

Metadata

Field	Value
Dataset Name	Oceanographic observations (CTD and DOM fluorescence) in the Nansen Sound fiord system of the eastern Canadian Arctic Archipelago in May 2025
Dataset General Type	CTD data
Dataset Type	Dataset
Dataset Level	
Program Website	
Keyword Vocabulary	
Keyword Vocabulary URL	
Theme	
Dataset Status	Planned
Maintenance and Update Frequency	As needed
Dataset Last Revision Date	2026-05-13
Dataset DOI	10.17632/tg79gn7b2z.1
Metadata Creation Date	2026
Publisher	CanWIN

Field	Value
Dataset Authors	
Dataset Authors 1	
Name	Dmitrenko, Igor
Type of Name	Personal
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ORCID ID	
Dataset Authors 2	
Name	Kirillov, Sergei
Type of Name	Personal
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Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	
Dataset Authors 3	

Field	Value
Name	Capelle, David
Type of Name	Personal
Email	
Affiliation	Fisheries and Oceans Canada
ORCID ID	
Dataset Authors 4	
Name	Mandryk, Rachel
Type of Name	Personal
Email	
Affiliation	Fisheries and Oceans Canada
ORCID ID	
Contributors	
Contributors 1	
Name	
Role	

Field	Value
Email	
Affiliation	
ORCID ID	
Project Data Curator	Igor Dmitrenko
Project Data Curator email	dmitreni@cc.umanitoba.ca
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Dataset Collection Start Date	2025-05-07
Dataset Collection End Date	
Sample Collection	
Sample Collection 1	
Sampling Instrument Name	
Standardized Sampling Instrument Name	
Sample Collection Method Name	
Comment	
Method Link	

Field	Value
Method Summary	The data set consists of 49 CTD (conductivity-temperature-depth) and FCDOM (fluorescence of colored dissolved organic matter) profiles taken in the Nansen Sound fiord system between 7 and 25 May 2025 using snowmobiles and a Twin Otter aircraft operated on skis. Observations were carried out with a RBRconcerto3 CTD outfitted with a Seapoint FCDOM sensor for EX/EM = 370/460 nm. FCDOM vertical profiles were averaged with a 7-m moving window. CTD profiles were 1-meter binned.
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	
Analytical Instrument Title Type	Alternative Title
Analytical Instrument Identifier Type	
Analytical Method	
Analytical Method 1	
Analytical Method Name	
Method Link	
Method Summary	
Laboratory	

Field	Value
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
Terms of Access	<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>
Terms of Use	<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>
Awards	
Awards 1	
Award Title	
Website	

Field	Value
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	
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	

Field	Value
Spatial regions	canadian-arctic-archipelago
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/1d39bb84-32aa-4c66-830c-bc44fef8db89/resource/16036bf4-df9c-4da3-bcda-455007a7fc36/download/ctd-and-cdom-data.csv
Name	CTD and CDOM data
Description	
Format	CSV
Resource Category	data