

Metadata

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|--|---|
| 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

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Type of Name Personal

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Co- Investigators

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

Data and Resources

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|--------------------------|---|
| 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. |

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|--------------------------|---|
| 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

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