

# 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

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**Type of Name** Personal

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<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>

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<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/dataset/mbgl-lwh-idronaut-data">https://canwin-datahub.ad.umanitoba.ca/data/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/dataset/mbgl-lwo-idronaut">https://canwin-datahub.ad.umanitoba.ca/data/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/dataset/mbgl-lmb-idronaut">https://canwin-datahub.ad.umanitoba.ca/data/dataset/mbgl-lmb-idronaut</a>