

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/en/group/cryosphere
Title	Freshwater
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/freshwater
Title	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/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	
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Type of Name	Personal
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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/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