

Metadata

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	
Dataset Status	Complete
Maintenance and Update Frequency	As needed
Dataset Last Revision Date	2020-11-16
Dataset DOI	
Metadata Creation Date	2022
Publisher	CanWIN
Dataset Authors	
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Dataset Collection Start Date	2018-06-03
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	
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. <i>Front Mar Sci</i> 7. <i>Frontiers</i> . 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	

License Name	Creative Commons Attribution 4.0 International
Licence Type	Open
Embargo Date	
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Awards	
Related Resources	
Related Resources 1	
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

URL	https://lwbins-dev.ad.umanitoba.ca/data/dataset/a9811708-c22f-48ed-bc45-39aede388f3d/resource/b4af57f3-69eb-4612-acb5-883a56e42982/download/baysys2018_calculated_regional_ice_optics.csv
Name	Ice optics
Description	Regional averages of surface and optical properties of mobile sea ice floes
Format	CSV
Resource Category	data

URL	https://lwbins-dev.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

Title	2018 Spring Hudson Bay Wide CCGS Amundsen Campaign
URL	https://lwbins-dev.ad.umanitoba.ca/data/fr/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign