwbins-dev.ad.umanitoba.ca/data/dataset/3f1231cf-2795-4d6a-8576-6eb5f3fbd8d9/resource/8ec3886f-2aa2-4837-b9fc-17f451c8804f/download/baysys2018_particulate_organic_carbon_water_supplemental.pdf
Name	Supplemental Metadata - water
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://lwb-in-dev.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign