

# Metadata

<b>Dataset Name</b>	Lake Manitoba CTD Idronaut Data
<b>Dataset General Type</b>	CTD profiles
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	1.2
<b>Program Website</b>	
<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>Dataset Status</b>	In Progress
<b>Maintenance and Update Frequency</b>	Irregular
<b>Dataset Last Revision Date</b>	2023-02-16
<b>Dataset DOI</b>	
<b>Metadata Creation Date</b>	2025
<b>Publisher</b>	CanWIN
<b>Dataset Authors</b>	
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<b>Dataset Collection Start Date</b>	2018-01-01
<b>Dataset Collection End Date</b>	2018-01-01
<b>Sample Collection</b>	
<b>Sample Collection 1</b>	
<b>Sampling Instrument Name</b>	Idronaut CTD
<b>Standardized Sampling Instrument Name</b>	Idronaut Ocean Seven 304 CTD
<b>Sample Collection Method Name</b>	MBGL Protocols
<b>Comment</b>	Typically collected from S/N 0306149 or 0306147
<b>Method Link</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mbgl-protocols">https://canwin-datahub.ad.umanitoba.ca/data/publication/mbgl-protocols</a>
<b>Method Summary</b>	
<b>Method Description Type</b>	Methods
<b>Activity Collection Type</b>	Field Measurement/Observation - Portable Data Logger
<b>Preferred citation</b>	

<b>Analytical Instrument</b>	
<b>Analytical Method</b>	
<b>Analytical Method 1</b>	
<b>Analytical Method Name</b>	Idronaut CTD Cookbook
<b>Method Link</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/project/mbgl-idronaut-data/resource/0ab77413-b4c7-4919-8c75-7886be83096e">https://canwin-datahub.ad.umanitoba.ca/data/project/mbgl-idronaut-data/resource/0ab77413-b4c7-4919-8c75-7886be83096e</a>
<b>Method Summary</b>	
<b>Laboratory</b>	MBGL 566
<b>Comments</b>	
<b>Variables Measured</b>	temperature, pressure, salinity, conductivity
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Type</b>	Open
<b>Embargo Date</b>	
<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.
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<b>Awards</b>	
<b>Related Resources</b>	
<b>Publications</b>	
<b>Spatial regions</b>	

**Spatial  
extent West  
Bound  
Longitude**

**Spatial  
extent East  
Bound  
Longitude**

**Spatial  
extent South  
Bound  
Latitude**

**Spatial  
extent North  
Bound  
Latitude**

# Data and Resources

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/9d6a2bb5-4638-4fcc-b858-16d841bb3696/download/mb145886_ctd0306149_2019aug16_l1_2.txt">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/9d6a2bb5-4638-4fcc-b858-16d841bb3696/download/mb145886_ctd0306149_2019aug16_l1_2.txt</a>
<b>Name</b>	MB145886_CTD0306149_2019Aug16_L1_2
<b>Description</b>	Curated dataset for CTD downcast measurements for station MB145886 on 2019-08-16 using Idronaut 0306149.
<b>Format</b>	TXT
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/bad30dad-24a3-44fa-af93-b06c40aaf378/download/data-dictionary-idronaut.csv">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/bad30dad-24a3-44fa-af93-b06c40aaf378/download/data-dictionary-idronaut.csv</a>
<b>Name</b>	CTD Idronaut Data Dictionary
<b>Description</b>	Data Dictionary of column headers for CTD Idronaut datasets.
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/02682b4b-e8f0-4b1b-b707-31278ffa0f37/download/gl_lmb_m_ctd0306149_20181018_l1_2.txt">https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/02682b4b-e8f0-4b1b-b707-31278ffa0f37/download/gl_lmb_m_ctd0306149_20181018_l1_2.txt</a>
<b>Name</b>	GL_LMB_M_CTD0306149_20181018_L1_2
<b>Description</b>	Curated dataset for CTD downcast measurements for station GL_LMB_M (Lake Manitoba Mooring) on 2018-10-18 using Idronaut 0306149.
<b>Format</b>	TXT
<b>Resource Category</b>	data

## Related Publications

<b>Title</b>	Manitoba Great Lakes Protocols
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/mbgl-protocols">https://canwin-datahub.ad.umanitoba.ca/data/publication/mbgl-protocols</a>

## Instrument details

<b>Title</b>	Idronaut 0306147
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/instrument_details/ctd-0306147">https://canwin-datahub.ad.umanitoba.ca/data/instrument_details/ctd-0306147</a>