

Metadata

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|-------------------------------------|---|
| 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

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|-------------------------------------|---|
| 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 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

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

Title LWRC 2002 Campaign

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