Metadata

Field	Value
Dataset Name	BaySys Ice Beacon Data- Churchill River (2017) and Hudson Bay (2018)
Dataset General Type	Ice beacon data
Dataset Type	Dataset
Dataset Level	1.2
Program Website	
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	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/group/marine
Dataset Status	Planned
Maintenance and Update Frequency	As needed

Field	Value
Dataset Last Revision Date	2018-08-03
Dataset DOI	10.34992/4yb7-ye97
Metadata Creation Date	2026
Publisher	CanWIN
Dataset Authors	
Dataset Authors 1	
Name	Babb, David
Type of Name	Personal
Email	david.babb@umanitoba.ca
Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	0000-0002-7427-8094
	ORCID
	http://orcid.org/
Contributors	
Contributors 1	

Field	Value
Name **Role** **Email** **Affiliation** **ORCID ID**	 ORCID ORCID http://orcid.org/
Project Data Curator	David Babb
Project Data Curator email	david.babb@umanitoba.ca
Project Data Curator Affiliation	
Dataset Collection Start Date	2017-02-01
Dataset Collection End Date	2018-08-03
Sample Collection **Sample Collection 1** **Sampling Instrument Name** **Standardized Sampling Instrument Name**	 Ice Beacon – Solara Communications Ice Drift Beacon

Field	Value
Sample Collection Method Name	BaySys Winter 2017 Solara Communications Ice Beacon protocol
Comment	
Method Link	
Method Summary	
Method Description Type	Methods
Activity Collection Type	Field Observation
Preferred citation	
Analytical Instrument	
Analytical Instrument 1	
Analytical Instrument Name	
Standardized Analytical Instrument Name	
Analytical Instrument Identifier Id	
Analytical Instrument Title Type	Alternative Title
Analytical Instrument Identifier Type	
Analytical Method	
Licence Name or Copyright Statement	Creative Commons Attribution 4.0 International
Copyright Statement	
Licence Type	Open

Field	Value
Embargo Date	
Licence URL	https://spdx.org/licenses
Terms of Access	CanWIN datasets are licensed individually, details for each licence used can be found using the Licence URL link provided with each dataset. By accessing this Web site and Database, you are agreeing to be bound by CanWIN's Terms of Use, all applicable laws and regulations, and agree that you are responsible for compliance with any applicable local laws. If you do not agree with any of these terms, do not use this site. Any claim relating to this web site shall be governed by the laws of the Province of Manitoba without regard to its conflict of law provisions
Terms of Use	This project is governed by CanWIN's Terms of Use. You can view the full terms here (https://lwbin.cc.umanitoba.ca/wp-content/uploads/2019/10/CanWIN_DataPolicy_Nov2019.pdf). Citation: The Data User should properly cite the Data Set in any publications or in the metadata of any derived data products that were produced using the Data Set. Acknowledgement: The Data User should acknowledge any institutional support or specific funding awards referenced in the metadata accompanying this dataset in any publications where the Data Set contributed significantly to its content. Acknowledgements should identify the supporting party, the party that received the support, and any identifying information such as grant numbers. Notification: The Data User should notify the Data Set Contact when any derivative work or publication based on or derived from the Data Set is distributed. Notification will include an explanation of how the Data Set was used to produce the derived work. Collaboration: The Data Set has been released in the spirit of open scientific collaboration. Data Users are thus strongly encouraged to consider consultation, collaboration and/or co-authorship with the Data Set Creator.
Awards	
Related Resources	
Related Resources 1	

Field	Value
Related Resource Name	
Resource Code	
Identifier Type	
Relationship To This Dataset	
Resource Type	Online Resource
Type	
Series Name	
Publications	
Publications 1	
Publication Name	
Identifier Code	
Identifier Type	
Relationship to this dataset	
Resource Type	Online Resource
Publication Type	
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

Field	Value
URL	https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/BaySys_IceBeacon_data_94 project_name%2Cplatform_name%2Cbeacon_ID%2Clatitude%2Clongitude%2Ctime%2
Name	BaySys Ice Beacon Data 2017-2018
Description	Data recorded by the 16 ice beacons deployed in 2017 during the BaySys 2017 Church campaign.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/e8cdedff-5c6b-4719-bc69-57c
Name	Supplemental Metadata
Description	Supplemental Metadata for Ice Beacon data collected during the Churchill River and M parameters and brief cleaning notes.
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/e8cdedff-5c6b-4719-bc69-57c
Name	Ice Beacon Cookbook
Description	This document details the processing of ice beacon data collected from the BaySys pr

Field	Value
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/e8cdedff-5c6b-4719-bc69-57c
Name	Ice Beacon Codebook
Description	This document details the code used to calculate the speed of ice beacon from the Ba
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/e8cdedff-5c6b-4719-bc69-57c
Name	Speed Calculator
Description	Python script for processing ice beacon data.
Format	ZIP
Resource Category	scripts

Related Publications

Field	Value
Title	BaySys Project Reports - Phase 1 and Phase 2
URL	https://canwin-datahub.ad.umanitoba.ca/data/publication/baysys-reports-1-2

Campaigns

Field	Value
Title	2017 Winter Churchill River and Mobile Ice Survey
URL	https://canwin-datahub.ad.umanitoba.ca/data/campaign/2017-winter-churchill-river-and-mobile-ice-survey