

Metadata

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://lwbins-dev.ad.umanitoba.ca/data/group/cryosphere
Title	Marine
URL	https://lwbins-dev.ad.umanitoba.ca/data/group/marine
Dataset Status	Complete
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2021-04-22
Dataset DOI	
Metadata Creation Date	2022

Publisher CanWIN

Dataset Authors

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**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****Activity
Collection
Type****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

License Name Creative Commons Attribution 4.0 International

Licence Type Open

Embargo Date

Licence URL <https://spdx.org/licenses>

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Awards

Related Resources

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

Resource Type Online Resource

Publication Type JournalArticle

Publications 3

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

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

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

URL	https://lwbin-dev.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75fe5125d583/resource/97164d3e-0ed4-4d07-838d-6d57d8c6b9ef/download/ice_beacon_2007-2008_ipycfl-.zip
Name	Ice Beacon Data (IPY-CFL)
Description	Ice beacons deployed in Franklin Bay from November 2007 to May 2008.
Format	ZIP
Resource Category	data
URL	https://lwbin-dev.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75fe5125d583/resource/23a89674-2737-41c0-b2bc-0cadc1988e43/download/supplemental-metadata.pdf
Name	Supplemental Metadata
Description	Additional Metadata for IPY-CFL ice beacon series. File includes information on the stations and their locations, the time periods for the different ice beacons, description of the dataset variables and notes on the cleaning of the data.
Format	PDF
Resource Category	documents
URL	https://lwbin-dev.ad.umanitoba.ca/data/dataset/89cfe1e4-59d7-4895-a407-75fe5125d583/resource/e7f97815-0e48-4e02-8625-bccf58a50bb9/download/ice_beacon_script_with-codebook.zip
Name	Script for processing Ice Beacon data
Description	Scripts for calculating speed for ice beacon data. Zipped file contains python script and codebook.
Format	ZIP
Resource Category	scripts

Deployment details

Title	IPY-CFL Leg 9
URL	https://lwbin-dev.ad.umanitoba.ca/data/deployment_details/ipy-cfl-leg-9