

# Metadata

<b>Standardized Instrument Name</b>	METEOROLOGICAL STATIONS
<b>Scheme URI</b>	<a href="http://vocab.nerc.ac.uk/collection/P19/current/PLSR0226/">http://vocab.nerc.ac.uk/collection/P19/current/PLSR0226/</a>
<b>Term URI</b>	SDN:P19::PLSR0226
<b>Instrument DOI</b>	
<b>Instrument Unique ID</b>	
<b>ID Type</b>	
<b>Model No.</b>	
<b>Instrument Type</b>	External
<b>Description</b>	Automatic Voluntary Observing Ship (AVOS) System is aboard the M/V NAMA0 and operated by the Lake Winnipeg Research Consortium. Data generated from this system is owned by Environment and Climate Change Canada (ECCC).
<b>Manufacturer</b>	Axys Environmental Systems
<b>Manufacturer type</b>	Organizational
<b>Notes</b>	
<b>Sensor Details</b>	
<b>Sensor Details 1</b>	
<b>Instrument Sensor Name</b>	R.M. Young model 05103 Anemometer
<b>Instrument Sensor Serial No.</b>	N/A
<b>Sensor Range</b>	Wind speed: n/a; Wind direction: 0-360, with 355-360 being a dead zone
<b>Sensor Sensitivity</b>	N/A
<b>Sensor Units</b>	degrees (°)
<b>Last Calibration Date</b>	

## Sensor Details 2

<b>Instrument Sensor Name</b>	Axys HATS™ digital temperature sensor
<b>Instrument Sensor Serial No.</b>	N/A
<b>Sensor Range</b>	Water temperature: NA
<b>Sensor Sensitivity</b>	Water temperature: 0.05
<b>Sensor Units</b>	degrees celsius (°C)
<b>Last Calibration Date</b>	

## Sensor Details 3

<b>Instrument Sensor Name</b>	Rotronic MP101A-T7
<b>Instrument Sensor Serial No.</b>	N/A
<b>Sensor Range</b>	Air temperature: -40 to 60; Relative humidity: 0 to 100
<b>Sensor Sensitivity</b>	N/A
<b>Sensor Units</b>	Air temperature: °C; Relative humidity: %
<b>Last Calibration Date</b>	

## Sensor Details 4

<b>Instrument Sensor Name</b>	KVH Autocomp 1000 flux
<b>Instrument Sensor Serial No.</b>	N/A
<b>Sensor Range</b>	Magnetic field compass: NA
<b>Sensor Sensitivity</b>	Magnetic field compass: 30
<b>Sensor Units</b>	degrees (°)
<b>Last Calibration Date</b>	

## Sensor Details 5

<b>Instrument Sensor Name</b>	Vaisala PTB210B1T1B digital barometer
<b>Instrument Sensor Serial No.</b>	N/A

**Sensor Range** Air pressure(1): 500 to 1100; Air pressure(2): 50 to 1100

**Sensor Sensitivity** Air pressure(1): 0.30 ; Air pressure(2): 0.50

**Sensor Units** Air pressure(1) and Air pressure(2): hectopascal (100 times 1 pascal; hPa)

**Last Calibration Date**

#### Sensor Details 6

**Instrument Sensor Name** Garmin GPS-36 Receiver

**Instrument Sensor Serial No.** N/A

**Sensor Range**

**Sensor Sensitivity**

**Sensor Units** Navigation information: time/date updates, ship position, speed, and compass correction.

**Last Calibration Date**

## Related Datasets

**Title** AVOS M/V NAMAQ

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/avos-namao>

## Campaigns

**Title** LWRC 2010 Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2010-campaign>

**Title** LWRC 2009 Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2009-campaign>

**Title** LWRC 2011 Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2011-campaign>

**Title** LWRC 2018 Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2018-campaign>

**Title** LWRC 2017 Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2017-campaign>

**Title** LWRC 2006 Campaign

<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2006-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2006-campaign</a>
<b>Title</b>	LWRC 2004 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2004-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2004-campaign</a>
<b>Title</b>	LWRC 2019 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2019-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2019-campaign</a>
<b>Title</b>	LWRC 2015 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2015-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2015-campaign</a>
<b>Title</b>	LWRC 2007 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2007-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2007-campaign</a>
<b>Title</b>	LWRC 2020 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2020-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2020-campaign</a>
<b>Title</b>	LWRC 2014 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2014-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2014-campaign</a>
<b>Title</b>	LWRC 2021 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2021-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2021-campaign</a>
<b>Title</b>	LWRC 2005 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2005-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2005-campaign</a>
<b>Title</b>	LWRC 2003 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2003-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2003-campaign</a>
<b>Title</b>	LWRC 2013 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2013-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2013-campaign</a>
<b>Title</b>	LWRC 2016 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2016-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2016-campaign</a>
<b>Title</b>	LWRC 2008 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2008-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2008-campaign</a>
<b>Title</b>	LWRC 2012 Campaign
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2012-campaign">https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2012-campaign</a>

**Title** LWRC 2002 Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/lwrc-2002-campaign>