

# Metadata

Dataset Name	BaySys Physical Ice Sampling Data - 2017-2018
Dataset General Type	Physical ice data
Dataset Type	Dataset
Dataset Level	1.2
Program Website	<a href="https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys">https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys</a>
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
Theme	
Title	Cryosphere
URL	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/cryosphere">https://canwin-datahub.ad.umanitoba.ca/data/en/group/cryosphere</a>
Title	Freshwater
URL	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/en/group/freshwater</a>
Title	Marine
URL	<a href="https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine</a>
Dataset Status	Complete
Maintenance and Update Frequency	As needed
Dataset Last Revision Date	2020-12-15
Dataset DOI	10.34992/tg78-q041
Metadata Creation Date	2022
Publisher	CanWIN
Dataset	

## Authors

### Dataset Authors 1

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**Dataset  
Collection  
Start Date** 2017-02-04

**Dataset  
Collection  
End Date** 2018-06-24

**Sample  
Collection**

**Activity  
Collection  
Type**

**Preferred  
citation**

## Analytical Instrument

### Analytical Instrument 1

**Analytical  
Instrument  
Name** metre stick

**Standardized  
Analytical**

Instrument  
Name

Analytical  
Instrument  
Identifier Id

Analytical  
Instrument  
Title Type

Alternative Title

Analytical  
Instrument  
Identifier Type

### Analytical Instrument 2

Analytical  
Instrument  
Name

Thermometer

Standardized  
Analytical  
Instrument  
Name

temperature probes

Analytical  
Instrument  
Identifier Id

Analytical  
Instrument  
Title Type

Alternative Title

Analytical  
Instrument  
Identifier Type

### Analytical Instrument 3

Analytical  
Instrument  
Name

Salinity probe, salinometer

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

## Publications

### Publications 1

Publication Name Barber, David; Sydor, Kevin. 2015. "BaySys Project", <https://doi.org/10.5203/x6hd-2n79>, Canadian Watershed Information Network (CanWIN), V1

Identifier Code [doi.org/10.5203/x6hd-2n79](https://doi.org/10.5203/x6hd-2n79)

Identifier Type DOI

Relationship to this dataset IsPartOf

Resource Type Online Resource

Publication Type Report

### Publications 2

Publication Name Babb, D., Deslongchamps, G., Capelle, D., and Munson, K. 2019. Churchill River and Mobile Ice Survey. Chapter 2 in, Hudson Bay Systems Study (BaySys) Phase 1 Report: Hudson Bay Field Program and Data Collection. (Eds.) Landry, DL & Candlish, LM. pp. 37-64.

Identifier Code

Identifier Type

Relationship to this dataset IsSupplementTo

Resource Type Online Resource

Publication Type Report

### Publications 3

Publication Name Babb, D., Capelle, D, Deslongchamps, G., Munson K. 2019. Nelson Estuary Landfast Ice Survey: Nanuk Lodge. Chapter 3 in, Hudson Bay Systems Study (BaySys) Phase 1 Report: Hudson Bay Field Program and Data Collection. (Eds.) Landry, DL & Candlish, LM. pp. 65-95

Identifier Code

Identifier Type

Relationship to this dataset	IsSupplementTo
Resource Type	Online Resource
Publication Type	Report
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	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/9282e417-df03-4410-9f01-e25141476370/download/phys_ice_measurements_2017.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/9282e417-df03-4410-9f01-e25141476370/download/phys_ice_measurements_2017.csv</a>
Name	2017 Physical Ice Temperature Profile
Description	Characterization of the physical properties of land fast and mobile sea ice
Format	CSV
Resource Category	data
URL	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/4a905250-9031-4678-8341-666eb3addef7/download/phys_ice_salinity_profile_2017.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/4a905250-9031-4678-8341-666eb3addef7/download/phys_ice_salinity_profile_2017.csv</a>
Name	2017 Physical Ice Salinity Profile
Description	Characterization of the physical properties of land fast and mobile sea ice
Format	CSV
Resource Category	data
URL	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/75469e54-5994-4cd4-94d6-914aff4c9c2d/download/phys_ice_measurements_2017.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/75469e54-5994-4cd4-94d6-914aff4c9c2d/download/phys_ice_measurements_2017.csv</a>

<b>Name</b>	2017 Physical Ice Station Measurements
<b>Description</b>	Characterization of the physical properties of land fast and mobile sea ice
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/508e8291-8b58-4034-bb7b-509a976d0dc2/download/phys_ice_temp_profile_2018.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/508e8291-8b58-4034-bb7b-509a976d0dc2/download/phys_ice_temp_profile_2018.csv</a>
<b>Name</b>	2018 Physical Ice Temperature Profile
<b>Description</b>	Characterization of the physical properties of land fast and mobile sea ice
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/e2baac20-d862-45b9-a892-24c81930d2a9/download/phys_ice_salinity_profile_2018.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/e2baac20-d862-45b9-a892-24c81930d2a9/download/phys_ice_salinity_profile_2018.csv</a>
<b>Name</b>	2018 Physical Ice Salinity Profile
<b>Description</b>	Characterization of the physical properties of land fast and mobile sea ice
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/ee1d195e-e0af-4d23-ab7c-4a6c51b9ee7a/download/phys_ice_measurements_2017.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/ee1d195e-e0af-4d23-ab7c-4a6c51b9ee7a/download/phys_ice_measurements_2017.csv</a>
<b>Name</b>	2018 Physical Ice Station Measurements
<b>Description</b>	Characterization of the physical properties of land fast and mobile sea ice
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/9ad61be7-6364-4695-a39e-a92f2d48691c/download/physical-ice-supplemental-metadata.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/93cb459d-144d-4133-ad69-3186954b23d1/resource/9ad61be7-6364-4695-a39e-a92f2d48691c/download/physical-ice-supplemental-metadata.pdf</a>
<b>Name</b>	Supplemental Metadata
<b>Description</b>	Supplemental metadata for BaySys physical ice sampling data 2017-2018
<b>Format</b>	PDF
<b>Resource Category</b>	documents

# Deployment details

Title BaySys Physical Ice - Deployment 3

URL [https://canwin-datahub.ad.umanitoba.ca/data/en/deployment\\_details/ccgs-amundsen-2018-ice-sampling](https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/ccgs-amundsen-2018-ice-sampling)

# 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>