

Metadata

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

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

| Field | Value |
|-----------------------------------|---|
| Affiliation | Agriculture and Agri Food Canada |
| ORCID ID | https://orcid.org/0000-0003-3728-7896 ORCID http://orcid.org/ |
| Contributors | |
| Contributors 1 | |
| Name | Guzzi, Alessia |
| Role | ProjectManager |
| Email | alessia.guzzi@umanitoba.ca |
| Affiliation | Centre for Earth Observation Science - University of Manitoba |
| ORCID ID | |
| Project Data Curator | Atreya Basu |
| Project Data Curator email | basua@myumanitoba.ca |

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

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

| Field | Value |
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| Awards Awards 1 Award Title Website Funder Name Funder Identifier Code Funder Identifier Type Funder Identifier Scheme Grant Number | |
| Related Resources Related Resources 1 Related Resource Name Resource Code Identifier Type | |

| Field | Value |
|--|-----------------|
| 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

| Field | Value |
|--------------------------|---|
| URL | 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 |
| Name | Satellite Data Trace Seasonal Freshwater Dispersion in Hudson and James Bays |
| Description | Satellite Data Trace Seasonal Freshwater Dispersion in Hudson and James Bays: Field & Matchup Data_2005_202. |
| Format | XLSX |
| Resource Category | data |