

Mooring Design for CHRP3 - 2017**Deployment date:** 5/23/2017 16:50 UTC**Retrieval date:** 9/27/2017 20:50 UTC**Spar Buoy Latitude:** 41 36.107N**Spar Buoy Longitude:** 81 38.101W**ADCP Latitude:** 41 36.072N**ADCP Longitude:** 81 38.088W**Subsurface Buoy Latitude:** 41 36.049N**Subsurface Buoy Longitude:** 81 38.049W**Notes:**

Spar Buoy Sensors	Water Column Depth (m)	Subsurface Buoy Sensors	Sensor - Serial No.
Surface float	0.0		
DO	1.0		PME MiniDOT - 810739
Temperature	2.0		SeaBird 39 - 6514
Temperature	3.0		SeaBird 39 - 5189
Temperature	4.0		SeaBird 39 - 6507
Temperature	5.0		SeaBird 39 - 0975
Temperature	6.0		SeaBird 39 - 5178
Temperature	7.0		SeaBird 39 - 5051
Temperature	8.0		SeaBird 39 - 5180
	8.5	Subsurface float	
	9.0		
	10.0		
	11.0		
	12.0		
	12.4	DO	PME MiniDOT - 503611
	13.0		
	13.4	DO	PME MiniDOT - 966706
	14.0		
	14.9	DO	PME MiniDOT - 881024
	15.0		
	15.4	ADCP	Nortek AWAC 600 kHz - 6582
Total Depth	15.4	Total Depth	

Mooring Design for CHRP3 - 2018**Deployment date:** 5/30/2018 20:00 UTC**Retrieval date:** 10/3/2018 19:00 UTC**Spar Buoy Latitude:** 41 36.245N**Spar Buoy Longitude:** 81 38.162W**ADCP Latitude:** 41 36.308N**ADCP Longitude:** 81 38.262W**Subsurface Buoy Latitude:** 41 36.245N**Subsurface Buoy Longitude:** 81 38.192W**Notes:** ADCP showed deeper depth than planned mooring array.

Spar Buoy Sensors	Water Column Depth (m)	Subsurface Buoy Sensors	Sensor - Serial No.
Surface float	0.0		
DO	1.0		PME MiniDOT - 045881; Wiper - 044102
Temperature	2.0		SeaBird 39 - 5042
Temperature	3.0		Onset HOBO U20L-02 - 20099058
Temperature	4.0		SeaBird 39 - 6514
Temperature	5.0		SeaBird 39 - 5050
Temperature	6.0		SeaBird 39 - 5066
Temperature	7.0		SeaBird 39 - 5178
Temperature	8.0		SeaBird 39 - 5186
	8.5	Subsurface float	
	9.0		
	10.0		
	11.0		
	12.0		
	12.4	DO	PME MiniDOT - 890215; Wiper - 665300
	13.0		
	13.4	DO	PME MiniDOT - 978160; Wiper - 301472
	14.0		
	14.9	DO	PME MiniDOT - 977498; Wiper - 907282
	15.0		
	15.6	ADCP	Nortek AWAC 600 kHz - 6582
Total Depth	15.4	Total Depth	

Mooring Design for CHRP3 - 2019**Deployment date:** 5/21/2019 23:00 UTC**Retrieval date:** 10/8/2019 12:30 UTC**Spar Buoy Latitude:** 41 36.829N**Spar Buoy Longitude:** 81 38.537W**Subsurface Buoy Latitude:** 41 36.813N**Subsurface Buoy Longitude:** 81 38.495W**Notes:**

Spar Buoy Sensors	Water Column Depth (m)	Subsurface Buoy Sensors	Sensor - Serial No.
Surface float	0.0		
DO	1.0		PME MiniDOT - 890215; Wiper - 560662
Temperature	2.0		SeaBird 56 - 8540
Temperature	3.0		Onset HOBO U20L-02 - 20099057
Temperature	4.0		SeaBird 56 - 8317
Temperature	5.0		SeaBird 56 - 8544
Temperature	6.0		SeaBird 56 - 8554
Temperature	7.0		SeaBird 56 - 8553
Temperature	8.0		SeaBird 56 - 1700
	8.5	Subsurface float	
	9.0	Temperature	SeaBird 56 - 8546
	10.0	Temperature	SeaBird 56 - 8545
	11.0	Temperature	SeaBird 56 - 8547
	12.0		
	12.4	DO	PME MiniDOT - 235554; Wiper - 275435
	13.0		
	13.4	DO	PME MiniDOT - 045881; Wiper - 076861
	14.0		
	14.9	DO	PME MiniDOT - 503611; Wiper - 301472
	15.0		
Total Depth	15.4	Total Depth	