

# Metadata

<b>Dataset Name</b>	LWRC 2009 Seabird Rosette DATA
<b>Dataset General Type</b>	Namao CTD data collection
<b>Dataset Type</b>	Collection
<b>Dataset Level</b>	1.1
<b>Program Website</b>	<a href="https://www.lakewinnipegresearch.org/">https://www.lakewinnipegresearch.org/</a>
<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>Title</b>	Freshwater
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/group/freshwater</a>
<b>Dataset Status</b>	Complete
<b>Maintenance and Update Frequency</b>	Not planned
<b>Dataset Last Revision Date</b>	2021-04-30
<b>Dataset DOI</b>	
<b>Metadata Creation Date</b>	2024
<b>Publisher</b>	CanWIN

## Dataset Authors

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### Contributors 1

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## Project Data Curator Affiliation

Environment and Climate Change Canada

## Dataset Collection Start Date

2009-05-28

## Dataset Collection End Date

2009-10-04

## Sample Collection

### Sample Collection 1

**Sampling Instrument Name** Seabird Rosette

**Standardized Sampling Instrument Name** Seabird CTD

**Sample Collection Method Name**

**Comment**

**Method Link**

**Method Summary**

**Method Description Type** Methods

**Activity Collection Type** Field Measurement

**Preferred citation**

**Analytical Instrument**

**Analytical Method**

**License Name** Open Government Licence 2.0 – Canada

**Licence Type** Open

**Embargo Date**

**Licence URL** <https://spdx.org/licenses>

<b>Terms of Access</b>	<p>For Lake Winnipeg data collected by researchers on board the Motor Vessels NAMA0 / FYLGJA or with the assistance of the LWRC's Science Program: [Some of] The data presented herein were collected on board the M/V Namao (or Fylgja) with logistical and field assistance provided by the Lake Winnipeg Research Consortium's Science Program. Personal thanks can be made at the discretion of the author to acknowledge support provided by individuals representing the Lake Winnipeg Research Consortium, including program managers/coordinators, technicians, and crew of the M/V NAMA0. 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.</p>												
<b>Terms of Use</b>	<p>By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).</p>												
<b>Awards</b>													
<b>Related Resources</b>													
<b>Publications</b>  <b>Publications 1</b>  <table border="0" data-bbox="159 1030 1436 1500"> <tr> <td data-bbox="159 1030 395 1120"><b>Publication Name</b></td> <td data-bbox="395 1030 1436 1120">DePalma, S., 2010. Quality assurance procedures for shipboard depth- dependent profiled data. Document RS-10-002, Environment Canada, Canada Centre for Inland Waters, Burlington, ON</td> </tr> <tr> <td data-bbox="159 1142 395 1198"><b>Identifier Code</b></td> <td data-bbox="395 1142 1436 1198"></td> </tr> <tr> <td data-bbox="159 1209 395 1265"><b>Identifier Type</b></td> <td data-bbox="395 1209 1436 1265"></td> </tr> <tr> <td data-bbox="159 1276 395 1355"><b>Relationship to this dataset</b></td> <td data-bbox="395 1276 1436 1355"></td> </tr> <tr> <td data-bbox="159 1366 395 1422"><b>Resource Type</b></td> <td data-bbox="395 1366 1436 1422">Online Resource</td> </tr> <tr> <td data-bbox="159 1433 395 1500"><b>Publication Type</b></td> <td data-bbox="395 1433 1436 1500"></td> </tr> </table>	<b>Publication Name</b>	DePalma, S., 2010. Quality assurance procedures for shipboard depth- dependent profiled data. Document RS-10-002, Environment Canada, Canada Centre for Inland Waters, Burlington, ON	<b>Identifier Code</b>		<b>Identifier Type</b>		<b>Relationship to this dataset</b>		<b>Resource Type</b>	Online Resource	<b>Publication Type</b>		
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<b>Relationship to this dataset</b>													
<b>Resource Type</b>	Online Resource												
<b>Publication Type</b>													
<b>Spatial regions</b>	lake-winnipeg												
<b>Spatial extent West Bound Longitude</b>													
<b>Spatial extent East Bound Longitude</b>													

**Spatial  
extent South  
Bound  
Latitude**

**Spatial  
extent North  
Bound  
Latitude**

## Data and Resources

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/40c68b54-ce0e-4015-9750-bb101b51d298/download/2009148-010-006-spring-20220511t202301z-001.zip>

**Name** 2009148-010-006 Spring DATA processed

**Description** Compressed folder containing full or averaged CTD profile (.csv) of discrete locations on Lake Winnipeg. For each profile generated there is an associated Matlab script detailing the processing code of the profile.

**Format** ZIP

**Resource  
Category** data

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/8a67f896-1273-4d35-bdd0-2d6c02ee8f3b/download/2009195-010-006-summer-20220511t202303z-001.zip>

**Name** 2009195-010-006 Summer DATA processed

**Description** Compressed folder containing full or averaged CTD profile (.csv) of discrete locations on Lake Winnipeg. For each profile generated there is an associated Matlab script detailing the processing code of the profile.

**Format** ZIP

**Resource  
Category** data

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/af43c3d2-21e1-411c-b9f5-d7eaf36ad1ed/download/2009257-010-006-fall-20220511t202305z-001.zip>

**Name** 2009257-010-006 Fall DATA processed

**Description** Compressed folder containing full or averaged CTD profile (.csv) of discrete locations on Lake Winnipeg. For each profile generated there is an associated Matlab script detailing the processing code of the profile.

**Format** ZIP

**Resource  
Category** data

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/e9893bc2-618a-46e8-ac4c-317297e822d8/download/lwrc-2009-spring-seabird-rosette-data-mapped.zip">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/e9893bc2-618a-46e8-ac4c-317297e822d8/download/lwrc-2009-spring-seabird-rosette-data-mapped.zip</a>
<b>Name</b>	2009148-010-006 Spring DATA mapped
<b>Description</b>	This dataset is composed of images including chlorophyll, dissolved oxygen, specific conductance, surface PAR, temperature, and turbidity measurements on Lake Winnipeg.
<b>Format</b>	ZIP
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/c92d007d-21ce-4d76-bfd4-1702324e71b6/download/lwrc-2009-summer-seabird-rosette-data-mapped.zip">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/c92d007d-21ce-4d76-bfd4-1702324e71b6/download/lwrc-2009-summer-seabird-rosette-data-mapped.zip</a>
<b>Name</b>	2009195-010-006 Summer DATA mapped
<b>Description</b>	This dataset is composed of images including chlorophyll, dissolved oxygen, specific conductance, surface PAR, temperature, and turbidity measurements on Lake Winnipeg.
<b>Format</b>	ZIP
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/919af58f-0854-4884-85c6-517d959c869d/download/lwrc-2009-fall-seabird-rosette-data-mapped.zip">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/919af58f-0854-4884-85c6-517d959c869d/download/lwrc-2009-fall-seabird-rosette-data-mapped.zip</a>
<b>Name</b>	2009257-010-006 Fall DATA mapped
<b>Description</b>	This dataset is composed of images including chlorophyll, dissolved oxygen, specific conductance, surface PAR, temperature, and turbidity measurements on Lake Winnipeg.
<b>Format</b>	ZIP
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/1141f9ac-c4b4-42d6-af15-6cfe7cfb5ee8/download/2009148-010-006chlorophyll.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/1141f9ac-c4b4-42d6-af15-6cfe7cfb5ee8/download/2009148-010-006chlorophyll.png</a>
<b>Name</b>	Spring DATA mapped chlorophyll
<b>Description</b>	Image of spring chlorophyll measurements on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/8148e021-4332-404d-b5a5-c75a4877407d/download/2009148-010-006descentrate.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/8148e021-4332-404d-b5a5-c75a4877407d/download/2009148-010-006descentrate.png</a>

<b>Name</b>	Spring DATA mapped decent rate
<b>Description</b>	Image of spring decent rates on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/e0a9b274-1c70-4253-b3ed-e9cf3c3ff07e/download/2009148-010-006dissolvedoxygen.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/e0a9b274-1c70-4253-b3ed-e9cf3c3ff07e/download/2009148-010-006dissolvedoxygen.png</a>
<b>Name</b>	Spring DATA mapped dissolved oxygen
<b>Description</b>	Image of spring dissolved oxygen measurements on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/2e0295ed-6221-4362-ae75-986afde505f9/download/2009148-010-006o2sat.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/2e0295ed-6221-4362-ae75-986afde505f9/download/2009148-010-006o2sat.png</a>
<b>Name</b>	Spring DATA mapped saturated oxygen
<b>Description</b>	Image of spring saturated oxygen measurements on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/01417c47-0151-4c5a-bd7e-6459ccf0a19c/download/2009148-010-006specificconductance.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/01417c47-0151-4c5a-bd7e-6459ccf0a19c/download/2009148-010-006specificconductance.png</a>
<b>Name</b>	Spring DATA mapped specific conductance
<b>Description</b>	Image of spring specific conductance measurements on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/410fdcb9-8bea-4e82-a423-11c928a21a3d/download/2009148-010-006temperature.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/410fdcb9-8bea-4e82-a423-11c928a21a3d/download/2009148-010-006temperature.png</a>
<b>Name</b>	Spring DATA mapped temperature
<b>Description</b>	Image of spring temperature measurements on Lake Winnipeg.

<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/d42cb085-21c3-406a-a7d6-0a84a33e0c1b/download/2009148-010-006turbidity.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/d42cb085-21c3-406a-a7d6-0a84a33e0c1b/download/2009148-010-006turbidity.png</a>
<b>Name</b>	Spring DATA mapped turbidity
<b>Description</b>	Image of spring turbidity measurements on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/852c3b08-1ece-4781-844d-d0e14c9d41f9/download/2009148-010-006underwaterpar.png">https://canwin-datahub.ad.umanitoba.ca/data/dataset/0390be64-cf48-4527-9978-8c6662243f1c/resource/852c3b08-1ece-4781-844d-d0e14c9d41f9/download/2009148-010-006underwaterpar.png</a>
<b>Name</b>	Spring DATA mapped underwater PAR
<b>Description</b>	Image of spring underwater photosynthetically active radiation (PAR) measurements on Lake Winnipeg.
<b>Format</b>	PNG
<b>Resource Category</b>	data

## Related Publications

<b>Title</b>	LWRC 2009 Seabird Rosette M/V NAMAQ QA
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/publication/2009-seabird-qa">https://canwin-datahub.ad.umanitoba.ca/data/publication/2009-seabird-qa</a>

## Campaigns

<b>Title</b>	LWRC 2009 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/campaign/lwrc-2009-campaign">https://canwin-datahub.ad.umanitoba.ca/data/campaign/lwrc-2009-campaign</a>