

Charlotte Harbor Aquatic Preserves- Seagrass Monitoring Data Sheet

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Date: 9/14/2021	Wind Dir: N / NE / NW / S (SE) SW (E) W	Observers: kw Gns MJ WM	Tide Start: 1:27 FT	10 MHW												
Site # MPOS	Wind Sp: Calm / 0-4 (5-10) 11-15 / 16-20 / >20	Compass Heading: 395°	Tide End: 2:28 FT	15 MHW												
Offset from Flagging	Seas: Calm / R / LC / MC / HC	Site Comments: Island south of Marker 10														
24 m	Cloud Cover %: 0 / 1-25 (26-50) 51-75 / 76-99 / 100	North central Island ~ 20 east of Bird Island														
Station (m)	Repeat Quad (y/n)	Stake Found (y/n)	Time	Depth (cm)	Sedi-ment	Total Abund	Species	Species Abund	Shoot Count	Blade Lengths (5) (cm)	Epi Density	Epi Type	Bed	Flagging stake?	Flagging?	Comments
-289	N	N	12:40	50	1	1	H	1	103	11 12 13 13 13	4	A	B			
0	Y	Y	12:53	75	1	25	H	3	64	25 22 20 15 21	4	A	M			
50	Y	Y	13:02	75	3	4	T	4	37	27 23 21 13 12	4	A	M			
50	Y	Y	13:02	75	3	4	H	+	5	3 5 6 5 5	4	A	M			
100	Y	Y	13:10	95	3	4	T	4	36	30 32 29 34 27	4	A	M			
100	Y	Y	13:10	95	3	4	H	4	32	13 20 15 21 13	4	A	M			
150	Y	Y	13:24	90	3	2	T	2	51	20 22 19 20 17	3/2	A	M			
150	Y	Y	13:24	90	3	2	H	1	73	13 22 14 14 12	3/2	A	M			
200	Y	Y	13:36	90	3	2	M	2	75	20 25 13 14 20	3/2	A	M			
250	Y	Y	13:43	100	3	2	M	2	65	20 10 25 12 13	4/2	A	M			
300	Y	Y	13:58	120	4	1	H	1	95	13 21 21 13 11	4	A	M			
350	Y	Y	14:04	120	4	1	H	1	39	21 22 16 17 15	4	A	M			
400	Y	Y	14:27	130	4	1	M	1	58	23 20 21 16 10	4	A	M			

Water Chemistry	WQ Depth (m)	DO (mg/l)	Salinity (ppt)	Temp (°C)	Secchi (m)	Location along transect	Snorkelers start time end time	Divers start time end time	Data Recorder
Sonde:									
Time									Gary Sorek

Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophila, (AA) Attached Algae, (DA) Drift Algae
 BB Abundance cover: r = solitary, + = few, 1 = < 5%, 2 = 5-25%, 3 = 26-50%, 4 = 51-75%, 5 = 76-100%
 Epiphyte Density: 1 = clean / none, 2 = light, 3 = moderate, 4 = heavy
 Sediment: 1 = shelly sand, 2 = sand, 3 = muddy sand, 4 = muck

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FDEP Charlotte Harbor Aquatic Preserves (941) 575-5861
Revised 02/06/14

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Revised 02/06/14

Record # _____ Site ID # _____
Data Entered by: _____

Charlotte Harbor Aquatic Preserves- Seagrass Monitoring Data Sheet

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Date: 10/13/2020	Wind Dir: N	Wind: NE	SE / SW / E / W	Observers: JB NR GS TB	Tide Start: ☒ FT ☒ MHW
Site # C-205	Wind Sp: Calm	0-4	5-10 / 11-15 / 16-20 / >20	Compass Heading: 132°	Tide End: 02 FT ☒ MHW
Offset from Flagging: 11.9 m	Seas: Calm	R	LC / MC / HC	Site Comments: Intra at res. station ad. Depth gunge	
Cloud Cover %: 0	1-25	26-50	51-75	76-99	100

Station (m)	Repeat Quad (y/n)	Stake Found (y/n)	Time	Depth (cm)	Sediment	Total Abund	Species	Species Abund	Shoot Count	Blade Lengths (5) (cm)	Epi Density	Epi Type	Bed	Flagging stake?	Flagging?	Comments
-99	N	N	9:30	37	2	1	H	1	189	10 5 6 6 8	1	N/A	B			Nipped grazers
0	Y	Y	9:42	55	2	1	H	1	211	6 6 5 3 4	1	N/A	M			
25	Y	Y	9:50	95	2	1	H	1	179	5 5 5 6 4	2	A	M			
50	Y	Y	9:55	95	2	1	H	1	157	10 8 9 6 9	2	A	M			
100	Y	Y	10:03	105	2	2	H	1	76	7 13 12 14 14	2	A	M			
143.2	N	N	10:12	150	3	4	M	4	49	12 6 11 8 7	3	A/E	E			Light encrusting
			:													
			:													
			:													
			:													
			:													
			:													
			:													
			:													
			:													

Water Chemistry	WQ Depth (m)	DO (mg/l)	Salinity (ppt)	Temp (°C)	Secchi (m)	Location along transect	Snorkelers		Divers		Data Recorder	
							start time	end time	start time	end time		total depth
Sonde:												
Time:												

Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophila, (AA) Attached Algae, (DA) Drift Algae

BB Abundance cover: r = solitary, + = few, 1 = < 5%, 2 = 5-25%, 3 = 26-50%, 4 = 51-75%, 5 = 76-100% Bed: B = Beginning, M = Middle, E = End

Epiphyte Density: 1 = clean / none, 2 = light, 3 = moderate, 4 = heavy Sediment: 1 = shelly sand, 2 = sand, 3 = muddy sand, 4 = muck

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