Metadata

Field	Value
Dataset Name	Regional ice optics - Hudson Bay 2018
Dataset General Type	ice optics
Dataset Type	Dataset
Dataset Level	
Program Website	
Keyword Vocabulary	
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/marine
Title	Sea Ice
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/sea-ice
Title	Water Colour
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/water-colour
Dataset Status	Complete
Maintenance and Update Frequency	As needed

Field	Value
Dataset Last Revision Date	2020-11-16
Dataset DOI	10.34992/3stv-dh53
Metadata Creation Date	2026
Publisher	CanWIN

Dataset Authors

Dataset Authors 1

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    Type of Name

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Contributors

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Project Data Curator	Matthes, Lisa. C
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Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Dataset Collection Start Date	2018-06-03

Field	Value
Dataset Collection End Date	2018-06-24

Sample Collection

Sample Collection 1

Sampling Instrument Name

Hyperspectral radiometers: RAMSES-ACC, TriOS GmbH, Germany

Standardized Sampling Instrument Name

Probe/Sensor

Sample Collection Method Name

Calculated regional averages of sea ice surface properties and optical properties

Comment

Method Link

Method Summary

Method Description Type

Methods

Sample Collection 2

Sampling Instrument Name

Video Camera

Standardized Sampling Instrument Name

cameras

Sample Collection Method Name

Calculated regional averages of sea ice surface properties and optical properties

Comment

Method Link

Field	Value
Method Summary	
Method Description Type	Methods
Activity Collection Type	Field Measurement
Preferred citation	Citation 1: Matthes, L.C., Mundy, C.J., L.-Girard, S., Babin, M., Verin, G. and Ehn, J.K. (2020). Spatial heterogeneity as a key variable influencing spring-summer progression in UVR and PAR transmission through Arctic sea ice. Front Mar Sci 7. Frontiers. doi: 10.3389/fmars.2020.00183. || Citation 2: Harasyn M.L., Isleifson D., Chan W., Barber D.G. (2020). Multi-scale observations of the co-evolution of sea ice thermophysical properties and microwave brightness
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	

Field	Value
Licence Type	Open
Embargo Date	
Licence URL	https://spdx.org/licenses
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Terms of Use	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
Awards	
Related Resources	
Related Resources 1	
Related Resource Name	
Resource Code	
Identifier Type	
Relationship To This Dataset	
Resource Type	Online Resource

Field	Value
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://canwin-datahub.ad.umanitoba.ca/data/dataset/a9811708-c22f-48ed-bc45-39aede388f3d/resource/b4af57f3-69eb-4612-acb5-883a56e42982/download/baysys2018_calculated_regional_ice_optics.csv

Field	Value
Name	Ice optics
Description	Regional averages of surface and optical properties of mobile sea ice floes
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/ a9811708-c22f-48ed-bc45-39aede388f3d/resource/ 5228e634-33d0-4298-8261-7e8fe5f2a130/download/ baysys2018_calculated_regional_ice_optics_supplemental.pdf
Name	Supplemental Metadata
Description	Supplemental information - station information, sample variable details, and data file details.
Format	PDF
Resource Category	supplemental

Campaigns

Field	Value
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