Metadata

Standardized Instrument Name	Sea-Bird SBE 19plus SEACAT CTD
Scheme URI	http://vocab.nerc.ac.uk/collection/L22/current/TOOL0047/
Term URI	SDN:L22:TOOL0047
Instrument DOI	
Instrument Unique ID	19-7783
ID Type	Serial number
Model No.	SBE 19 plus V2
Instrument Type	Baseline
Description	SBE 19 plus V2 inside a protective cage, used autonomously for ocean profiles. Sensors for conductivity, temperature, pressure (CTD). Attached sensors include PAR, two ECO triplets, dissolved oxygen, and a transmissometer.
Manufacturer	Seabird Electronics
Manufacturer type	Organizational
Notes	

Sensor Details

Sensor Details 1

Instrument Sensor Name	Temperature
Instrument Sensor Serial No.	7783
Sensor Range	-5 to +35
Sensor Sensitivity	0.0001
Sensor Units	°C
Last Calibration Date	2020-08-03

Sensor Details 2

Instrument Sensor Name	Pressure
Instrument Sensor Serial No.	7783
Sensor Range	0 to 350
Sensor Sensitivity	0.002% of full scale range
Sensor Units	decibars
Last Calibration Date	2020-08-03

Sensor Details 3

Instrument Sensor Name	Conductivity
Instrument Sensor Serial No.	7783
Sensor Range	0 to 9
Sensor Sensitivity	0.00005 (most oceanic water resolves 0.4 ppm in salinity). 0.00007 (high salinity water resolves 0.4 ppm in salinity). 0.00001 (fresh water resolves 0.1 ppm in salinity).
Sensor Units	S/m
Last Calibration Date	2020-08-03

Sensor Details 4

Instrument Sensor Name	ECO triplet
Instrument Sensor Serial No.	4663
Sensor Range	
Sensor Sensitivity	
Sensor Units	
Last Calibration Date	2020-06-29

Sensor Details 5

Instrument Sensor Name	ECO triplet
Instrument Sensor Serial No.	4664
Sensor Range	

Sensor Sensitivity	
Sensor Units	
Last Calibration Date	2020-07-08

Sensor Details 6

Instrument Sensor Name	Dissolved oxygen (SBE 43)
Instrument Sensor Serial No.	3512
Sensor Range	120% of surface saturation in all natural waters (fresh and salt)
Sensor Sensitivity	± 2% of saturation (initial)
Sensor Units	% sat, mg/L, or ml/L
Last Calibration Date	2020-06-29

Sensor Details 7

Instrument Sensor Name	PAR
Instrument Sensor Serial No.	70647
Sensor Range	~400-700 nm
Sensor Sensitivity	
Sensor Units	µE m-2 sec-1
Last Calibration Date	2020-06-29

Sensor Details 8

Instrument Sensor Name	C-Star Transmissometer
Instrument Sensor Serial No.	1598PR
Sensor Range	
Sensor Sensitivity	
Sensor Units	% (transmission) or 1/m (attenuation)
Last Calibration Date	2020-08-20

Campaigns

Title	James Bay 2021
URL	https://canwin-datahub.ad.umanitoba.ca/data/fr/campaign/james-bay-2021