Metadata

Field	Value
Dataset Name	IPY-CFL Ice Beacon Data
Dataset General Type	ice beacon data
Dataset Type	Dataset
Dataset Level	1.2
Program Website	https://umanitoba.ca/ceos/research/cfl.html
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	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine
Dataset Status	Complete
Maintenance and Update Frequency	Not planned

Field	Value
Dataset Last Revision Date	2021-04-22
Dataset DOI	10.34992/q4q2-gm68
Metadata Creation Date	2026
Publisher	CanWIN

Dataset Authors

Dataset Authors 1

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Type of Name	Personal
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Contributors

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Field	Value
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Dataset Collection Start Date	2007-11-19
Dataset Collection End Date	2008-05-22

Sample Collection

Sample Collection 1

    Sampling Instrument Name

    Standardized Sampling Instrument Name

    Sample Collection Method Name

    Comment

    Method Link

    Method Summary

    Method Description Type

        Methods

Activity Collection Type

Preferred citation

Analytical Instrument

Analytical Instrument 1

    Analytical Instrument Name

    Standardized Analytical Instrument Name

    Analytical Instrument Identifier Id

Field	Value
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
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.
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Awards	
Related Resources	

Field	Value
Publications	
Publications 1	
Publication Name	Lukovich, J. V., Babb, D. G., and Barber, D. G. (2011), On the scaling laws derived from ice beacon trajectories in the southern Beaufort Sea during the International Polar Year - Circumpolar Flaw Lead study, 2007–2008, J. Geophys. Res., 116, C00G07, doi:10.1029/2011JC007049.
Identifier Code	10.1029/2011JC007049
Identifier Type	DOI
Relationship to this dataset	IsSupplementedBy
Resource Type	Online Resource
Publication Type	JournalArticle
Publications 2	
Publication Name	Lukovich, J. & Bélanger, C. & Barber, D. & Gratton, Yves. (2014). On coherent ice drift features in the southern Beaufort sea. Deep Sea Research Part I: Oceanographic Research Papers. 92. 10.1016/j.dsr.2014.05.013.
Identifier Code	10.1016/j.dsr.2014.05.013
Identifier Type	DOI
Relationship to this dataset	IsSupplementedBy

Field	Value
Resource Type	Online Resource
Publication Type	JournalArticle

Publications 3

Field	Value
Publication Name	On sea ice dynamical regimes in the Arctic Ocean
Identifier Code	10.3189/2015AoG69A606
Identifier Type	DOI
Relationship to this dataset	
Resource Type	Online Resource
Publication Type	

Publications 4

Field	Value
Publication Name	On the scaling laws derived from ice beacon trajectories in the southern Beaufort Sea during the International Polar Year - Circumpolar Flaw Lead study, 2007–2008
Identifier Code	10.1029/2011JC007049
Identifier Type	DOI
Relationship to this dataset	Describes
Resource Type	Online Resource

Field	Value
Publication Type	
Spatial regions	beaufort-sea
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/IPY_CFL_IceBeacon_1077_project_name%2Cplatform_name%2Ctime%2CTime_hh24miss%2Cbeacon_ID%2Clatit
Name	Ice Beacon Data (IPY-CFL)
Description	Ice beacons deployed in Franklin Bay from November 2007 to May 2008.
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75f
Name	Supplemental Metadata

Field	Value
Description	Additional Metadata for IPY-CFL ice beacon series. File includes information on the st...
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75f...
Name	Script for processing Ice Beacon data
Description	Scripts for calculating speed for ice beacon data. Zipped file contains python script an...
Format	ZIP
Resource Category	scripts
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75f...
Name	Ice Beacon Codebook
Description	Codebook outlining the speed calculator python script for processing ice beacon data.
Format	PDF
Resource Category	documents
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75f...
Name	Ice Beacon Cookbook

Field	Value
Description	Cookbook describes the analytical steps in processing the ice beacon data.
Format	PDF
Resource Category	documents

Deployment details

Field	Value
Title	IPY-CFL Leg 9
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/deployment_details/ipy-cfl-leg-9