

# Metadata

<b>Dataset Name</b>	Lake Winnipeg Buoy Data
<b>Dataset General Type</b>	Buoy data
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	1.1
<b>Program Website</b>	<a href="https://catalogue.cioospatial.ca/dataset/ca-cioos_b9c71eb2-b750-43d5-a50a-ae173916736?local=en">https://catalogue.cioospatial.ca/dataset/ca-cioos_b9c71eb2-b750-43d5-a50a-ae173916736?local=en</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>	Atmosphere
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/modelling">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/modelling</a>
<b>Title</b>	Marine
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/marine</a>
<b>Dataset Status</b>	In Progress
<b>Maintenance and Update Frequency</b>	As needed
<b>Dataset Last Revision Date</b>	2022-03-16
<b>Dataset DOI</b>	
<b>Metadata Creation Date</b>	2025
<b>Publisher</b>	CanWIN
<b>Dataset Authors</b>	
<b>Dataset Authors 1</b>	
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**Dataset Collection Start Date** 1999-06-04

**Dataset Collection End Date** 2021-10-21

### Sample Collection

#### Sample Collection 1

**Sampling Instrument Name** Buoy  
**Standardized Sampling Instrument Name**  
**Sample Collection Method Name** Buoy observations  
**Comment**  
**Method Link**  
**Method Summary**  
**Method Description Type** Methods

### Activity Collection Type

### Preferred citation

### Analytical Instrument

**Analytical Instrument 1**

<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>	Open Government Licence 2.0 – Canada
<b>License Type</b>	Open
<b>Embargo Date</b>	
<b>License URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Terms of Access</b>	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.
<b>Terms of Use</b>	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
<b>Awards</b>	
<b>Related Resources</b>	
<b>Related Resources 1</b>	
<b>Related Resource Name</b>	Realtime data from Environment and Climate Change Canada buoys
<b>Resource Code</b>	<a href="https://catalogue.cioospatial.ca/dataset/ca-cioos_b9c71eb2-b750-43d5-a50a-ae173916736?local=en">https://catalogue.cioospatial.ca/dataset/ca-cioos_b9c71eb2-b750-43d5-a50a-ae173916736?local=en</a>
<b>Identifier Type</b>	URL
<b>Relationship To This Dataset</b>	IsPartOf
<b>Resource Type</b>	Online Resource
<b>Type</b>	Dataset
<b>Series Name</b>	
<b>Related Resources 2</b>	
<b>Related Resource Name</b>	Canadian Wave Data
<b>Resource Code</b>	<a href="https://www.isdm.gc.ca/isdm-gdsi/waves-vagues/data-donnees/index-eng.asp">https://www.isdm.gc.ca/isdm-gdsi/waves-vagues/data-donnees/index-eng.asp</a>
<b>Identifier Type</b>	URL
<b>Relationship To This Dataset</b>	IsPartOf
<b>Resource Type</b>	Online Resource
<b>Type</b>	Dataset
<b>Series Name</b>	
<b>Publications</b>	
<b>Publications 1</b>	
<b>Publication Name</b>	Quality Control of Weather/Wave Buoy Temperature Data Provided by Environment and Climate Change Canada

<b>Identifier Code</b>	<a href="https://drive.google.com/file/d/1J6i8PFuDN0Ca-8wdjfmAWRmeylPGn_s4/view">https://drive.google.com/file/d/1J6i8PFuDN0Ca-8wdjfmAWRmeylPGn_s4/view</a>
<b>Identifier Type</b>	URL
<b>Relationship to this dataset</b>	Describes
<b>Resource Type</b>	Online Resource
<b>Publication Type</b>	DataPaper
<b>Spatial regions</b>	lake-winnipeg
<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

<b>URL</b>	<a href="https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/DFO_MEDS_BUOYS.csv?STN_ID%2Ctime%2CQ_FLAG%2Clatitude%2Clongitude%2Cwater_depth%2CVCAR%2CVTPK">https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/DFO_MEDS_BUOYS.csv?STN_ID%2Ctime%2CQ_FLAG%2Clatitude%2Clongitude%2Cwater_depth%2CVCAR%2CVTPK</a>
<b>Name</b>	Lake Winnipeg Narrows: 2001 - 2021
<b>Description</b>	Historical data from the Lake Winnipeg Narrows buoy (STN_ID= C45145).
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://data.cioospacific.ca/erddap/tabledap/ECCC_MSC_BUOYS.csv?time%2Cstn_typ%2Cwmo_synop_id%2Cwmo_identifier_extended%2Cstn_nam%2Cmsc_id%2Cstn_elev%2Csensor_table_number%2Clatitude%2Clongitude%2Cdate_tm%2Cbuoynum">https://data.cioospacific.ca/erddap/tabledap/ECCC_MSC_BUOYS.csv?time%2Cstn_typ%2Cwmo_synop_id%2Cwmo_identifier_extended%2Cstn_nam%2Cmsc_id%2Cstn_elev%2Csensor_table_number%2Clatitude%2Clongitude%2Cdate_tm%2Cbuoynum</a>
<b>Name</b>	Lake Winnipeg Narrows: 2021 - 2024
<b>Description</b>	Current Lake Winnipeg Narrows buoy data (C45145) from the Meteorological Service of Canada (MSC).
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/DFO_MEDS_BUOYS.csv?STN_ID%2Ctime%2CQ_FLAG%2Clatitude%2Clongitude%2Cwater_depth%2CVCAR%2CVTPK">https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/DFO_MEDS_BUOYS.csv?STN_ID%2Ctime%2CQ_FLAG%2Clatitude%2Clongitude%2Cwater_depth%2CVCAR%2CVTPK</a>
<b>Name</b>	Lake Winnipeg North Basin: 2004 - 2021
<b>Description</b>	Historical data from the Lake Winnipeg North basin buoy (STN_ID= C45144).
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://data.cioospacific.ca/erddap/tabledap/ECCC_MSC_BUOYS.csv?time%2Cstn_typ%2Cwmo_synop_id%2Cwmo_identifier_extended%2Cstn_nam%2Cmsc_id%2Cstn_elev%2Csensor_table_number%2Clatitude%2Clongitude%2Cdate_tm%2Cbuoynum">https://data.cioospacific.ca/erddap/tabledap/ECCC_MSC_BUOYS.csv?time%2Cstn_typ%2Cwmo_synop_id%2Cwmo_identifier_extended%2Cstn_nam%2Cmsc_id%2Cstn_elev%2Csensor_table_number%2Clatitude%2Clongitude%2Cdate_tm%2Cbuoynum</a>
<b>Name</b>	Lake Winnipeg North Basin : 2022 - 2024
<b>Description</b>	Current Lake Winnipeg North Basin buoy data (C45144) from the Meteorological Service of Canada (MSC).
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/DFO_MEDS_BUOYS.csv?STN_ID%2Ctime%2CQ_FLAG%2Clatitude%2Clongitude%2Cwater_depth%2CVCAR%2CVTPK">https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/DFO_MEDS_BUOYS.csv?STN_ID%2Ctime%2CQ_FLAG%2Clatitude%2Clongitude%2Cwater_depth%2CVCAR%2CVTPK</a>
<b>Name</b>	Lake Winnipeg South Basin: 1999 - 2021

<b>Description</b>	Historical data from the Lake Winnipeg South Basin buoy (STN_ID= C45140).
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://data.cioospacific.ca/erddap/taledap/ECCC_MSC_BUOYS.csvp?time%2Cstn_typ%2Cwmo_synop_id%2Cwmo_identifier_extended%2Cstn_nam%2Cmsc_id%2Cstn_elev%2Csensor_table_number%2Clatitude%2Clongitude%2Cdate_tm%2Cb buoy">https://data.cioospacific.ca/erddap/taledap/ECCC_MSC_BUOYS.csvp?time%2Cstn_typ%2Cwmo_synop_id%2Cwmo_identifier_extended%2Cstn_nam%2Cmsc_id%2Cstn_elev%2Csensor_table_number%2Clatitude%2Clongitude%2Cdate_tm%2Cb buoy</a>
<b>Name</b>	Lake Winnipeg South Basin: 2021 - 2024
<b>Description</b>	Current Lake Winnipeg South Basin buoy data (C45140) from the Meteorological Service of Canada (MSC).
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/9a13011d-4a84-42f2-84fd-f4b07b5fa0ee/resource/ccf50cf5-1a65-4f22-a5e5-eaf616c438c5/download/data-dictionary.c">https://canwin-datahub.ad.umanitoba.ca/data/dataset/9a13011d-4a84-42f2-84fd-f4b07b5fa0ee/resource/ccf50cf5-1a65-4f22-a5e5-eaf616c438c5/download/data-dictionary.c</a>
<b>Name</b>	Data dictionary (Historical data stream)
<b>Description</b>	Data dictionary for historical buoy data stream (up to 2021).
<b>Format</b>	CSV
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3Alake_winnipeg_buoys&amp;outputFormat=json&amp;srs=">https://canwinmap.ad.umanitoba.ca/geoserver/ows?service=WFS&amp;version=1.0.0&amp;request=GetFeature&amp;typename=geonode%3Alake_winnipeg_buoys&amp;outputFormat=json&amp;srs=</a>
<b>Name</b>	Lake Winnipeg buoy locations
<b>Description</b>	
<b>Format</b>	GeoJSON
<b>Resource Category</b>	web_services
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/9a13011d-4a84-42f2-84fd-f4b07b5fa0ee/resource/04e85fcc-7610-429b-819d-c4b752b98d46/download/updated-eccc-l">https://canwin-datahub.ad.umanitoba.ca/data/dataset/9a13011d-4a84-42f2-84fd-f4b07b5fa0ee/resource/04e85fcc-7610-429b-819d-c4b752b98d46/download/updated-eccc-l</a>
<b>Name</b>	ECCC Lake Winnipeg data QA/QC log file
<b>Description</b>	This log file contains important information about the buoy data streams.
<b>Format</b>	DOCX
<b>Resource Category</b>	supplemental

## Deployment details

<b>Title</b>	Lake Winnipeg narrows ODAS buoy deployment_2022
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/lake-winnipeg-narrows-odas-buoy-deployment_2022">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/lake-winnipeg-narrows-odas-buoy-deployment_2022</a>
<b>Title</b>	Lake Winnipeg south basin ODAS buoy deployment_2022
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/lake-winnipeg-south-basin-odas-buoy-deployment_2022">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/lake-winnipeg-south-basin-odas-buoy-deployment_2022</a>
<b>Title</b>	Lake Winnipeg north ODAS buoy deployment_2022
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/lake-winnipeg-north-odas-buoy-deployment_2022">https://canwin-datahub.ad.umanitoba.ca/data/fr/deployment_details/lake-winnipeg-north-odas-buoy-deployment_2022</a>