

# Metadata

<b>Title</b>	MBGL Idronaut Data
<b>Research Program Name</b>	The Manitoba Great Lakes Program
<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>Website</b>	
<b>Theme</b>	
<b>Status</b>	In Progress
<b>Project Area</b>	Lake Winnipeg Basin,Manitoba Great Lakes
<b>Spatial regions</b>	
<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>	
<b>Project DOI</b>	10.34992/xe43-xx80
<b>Metadata Creation Date</b>	2023

**Publisher** CanWIN

## Principal Investigators

### Principal Investigators 1

**Principal Investigator Name** McCullough, Greg

**Type of Name** Personal

**Principal Investigator Email** [Greg.McCullough@umanitoba.ca](mailto:Greg.McCullough@umanitoba.ca)

**Principal Investigator Affiliation** Centre for Earth Observation Science - University of Manitoba

**Principal Investigator ORCID ID**

### Principal Investigators 2

**Principal Investigator Name** Herbert, Claire

**Type of Name** Personal

**Principal Investigator Email** [Claire.Herbert@umanitoba.ca](mailto:Claire.Herbert@umanitoba.ca)

**Principal Investigator Affiliation** Centre for Earth Observation Science - University of Manitoba

**Principal Investigator ORCID ID** 0000-0003-2724-4200

ORCID

<http://orcid.org/>

## Co- Investigators

<b>Co- Investigators 1</b>	
<b>Co- Investigator Name</b>	Rodgers, Katelyn
<b>Co- Investigator Role</b>	ProjectMember
<b>Co- Investigator Email</b>	<a href="mailto:Katelyn.Rodgers1@umanitoba.ca">Katelyn.Rodgers1@umanitoba.ca</a>
<b>Co- Investigator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Co- Investigator ORCID ID</b>	
<b>Project Data Curator</b>	Herbert, Claire
<b>Project Data Curator email</b>	<a href="mailto:Claire.Herbert@umanitoba.ca">Claire.Herbert@umanitoba.ca</a>
<b>Project Data Curator Affiliation</b>	Centre for Earth Observation Science - University of Manitoba
<b>Project Start Date</b>	2018-01-01
<b>Project End Date</b>	
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Schema Name</b>	SPDX
<b>Licence 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>Awards 1</b>	
<b>Award Title</b>	
<b>Award URL</b>	
<b>Funder Name</b>	
<b>Funder Identifier</b>	
<b>Funder Identifier Type</b>	
<b>Funder identifier URL</b>	
<b>Grant Number</b>	
<b>Related Facilities</b>	□

## Data and Resources

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/4dc0e836-e89c-4b9b-8a14-6edea9afddd2/download/idronautuse.docx">https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/4dc0e836-e89c-4b9b-8a14-6edea9afddd2/download/idronautuse.docx</a>
<b>Name</b>	MB Great Lakes Idronaut use Protocols
<b>Description</b>	Protocols for using the Idronaut OceanSeven304 CTD, including setting up, downloading data, and turning off the instrument.
<b>Format</b>	PDF
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/0ab77413-b4c7-4919-8c75-7886be83096e/download/idronautctd_cookbook.pdf">https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/0ab77413-b4c7-4919-8c75-7886be83096e/download/idronautctd_cookbook.pdf</a>
<b>Name</b>	Idronaut CTD Cookbook
<b>Description</b>	Idronaut OceanSeven 304 CTD data curation cookbook.

<b>Format</b>	PDF
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/fd31d352-31d3-494d-85eb-6e1fba004c7a/download/idronaut_data_workflow.rmd">https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/fd31d352-31d3-494d-85eb-6e1fba004c7a/download/idronaut_data_workflow.rmd</a>
<b>Name</b>	Idronaut Data Workflow Rmarkdown
<b>Description</b>	Rmarkdown script used to clean and curate Idronaut CTD used for MBGL group. Description of data types and scripts, see Idronaut CTD Cookbook.
<b>Format</b>	Rmd
<b>Resource Category</b>	scripts
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/eabf336f-5b77-4780-8c32-ac3220a5529a/download/plot_temp_pres_script.r">https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/eabf336f-5b77-4780-8c32-ac3220a5529a/download/plot_temp_pres_script.r</a>
<b>Name</b>	Temperature Pressure Plot Script
<b>Description</b>	R script for plotting temperature against pressure (equivalent to depth).
<b>Format</b>	R
<b>Resource Category</b>	scripts
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/593adbea-6404-46ed-9405-bcd993671b62/download/idronaut-r-project.rproj">https://canwin-datahub.ad.umanitoba.ca/data/dataset/033d7863-1c85-4df1-9017-6ba5fd85911c/resource/593adbea-6404-46ed-9405-bcd993671b62/download/idronaut-r-project.rproj</a>
<b>Name</b>	Idronaut R-Project file
<b>Description</b>	Idronaut R-Project file to assist with using the .Rmd and .R script for data cleaning, curating, and graphing.
<b>Format</b>	
<b>Resource Category</b>	scripts

# Related Datasets

<b>Title</b>	Waterhen Lake CTD Idronaut Data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lwh-idronaut-data">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lwh-idronaut-data</a>
<b>Title</b>	Lake Winnipegosis CTD Idronaut data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lwo-idronaut">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lwo-idronaut</a>
<b>Title</b>	Lake Manitoba CTD Idronaut Data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lmb-idronaut">https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lmb-idronaut</a>