

Metadata

Standardized Instrument Name	METEOROLOGICAL STATIONS
Scheme URI	http://vocab.nerc.ac.uk/collection/P19/current/PLSR0226/
Term URI	SDN:P19::PLSR0226
Instrument DOI	
Instrument Unique ID	
ID Type	
Model No.	
Instrument Type	External
Description	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).
Manufacturer	Axys Environmental Systems
Manufacturer type	Organizational
Notes	
Sensor Details	
Sensor Details 1	
Instrument Sensor Name	R.M. Young model 05103 Anemometer
Instrument Sensor Serial No.	N/A
Sensor Range	Wind speed: n/a; Wind direction: 0-360, with 355-360 being a dead zone
Sensor Sensitivity	N/A
Sensor Units	degrees (°)
Last Calibration Date	

Sensor Details 2

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

Sensor Details 3

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

Sensor Details 4

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

Sensor Details 5

Instrument Sensor Name	Vaisala PTB210B1T1B digital barometer
Instrument Sensor Serial No.	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 NAMA0

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

Campaigns

Title LWRC 2010 Campaign

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

Title LWRC 2009 Campaign

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

Title LWRC 2011 Campaign

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

Title LWRC 2018 Campaign

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

Title LWRC 2017 Campaign

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

Title LWRC 2006 Campaign

URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2006-campaign
Title	LWRC 2004 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2004-campaign
Title	LWRC 2019 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2019-campaign
Title	LWRC 2015 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2015-campaign
Title	LWRC 2007 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2007-campaign
Title	LWRC 2020 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2020-campaign
Title	LWRC 2014 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2014-campaign
Title	LWRC 2021 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2021-campaign
Title	LWRC 2005 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2005-campaign
Title	LWRC 2003 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2003-campaign
Title	LWRC 2013 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2013-campaign
Title	LWRC 2016 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2016-campaign
Title	LWRC 2008 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2008-campaign
Title	LWRC 2012 Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/lwrc-2012-campaign

Title LWRC 2002 Campaign

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