

Metadata

Title	MBGL Idronaut Data
Research Program Name	The Manitoba Great Lakes Program
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Website	
Theme	
Status	In Progress
Project Area	Lake Winnipeg Basin,Manitoba Great Lakes
Spatial regions	
Spatial extent West Bound Longitude	
Spatial extent East Bound Longitude	
Spatial extent South Bound Latitude	
Spatial extent North Bound Latitude	
Project DOI	10.34992/xe43-xx80
Metadata Creation Date	2023

Publisher CanWIN

Principal Investigators

Principal Investigators 1

Principal Investigator Name McCullough, Greg

Type of Name Personal

Principal Investigator Email 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

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

Co- Investigators 1	
Co- Investigator Name	Rodgers, Katelyn
Co- Investigator Role	ProjectMember
Co- Investigator Email	Katelyn.Rodgers1@umanitoba.ca
Co- Investigator Affiliation	Centre for Earth Observation Science - University of Manitoba
Co- Investigator ORCID ID	
Project Data Curator	Herbert, Claire
Project Data Curator email	Claire.Herbert@umanitoba.ca
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba
Project Start Date	2018-01-01
Project End Date	
License Name	Creative Commons Attribution 4.0 International
Licence Schema Name	SPDX
Licence URL	https://spdx.org/licenses

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Awards	
Awards 1	
Award Title	
Award URL	
Funder Name	
Funder Identifier	
Funder Identifier Type	
Funder identifier URL	
Grant Number	
Related Facilities	□

Data and Resources

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

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

Related Datasets

Title	Waterhen Lake CTD Idronaut Data
URL	https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lwh-idronaut-data
Title	Lake Winnipegosis CTD Idronaut data
URL	https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lwo-idronaut
Title	Lake Manitoba CTD Idronaut Data
URL	https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/mbgl-lmb-idronaut