

Metadata

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	Email regarding PAR sensor deployment on October 2021 moorings
Format	PDF
Resource Category	documents