

Mooring Design for CHRP7 - 2017**Deployment date:** 5/23/2017 21:40 UTC**Retrieval date:** 9/27/2017 17:10 UTC**Spar Buoy Latitude:** 42 12.372N**Spar Buoy Longitude:** 81 47.367W**Subsurface Buoy Latitude:** 42 12.348N**Subsurface Buoy Longitude:** 81 47.378W**Notes:**

Spar Buoy Sensors	Water Column Depth (m)	Subsurface Buoy Sensors	Sensor - Serial No.
Surface float	0.0		
	1.0		
	2.0		
	3.0		
	4.0		
	5.0		
	6.0		
	7.0		
	7.5	Subsurface float	
	8.0	DO & Temperature	PME MiniDOT - 884908; Onset HOBO U20L-02 - 20099055
	9.0		
	10.0		
	11.0		
	11.1	DO	PME MiniDOT - 620161
	12.0		
	13.0		
	14.0		
	14.1	DO	PME MiniDOT - 120653
	15.0		
	16.0		
	17.0		
	17.1	DO	PME MiniDOT - 241813
	18.0		
	19.0		
	19.6	DO	PME MiniDOT - 686538
Total Depth	20.1	Total Depth	

Mooring Design for CHRP7 - 2018**Deployment date:** 5/30/2018 15:20 UTC**Retrieval date:** 10/3/2018 15:40 UTC**Spar Buoy Latitude:** 42 12.627N**Spar Buoy Longitude:** 81 46.893W**Subsurface Buoy Latitude:** 42 12.652N**Subsurface Buoy Longitude:** 81 46.897W**Notes:** DO sensor located at bottom of mooring (19.6 m) recorded data out of range due to damaged sensor. DO data not included, temperature data included.

Spar Buoy Sensors	Water Column Depth (m)	Subsurface Buoy Sensors	Sensor - Serial No.
Surface float	0.0		
DO	1.0		PME MiniDOT - 572731; Wiper - 910042
Temperature	2.0		SeaBird 39 - 5046
Temperature	3.0		Onset HOBO U20L-02 - 20099062
Temperature	4.0		SeaBird 39 - 5183
Temperature	5.0		SeaBird 39 - 4919
Temperature	6.0		SeaBird 39 - 5068
	7.0		
	7.5	Subsurface float	
	8.0	DO	PME MiniDOT - 120653; Wiper - 282951
	9.0		
	10.0		
	11.0		
	11.1	DO	PME MiniDOT - 984835; Wiper - 674439
	12.0		
	13.0		
	14.0		
	14.1	DO	PME MiniDOT - 645612; Wiper - 379812
	15.0		
	16.0		
	17.0		
	17.1	DO	PME MiniDOT - 693163; Wiper - 664764
	18.0		
	19.0		
	19.6	DO & Temperature	PME MiniDOT-516077; Wiper-397879; Onset HOBO-20099059
Total Depth	20.1	Total Depth	

Mooring Design for CHRP7 - 2019**Deployment date:** 5/30/2019 19:00 UTC**Retrieval date:** 10/9/2019 19:00 UTC**Spar Buoy Latitude:** 42 12.665N**Spar Buoy Longitude:** 81 46.904W**Subsurface Buoy Latitude:** 42 12.693N**Subsurface Buoy Longitude:** 81 46.961W**Notes:** DO sensor located at bottom of mooring (19.6 m) recorded data out of range due to damaged sensor. DO data not included, temperature data included.

Spar Buoy Sensors	Water Column Depth (m)	Subsurface Buoy Sensors	Sensor - Serial No.
Surface float	0.0		
DO	1.0		PME MiniDOT - 839770; Wiper - 329326
Temperature	2.0		RBR - 77337
Temperature	3.0		Onset HOBO U20L-02 - 20099054
Temperature	4.0		RBR - 77322
Temperature	5.0		RBR - 77345
Temperature	6.0		RBR - 77355
Temperature	7.0		RBR - 77334
	7.5	Subsurface float	
	8.0	DO	PME MiniDOT - 240475; Wiper - 320050
	9.0	Temperature	RBR - 77326
	10.0	Temperature	RBR - 77359
	11.0		
	11.1	DO	PME MiniDOT - 536818; Wiper - 009090
	12.0	Temperature	RBR - 77327
	13.0	Temperature	RBR - 77338
	14.0		
	14.1	DO	PME MiniDOT - 431384; Wiper - 70316
	15.0	Temperature	RBR - 77335
	16.0	Temperature	RBR - 77317
	17.0		
	18.0		
	19.0		
	19.6	DO	PME MiniDOT-516077; Wiper-592630
Total Depth	20.1	Total Depth	