

# Metadata

Field	Value
<b>Dataset Name</b>	Satellite Data Trace Seasonal Freshwater Dispersion in Hudson and James Bays: Field and Matchup Data
<b>Dataset General Type</b>	Water samples
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	2
<b>Program Website</b>	<a href="https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys">https://umanitoba.ca/earth-observation-science/research/hudson-bay-system-study-baysys</a>
<b>Keyword Vocabulary</b>	Polar Data Catalogue
<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>Title</b>	Marine
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/group/marine</a>
<b>Title</b>	Oxygen
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/oxygen">https://canwin-datahub.ad.umanitoba.ca/data/group/oxygen</a>
<b>Title</b>	Sea Ice
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/sea-ice">https://canwin-datahub.ad.umanitoba.ca/data/group/sea-ice</a>
<b>Title</b>	Subsurface Salinity

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/subsurface-salinity">https://canwin-datahub.ad.umanitoba.ca/data/group/subsurface-salinity</a>
<b>Title</b>	Surface Salinity
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/surface-salinity">https://canwin-datahub.ad.umanitoba.ca/data/group/surface-salinity</a>
<b>Title</b>	Water Colour
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/water-colour">https://canwin-datahub.ad.umanitoba.ca/data/group/water-colour</a>
<b>Dataset Status</b>	Complete
<b>Maintenance and Update Frequency</b>	As needed
<b>Dataset Last Revision Date</b>	2025-04-16
<b>Dataset DOI</b>	10.34992/330g-2c55
<b>Metadata Creation Date</b>	2026
<b>Publisher</b>	CanWIN
<b>Dataset Authors</b>	
<b>Dataset Authors 1</b>	
<b>Name</b>	Basu, Atreya
<b>Type of Name</b>	Personal
<b>Email</b>	<a href="mailto:basua@myumanitoba.ca">basua@myumanitoba.ca</a>

Field	Value
<b>Affiliation</b>	Agriculture and Agri Food Canada
<b>ORCID ID</b>	<a href="https://orcid.org/0000-0003-3728-7896">https://orcid.org/0000-0003-3728-7896</a> ORCID <a href="http://orcid.org/">http://orcid.org/</a>
<b>Contributors</b>	
<b>Contributors 1</b>	
<b>Name</b>	Guzzi, Alessia
<b>Role</b>	ProjectManager
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<b>Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>ORCID ID</b>	
<b>Project Data Curator</b>	Atreya Basu
<b>Project Data Curator email</b>	<a href="mailto:basua@myumanitoba.ca">basua@myumanitoba.ca</a>

Field	Value
<b>Project Data Curator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Dataset Collection Start Date</b>	2005-08-01
<b>Dataset Collection End Date</b>	2021-10-31
<b>Sample Collection</b>	
<b>Sample Collection 1</b>	
<b>Sampling Instrument Name</b>	
<b>Standardized Sampling Instrument Name</b>	
<b>Sample Collection Method Name</b>	
<b>Comment</b>	
<b>Method Link</b>	
<b>Method Summary</b>	
<b>Method Description Type</b>	Methods
<b>Activity Collection Type</b>	
<b>Preferred citation</b>	
<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>	

Field	Value
<b>Analytical Instrument Title Type</b>	Alternative Title
<b>Analytical Instrument Identifier Type</b>	
<b>Analytical Method</b>	
<b>Analytical Method 1</b>	
<b>Analytical Method Name</b>	
<b>Method Link</b>	
<b>Method Summary</b>	
<b>Laboratory</b>	
<b>Comments</b>	
<b>Variables Measured</b>	
<b>Licence Name or Copyright Statement</b>	Creative Commons Attribution 4.0 International
<b>Copyright Statement</b>	
<b>Licence Type</b>	Open
<b>Embargo Date</b>	
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>

Field	Value
<b>Terms of Access</b>	<p>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.</p>
<b>Terms of Use</b>	<p>By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).</p>
<b>Awards</b>  <b>Awards 1</b>  <b>Award Title</b>  <b>Website</b>  <b>Funder Name</b>  <b>Funder Identifier Code</b>  <b>Funder Identifier Type</b>  <b>Funder Identifier Scheme</b>  <b>Grant Number</b>	
<b>Related Resources</b>  <b>Related Resources 1</b>  <b>Related Resource Name</b>  <b>Resource Code</b>  <b>Identifier Type</b>	

Field	Value
<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>	
<b>Relationship to this dataset</b>	
<b>Resource Type</b>	Online Resource
<b>Publication Type</b>	
<b>Spatial regions</b>	hudson-bay
<b>Spatial extent West Bound Longitude</b>	
<b>Spatial extent East Bound Longitude</b>	
<b>Spatial extent South Bound Latitude</b>	
<b>Spatial extent North Bound Latitude</b>	

# Data and Resources

Field	Value
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/6bb21d80-11a5-4738-9631-6dd3b1c67dd7/resource/381ec037-0fc2-4381-9598-7aedbb458aa9/download/satellite-data-trace-seasonal-freshwater-dispersion-in-hudson-and-james-bays_field-matchup-data.xlsx">https://canwin-datahub.ad.umanitoba.ca/data/dataset/6bb21d80-11a5-4738-9631-6dd3b1c67dd7/resource/381ec037-0fc2-4381-9598-7aedbb458aa9/download/satellite-data-trace-seasonal-freshwater-dispersion-in-hudson-and-james-bays_field-matchup-data.xlsx</a>
<b>Name</b>	Satellite Data Trace Seasonal Freshwater Dispersion in Hudson and James Bays
<b>Description</b>	Satellite Data Trace Seasonal Freshwater Dispersion in Hudson and James Bays: Field & Matchup Data_2005_202.
<b>Format</b>	XLSX
<b>Resource Category</b>	data