

# Metadata

<b>Dataset Name</b>	Regional ice optics - Hudson Bay 2018
<b>Dataset General Type</b>	ice optics
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	
<b>Program Website</b>	
<b>Keyword Vocabulary</b>	
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Theme</b>	
<b>Dataset Status</b>	Complete
<b>Maintenance and Update Frequency</b>	As needed
<b>Dataset Last Revision Date</b>	2020-11-16
<b>Dataset DOI</b>	
<b>Metadata Creation Date</b>	2022
<b>Publisher</b>	CanWIN
<b>Dataset Authors</b>	
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<b>Dataset Collection Start Date</b>	2018-06-03
<b>Dataset Collection End Date</b>	2018-06-24
<b>Sample Collection</b>	
<b>Sample Collection 1</b>	
<b>Sampling Instrument Name</b>	Hyperspectral radiometers: RAMSES-ACC, TriOS GmbH, Germany
<b>Standardized Sampling Instrument Name</b>	Probe/Sensor
<b>Sample Collection Method Name</b>	Calculated regional averages of sea ice surface properties and optical properties
<b>Comment</b>	
<b>Method Link</b>	
<b>Method Summary</b>	
<b>Method Description Type</b>	Methods
<b>Sample Collection 2</b>	
<b>Sampling Instrument Name</b>	Video Camera

<b>Standardized Sampling Instrument Name</b>	cameras
<b>Sample Collection Method Name</b>	Calculated regional averages of sea ice surface properties and optical properties
<b>Comment</b>	
<b>Method Link</b>	
<b>Method Summary</b>	
<b>Method Description Type</b>	Methods
<b>Activity Collection Type</b>	Field Measurement
<b>Preferred citation</b>	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
<b>Analytical Instrument</b>	
<b>Analytical Instrument 1</b>	
<b>Analytical Instrument Name</b>	
<b>Standardized Analytical Instrument Name</b>	
<b>Analytical Instrument Identifier Id</b>	
<b>Analytical Instrument Title Type</b>	Alternative Title
<b>Analytical Instrument Identifier Type</b>	
<b>Analytical Method</b>	

<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Type</b>	Open
<b>Embargo Date</b>	
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
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<b>Awards</b>	
<b>Related Resources</b>	
<b>Related Resources 1</b>	
<b>Related Resource Name</b>	
<b>Resource Code</b>	
<b>Identifier Type</b>	
<b>Relationship To This Dataset</b>	
<b>Resource Type</b>	Online Resource
<b>Type</b>	
<b>Series Name</b>	
<b>Publications</b>	
<b>Publications 1</b>	
<b>Publication Name</b>	
<b>Identifier Code</b>	
<b>Identifier Type</b>	

**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

<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Ice optics
<b>Description</b>	Regional averages of surface and optical properties of mobile sea ice floes
<b>Format</b>	CSV
<b>Resource Category</b>	data

  

<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Supplemental Metadata
<b>Description</b>	Supplemental information - station information, sample variable details, and data file details.
<b>Format</b>	PDF
<b>Resource Category</b>	supplemental

# Campaigns

<b>Title</b>	2018 Spring Hudson Bay Wide CCGS Amundsen Campaign
<b>URL</b>	<a href="https://lwbins-dev.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign">https://lwbins-dev.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign</a>