

# Metadata

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|---|---|
| <b>Dataset Name</b>                     | AVOS M/V NAMA0  |
| <b>Dataset General Type</b>             | AVOS  |
| <b>Dataset Type</b>                     | Dataset   |
| <b>Dataset Level</b>                    | 1.0   |
| <b>Program Website</b>                  | <a href="https://www.lakewinnipegresearch.org/ship-tracking/">https://www.lakewinnipegresearch.org/ship-tracking/</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>                            | Atmosphere  |
| <b>URL</b>                              | <a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/modelling">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/modelling</a>   |
| <b>Title</b>                            | Freshwater  |
| <b>URL</b>                              | <a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/group/freshwater">https://canwin-datahub.ad.umanitoba.ca/data/fr/group/freshwater</a> |
| <b>Dataset Status</b>                   | Complete  |
| <b>Maintenance and Update Frequency</b> | Annually  |
| <b>Dataset Last Revision Date</b>       | 2022-04-05  |
| <b>Dataset DOI</b>                      |   |
| <b>Metadata Creation Date</b>           | 2023  |
| <b>Publisher</b>                        | CanWIN  |
| <b>Dataset Authors</b>                  |   |
| <b>Dataset Authors 1</b>                |   |
| <b>Name</b>                             | Meteorological Service of Canada  |
| <b>Type of Name</b>                     | Personal  |
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| <b>Affiliation</b>                      | Lake Winnipeg Research Consortium   |
| <b>ORCID ID</b>                         |   |

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| <b>Project Data Curator</b>                  | CanWIN   |
| <b>Project Data Curator email</b>            | <a href="mailto:portalco@umanitoba.ca">portalco@umanitoba.ca</a>   |
| <b>Project Data Curator Affiliation</b>      | Centre for Earth Observation Science - University of Manitoba  |
| <b>Dataset Collection Start Date</b>         | 2010-01-01   |
| <b>Dataset Collection End Date</b>           | 2019-09-30   |
| <b>Sample Collection</b>                     |  |
| <b>Sample Collection 1</b>                   |  |
| <b>Sampling Instrument Name</b>              | AVOS   |
| <b>Standardized Sampling Instrument Name</b> | METEOROLOGICAL STATIONS  |
| <b>Sample Collection Method Name</b>         |  |
| <b>Comment</b>                               |  |
| <b>Method Link</b>                           |  |
| <b>Method Summary</b>                        |  |
| <b>Method Description Type</b>               | Methods  |
| <b>Activity Collection Type</b>              |  |
| <b>Preferred citation</b>                    |  |
| <b>Analytical Instrument</b>                 |  |
| <b>Analytical Method</b>                     |  |
| <b>License Name</b>                          | Open Government Licence 2.0 – Canada   |
| <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. |
| <b>Terms of Use</b>                          | By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).  |
| <b>Awards</b>                                |  |
| <b>Related Resources</b>                     |  |
| <b>Publications</b>                          |  |

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|--|---------------|
| <b>Spatial regions</b>                     | lake-winnipeg |
| <b>Spatial extent West Bound Longitude</b> |               |
| <b>Spatial extent East Bound Longitude</b> |               |
| <b>Spatial extent South Bound Latitude</b> |               |
| <b>Spatial extent North Bound Latitude</b> |               |

## Data and Resources

|                          |   |
|--------------------------|---|
| <b>URL</b>               | <a href="https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/AVOS_namao_ee8d_d94d_df77.csvp?time%2Clatitude%2Clongitude%2Cwind_speed%2CrelWindDirFrom%2CWindDirFrom%2Cair_pressure%2Cair_temperature%2Crelative_humidity%2CTemp%2Cplatform_speed_w12-24T00%3A00Z&amp;time%3C=2019-12-31T23%3A40Z">https://CanWINerddap.ad.umanitoba.ca/erddap/tabledap/AVOS_namao_ee8d_d94d_df77.csvp?time%2Clatitude%2Clongitude%2Cwind_speed%2CrelWindDirFrom%2CWindDirFrom%2Cair_pressure%2Cair_temperature%2Crelative_humidity%2CTemp%2Cplatform_speed_w12-24T00%3A00Z&amp;time%3C=2019-12-31T23%3A40Z</a> |
| <b>Name</b>              | AVOS M/V NAMA0 Data - 10 minute interval  |
| <b>Description</b>       | AVOS M/V NAMA0 10 minute interval dataset starting from 2018, 2019, and 2022.   |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/97d3b480-a9a8-47b5-b761-6105e86950d2/resource/d98f0476-795c-45e3-bec3-05e427f702a7/download/namao-avos-">https://canwin-datahub.ad.umanitoba.ca/data/dataset/97d3b480-a9a8-47b5-b761-6105e86950d2/resource/d98f0476-795c-45e3-bec3-05e427f702a7/download/namao-avos-</a>   |
| <b>Name</b>              | AVOS M/V NAMA0 Data - hourly data   |
| <b>Description</b>       | AVOS data collected from 2010 to 2022 onboard the motor vessel (M/V) NAMA0 on Lake Winnipeg and processed to show measurements every hour.  |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |
| <b>URL</b>               | <a href="https://canwin-datahub.ad.umanitoba.ca/data/dataset/97d3b480-a9a8-47b5-b761-6105e86950d2/resource/3d1130d6-6524-4a3e-8dc9-bc8cccd33ef0/download/avo-data-pro">https://canwin-datahub.ad.umanitoba.ca/data/dataset/97d3b480-a9a8-47b5-b761-6105e86950d2/resource/3d1130d6-6524-4a3e-8dc9-bc8cccd33ef0/download/avo-data-pro</a>   |
| <b>Name</b>              | AVOS M/V NAMA0 Data - hourly data 2023  |
| <b>Description</b>       | AVOS data collected from May 2022 to June 2023 onboard the motor vessel (M/V) NAMA0 on Lake Winnipeg and processed to show measurements every hour.   |
| <b>Format</b>            | CSV   |
| <b>Resource Category</b> | data  |

## Related Publications

|              |   |
|--------------|---|
| <b>Title</b> | AVOS M/V NAMA0 Data Processing  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/avos-namao-script">https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/avos-namao-script</a> |

## Instrument details

|              |   |
|--------------|---|
| <b>Title</b> | Automatic Voluntary Observing Ship System   |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/instrument_details/avos-system">https://canwin-datahub.ad.umanitoba.ca/data/fr/instrument_details/avos-system</a> |

## Campaigns

|              |   |
|--------------|---|
| <b>Title</b> | LWRC 2018 Campaign  |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2018-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2018-campaign</a> |