

Metadata

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|-------------------------------------|--|
| Data Collector | Barber, David |
| Deployment ID | GL_LWO_M_2021_10 |
| Research Area | lake-winnipegosis |
| Deployment Dates | |
| Location or Station ID | GL_LWO_M |
| Instrument Details | |
| Instrument Details 1 | |
| Instrument Name | HOBO Oxygen Logger |
| Standardized Instrument Name | |
| Instrument Unique ID | 20775991 |
| Instrument DOI | |
| | DOI |
| Description | Onset HOBO oxygen logger measures oxygen concentration with the HOBO U26 Dissolved Oxygen Data Logger. directly from the photographs. Cap activated Sept. 21, 2021. Logging every 15 min. Will stop April 22, 2022. The sensor mooring pole Base sits about 20 cm above the anchor. The mooring was installed in 4.9 m of water. |
| Instrument Details 2 | |
| Instrument Name | Ecotriplet 1442 |
| Standardized Instrument Name | WETLabs ECO Triplet sensor |
| Instrument Unique ID | 1442 |
| Instrument DOI | |
| | DOI |

Description A three-optical-sensor, user-defined instrument that may carry any combination of single-wavelength fluorometers or scattering meters. The fluorometers can be configured (with typical sensitivities) for chlorophyll (470/695 nm, sensitivity 0.015-0.025 ug/l), FDOM (370/460 nm, sensitivity 0.184 ppb), phycocyanin (630/680 nm, 0.086 ppb), phycoerythrin (520/595 nm, sensitivity 0.086 ppb), uranine (470/530 nm, sensitivity 0.073 ppb) or rhodamine (520/595 nm, 0.086 ppb). The scattering meter can typically measure optical scattering at blue, green or red wavelengths (412, 470, 532, 650, 700 and 880 nm, sensitivity 0.002-0.003 m⁻¹).

**Instrument
Details 3**

Instrument Name Alec CT 0247

Standardized Instrument Name Alec CT (conductivity, temperature) sampler

Instrument Unique ID 247

Instrument DOI

DOI

Description ACT-HR Compact-CT Conductivity and Temperature sensor used on Manitoba Great Lakes Moorings. Calibrated in Dec. 2020

**Related
Files**

Data and Resources

| | |
|--------------------------|---|
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/822d52ea-9360-4e2f-b243-83c569d22197/resource/c9866dee-f5c8-4e65-adc9-0dfd5fcf569c/download/mbglwintermooring2021-22_setupdeploymentnotes.pdf |
| Name | Lake Waterhen and Winnipegosis Mooring setup September 2021 |
| Description | Setup notes for mooring from Lakes Winnipegosis and Waterhen for deployment overwinter in October 2021 |
| Format | PDF |
| Resource Category | documents |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/822d52ea-9360-4e2f-b243-83c569d22197/resource/8f5c80f0-9bfe-4b74-8bce-177a36da3d10/download/lwo_m_retrieval_sept_2021.pdf |
| Name | Lake Winnipegosis Mooring deployment Oct 2021 |
| Description | Email summary from David Barber about Lake Winnipegosis Oct 2021 deployment |
| Format | PDF |
| Resource Category | documents |
| URL | https://canwin-datahub.ad.umanitoba.ca/data/dataset/822d52ea-9360-4e2f-b243-83c569d22197/resource/75db30f0-c143-4e45-9cf6-e6ace97d72c2/download/moorings2021_par_note.pdf |
| Name | PAR notes 2021 Mooring |
| Description | Emai regarding PAR sensor deployment on October 2021 moorings |
| Format | PDF |
| Resource Category | documents |