

Metadata

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

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

**Spatial
extent West
Bound
Longitude**

**Spatial
extent East
Bound
Longitude**

**Spatial
extent South
Bound
Latitude**

**Spatial
extent North
Bound
Latitude**

Data and Resources

URL	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
Name	MB145886_CTD0306149_2019Aug16_L1_2
Description	Curated dataset for CTD downcast measurements for station MB145886 on 2019-08-16 using Idronaut 0306149.
Format	TXT
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/7b68c108-8e23-4046-ab43-bc4894a73a66/resource/bad30dad-24a3-44fa-af93-b06c40aaf378/download/data-dictionary-idronaut.csv
Name	CTD Idronaut Data Dictionary
Description	Data Dictionary of column headers for CTD Idronaut datasets.
Format	CSV
Resource Category	data
URL	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
Name	GL_LMB_M_CTD0306149_20181018_L1_2
Description	Curated dataset for CTD downcast measurements for station GL_LMB_M (Lake Manitoba Mooring) on 2018-10-18 using Idronaut 0306149.
Format	TXT
Resource Category	data

Related Publications

Title	Manitoba Great Lakes Protocols
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/publication/mbgl-protocols

Instrument details

Title	Idronaut 0306147
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/instrument_details/ctd-0306147