# 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** | https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys |
| **Keyword Vocabulary** | Polar Data Catalogue |
| **Keyword Vocabulary URL** | https://www.polardata.ca/pdcinput/public/keywordlibrary |
| **Theme** | |
| **Title** | Cryosphere |
| **URL** | https://canwin-datahub.ad.umanitoba.ca/data/group/cryosphere |
| **Title** | Freshwater |
| **URL** | https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater |
| **Title** | Marine |
| **URL** | https://canwin-datahub.ad.umanitoba.ca/data/group/marine |
| **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** | |
| **Name** | Dalman, Laura |
| **Type of Name** | Personal |
| **Email** | Laura.Dalman@umanitoba.ca |
| **Affiliation** | Centre for Earth Observation Science - University of Manitoba |
| **ORCID ID** | |
| **Contributors** | |
| **Project Data Curator** | Laura Dalman |
| **Project Data Curator email** | Laura.Dalman@umanitoba.ca |
| **Project Data Curator Affiliation** | Centre for Earth Observation Science - University of Manitoba |
| **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

## Terms of Access

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.

## Terms of Use

By accessing this data you agree to [CanWIN's Terms of Use](https://dev.uni-manitoba.links.com.au/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).

## 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 |
| **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** | 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 |
| **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** | 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 |
| **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** | 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 |
| **Name** | 2017 Physical Ice Station Measurements |
| **Description** | Characterization of the physical properties of land fast and mobile sea ice |
| **Format** | CSV |
| **Resource Category** | data |
| **URL** | 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 |

| | |
|---|---|
| **Name** | 2018 Physical Ice Temperature Profile |
| **Description** | Characterization of the physical properties of land fast and mobile sea ice |
| **Format** | CSV |
| **Resource Category** | data |
| **URL** | 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 |
| **Name** | 2018 Physical Ice Salinity Profile |
| **Description** | Characterization of the physical properties of land fast and mobile sea ice |
| **Format** | CSV |
| **Resource Category** | data |
| **URL** | 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 |
| **Name** | 2018 Physical Ice Station Measurements |
| **Description** | Characterization of the physical properties of land fast and mobile sea ice |
| **Format** | CSV |
| **Resource Category** | data |
| **URL** | 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 |
| **Name** | Supplemental Metadata |
| **Description** | Supplemental metadata for BaySys physical ice sampling data 2017-2018 |
| **Format** | PDF |
| **Resource Category** | documents |

# Deployment details

| | |
|---|---|
| **Title** | BaySys Physical Ice - Deployment 3 |
| **URL** | https://canwin-datahub.ad.umanitoba.ca/data/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/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign |