

Charlotte Harbor Aquatic Preserves- Seagrass Monitoring Data Sheet

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Date: 6/17/2020 Wind Dir: N/NE/NW/S/SE/SW/E/W Observers: MB, MM, ATM, DH, AS
 Site # M905 Wind Sp: Calm/0-4/5-10/11-15/16-20/>20 Compass Heading: NW 395°(?) Marker 18
 Offset from Flagging 29.1 m Seas: Calm/R/LC/MC/HC Site Comments: Grney Island, S of Marker 10
 Cloud Cover %: 0/1-25/26-50/51-75/76-99/100 Flag on North, central part of island

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? y or red mangrove trunk
6	Y	Y	12:02	125	3.5m	4	H	4	57	20	11	15	16	23	4	A	M		
-3.3	N	N	12:08	126	3.5m	1	H	1	61	17	19	13	17	20	4	A	B		
50	Y	Y	12:16	128	3	5	H	2	64	23	18	23	20	26	4	A	M		Acanthaphora
100	Y	Y	12:30	142	3	4	T	5	27	34	45	40	25	30	4	A			
150	Y	Y	12:45	152	3	3	H	4	63	16	18	20	20	21	4	A	M		
200	Y	Y	13:00	153	3	2	H	2	25	36	46	35	40	45	4	A			
250	Y	Y	13:12	162	3	1	H	1	128	19	18	20	20	14	4	A	M		Gracilaria
300	Y	Y	13:25	165	3.5m	1	H	1	139	12	18	19	21	19	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 total depth

Data Recorder slate - MB

Species: (H) Halodule, (R) Ruppia, (T) Thalassia, (S) Syringodium, (HE) Halophila engelmannii, (HD) Halophila decipiens (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

Charlotte Harbor Aquatic Preserves - Seagrass Monitoring Data set

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Date: 6/11/2020	Wind Dir: N / NE / NW / S / SE / SW / E / W	Observers: MB, MM, ATM, DH, AS	Tide Start: ☐ FT MH-W
Site # M005	Wind Sp: Calm / 0-4 / 5-10 / 11-15 / 16-20 / >20	Compass Heading:	Tide End: ☐ FT MH-W
Offset from	Seas: Calm / R / LC / MC / HC	Site Comments:	
Flagging	m	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
350	Y	Y	13:38	176	3	1	H	1	57	13	11	12	13	17	4	A	M			Oysters
			:				DA	r												
400	Y	Y	13:54	180	3	2	H	2	63	16	16	21	14	22	4	A	M			Paddle grass
			:				HD	+	5						4	A				
450	Y	Y	14:07	188	3	2	H	1	143	17	15	11	15	17	4	A	M			Paddle grass
			:				HD	+	38						4	A				
500	Y	Y	14:21	195	3 yd	1	H	2	5	6	9	8	-		3	A	M			Paddle grass
549.5	Y	Y	14:26	223	3 yd	—	ND	SAV	—											Oysters, No end-Halodule continues in channel

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) Halophila engelmannii, (HD) Halophila decipiens (AA) Attached Algae, (DA) Drift Algae										
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Tide Start: 0.3 FT MHW

Compass Heading: 290° L of marker sign Tide End: 0.20 FT MH-W

Site Comments: Off Sanibel bridge, from seawall to the mangrove line from eastern side.

Ref. stake @ 75m (not found)

Sediment: 1 = shelly sand, 2 = sand, 3 = muddy sand, 4 = muck

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