

# Metadata

<b>Standardized Instrument Name</b>	WETLabs ECO Triplet sensor
<b>Scheme URI</b>	<a href="http://vocab.nerc.ac.uk/collection/L22/current/TOOL0674/2/">http://vocab.nerc.ac.uk/collection/L22/current/TOOL0674/2/</a>
<b>Term URI</b>	SDN:L22::TOOL0674
<b>Instrument DOI</b>	
<b>Instrument Unique ID</b>	BBFL2WB-1436
<b>ID Type</b>	Serial Number
<b>Model No.</b>	1436
<b>Instrument Type</b>	Baseline
<b>Description</b>	<p>An ecotriplet is a three-optical-sensor, instrument that may carry any combination of single-wavelength fluorometers or scattering meters. The MBL ecotriplets are deployed on static moorings placed in the MBGL study lakes. 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), 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).</p>
<b>Manufacturer</b>	Wetlabs
<b>Manufacturer type</b>	Organizational
<b>Notes</b>	
<b>Sensor Details</b>	
<b>Sensor Details 1</b>	
<b>Instrument Sensor Name</b>	ECO Phycocyanin (PC) Fluorometer
<b>Instrument Sensor Serial No.</b>	BBFL2WB-1436
<b>Sensor Range</b>	0-175
<b>Sensor Sensitivity</b>	0.086
<b>Sensor Units</b>	ppb

**Last Calibration  
Date**

### Sensor Details 2

**Instrument  
Sensor Name** ECO Chlorophyll (Chl) Flurometer

**Instrument  
Sensor Serial  
No.** BBFL2WB-1436

**Sensor Range** 0-30; 0-50

**Sensor  
Sensitivity** 0.015; 0.025

**Sensor Units** ug/l

**Last Calibration  
Date**

### Sensor Details 3

**Instrument  
Sensor Name** Scattering Meter

**Instrument  
Sensor Serial  
No.** BBFL2WB-1436

**Sensor Range** 0-5; 0-3; 0-5

**Sensor  
Sensitivity** 0.003; 0.002

**Sensor Units** m-1

**Last Calibration  
Date**

## Campaigns

**Title** MBGL Synoptic Survey 2 July 27 - August 20, 2016

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/mbgl-ss2-july-august-2016>

**Title** MBGL Synoptic Survey 1 May-June 2016

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/mbgl-ss1-may-june-2016>