

Site ID15CCT01-WC12R,D,S (Marsh Surface, Transect North)

Date	February 24, 2015	Day of Year	
USGS Field Activity Number (FAN)	2015-308-FA (15CCT01)		
Field Crew	Marci Marot, Terrence McCloskey, Christian Haller		
Platform	USGS 1648 John Boat	Location	Waccasassa Bay, FL
Arrival Time (CDT)	10:10	Departure Time (EST)	11:50
Latitude (DD)	N 29.18319	Longitude (DD)	W 082.78527
Water Depth (m)	N/A		
Handheld GPS used	Garmin GPSMap 62stc	GPS Waypoint	138
YSI	556 MPS	Camera	Nikon AW100

Sample Type/Sample Info

DGPS Positioning

GPS Session ID	B103
Occupation Time (min)	+30min

Sample Type/Sample Info

Radium Water Sampling: Mn Fiber

Start Time (EST)	dGPS occupation start	10:55
Stop Time (EST)	dGPS occupation stop	~11:40
Volume		

Surface/Grab: USGS Petit PONAR (Grab)

Pentrometer (marsh sites only)	
Shear Strength (kg/cm ²) (marsh sites only)	
Vegetation Type	marsh
Forams (preserved, x2)	Yes
Bulk Density	Yes
Grain Size	Yes
Stable Isotopes/Metals	Yes
Distance from GPS	N/A
Azimuth from GPS	N/A

Water Quality Parameters: YSI

Water Type (Marsh, Estuarine)	Marsh pore water
Temperature (°C)	11.71
Barometric Pressure (mm Hg)	probe not calibrated
Dissolved Oxygen (DO) (%)	probe not calibrated
DO (mg/L)	probe not calibrated
Specific Conductance (µS/cm)	19613µS/cm
Salinity	16.07sal
pH (-)	probe not calibrated
ORP (mV)	probe not calibrated

Marsh Push Core: 4" Polycarbonate Barrels

Pentrometer	
Shear Strength (kg/cm ²)	
Vegetation Type	
4" OD Barrel Length (cm)	
In-the-Ground Inside Depth to Surface (ITGIDS) (cm)	
In-the-Ground Outside Depth to Surface (ITGODS) (cm)	
4" OD Compaction (cm)	
Recovered 4" OD Core Length (cm)	
Distance from GPS	
Azimuth from GPS	
(Fill in Surface/Grab section for surface samples taken at coring sites)	

Shovel (Dig) Core: AMS Sharpshooter Shovel

Recovery Depth (cm)	39cm
Distance from GPS	-
Azimuth from GPS	-

Marsh Auger Core: USGS Eijkelpamp Peat Sampler

Number of Sections	5
Total Core Depth (cm)	230
Distance from GPS	-
Azimuth from GPS	-

Notes

Transect curved to left because of little creek, GPS waypoint 139: stream auger for channel facies, Photos 2309-2413 of special auger

Photos

2366-2369 environment photos