

Charlotte Harbor Aquatic Preserves- Seagrass Monitoring Data Sheet

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Date: 2 / 11 / 2020	Wind Dir: N / NE / NW / S / SE / SW / E / W	Observers: KLU, NR, JBATM	Tide Start: 2'0" FT 11:45 AM
Site # M905	Wind Sp: Calm / 0-4 / 5-10 / 11-15 / 16-20 / >20	Compass Heading: 395°	Tide End: 1'6" FT 12:15 PM
Offset from Flagging: 28 m	Seas: Calm / R / LC / MC / HC	Site Comments: 15m S of Marker 10 North Central Island	Flagging on/offed: Flagging on/offed
Cloud Cover %: 0 / 1-25 / 26-50 / 51-75 / 76-99 / 100			Flagging stake? N/A

Station (m)	Repeat Quad (Y/N)	Stake Found (Y/N)	Time	Depth (cm)	Sediment	Total Abund	Species	Species Abund	Shoot Count	Blade Lengths (5)	Epi Density	Epi Type	Bed	Flagging stake?	Flagging?	Comments
-2.3	N	N	11:58	88	3	2	HA	2	233*	6 10 11 10 9	4	A	B			W/ shell & counted entire quadrat
0	Y	Y	12:05	88	3	2	HA	2	111	10 11 10 6 7	3	A	M			
50	Y	Y	12:10	90	3	4	HA	4	49	13 13 7 9 13	4	A	M			
100	Y	Y	12:15	105	3	4	HA	4	42	9 6 12 9 9	4	A	M			
150	Y	Y	12:22	120	3	4	HA	3	95	5 10 11 12 6	3	A	M			
200	Y	Y	12:29	125	3	2	HA	2	45	13 10 13 12 15	3	A	M			
250	Y	Y	12:31	135	3	2	HA	2	46	8 8 8 8 8	3	A	M			
300	Y	Y	12:44	150	3	2	HA	2	34	18 9 10 12 14	3	A	M			

Water Chemistry	WQ Depth (m)	DO (mg/l)	Salinity (ppt)	Temp (°C)	Secchi (m)	Location along transect	Snorkelers start time	Divers start time	Divers end time	Data Recorder
Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophilla, (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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Site #	W 8 64	Wind Sp: Calm / 0-4 / 5-10 / 11-15 / 16-20 / >20	Compass Heading: N 23 + 43 64 64	Tide End: 1 10 FT MHW
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From	17.7	
Flagging	m	
Cloud Cover %:	0 / 1-25 / 26-50 / 51-75 / 76-99 / 100	
	Black Maxxare	→ Mark-27 style

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Data Recorder						
			Snorkelers	Divers		
			start time	start time		
			end time	end time		
Water Chemistry	WQ Depth (m)	DO (mg/l)	Salinity (ppt)	Temp (°C)	Secchi (m)	Location along transect
Sonde:						
Time	:					total depth
Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophilla, (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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