

Metadata

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|---|---|
| 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/fr/group/cryosphere |
| Title | Freshwater |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/group/freshwater |
| Title | Marine |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine |
| Dataset Status | Complete |
| Maintenance and Update Frequency | As needed |
| Dataset Last Revision Date | 2020-12-15 |
| Dataset DOI | 10.34992/tg78-q041 |

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|---|--|
| 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

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|--|--|
| 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/fr/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/fr/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>