

## Water Quality Sondes

Sentinel Site	Site Name/Label	What brand/model is installed?	When was the sonde installed? (MM/DD/YYYY)	Sampling Frequency of instrument (e.g. every 15 min)	What parameters does the sonde measure?	What is the geographic relation of the sonde to the other sentinel site infrastructure?	Date of installation (MM/DD/YYYY)	Sampling Frequency of instrument (e.g. every 15 min)	Note
CBNERRVA	Goodwin Islands	YSI 6600	Oct-97	15 Minutes	Temp, Sp. Cond, Salinity, Percent Saturation, DO Mg/, Turbidity, Chlorophyll, Fluorescence, PH, Depth	Pressure	10/1/1997 (but vertical good only to 2008)	15 Minutes	
CBNERRVA	Taskinas Creek	YSI 6600	Sep-95	15 Minutes	Temp, Sp. Cond, Salinity, Percent Saturation, DO Mg/, Turbidity, Chlorophyll, Fluorescence, PH, Depth	Pressure	09/01/1995 (but vertical good only to 2008)	15 Minutes	
CBNERRVA	Sweet Hall Marsh	YSI 6600	Aug-02	15 Minutes	Temp, Sp. Cond, Salinity, Percent Saturation, DO Mg/, Turbidity, Chlorophyll, Fluorescence, PH, Depth	Pressure	08/01/2002 (but vertical good only to 2010)	15 Minutes	

## Water Level Sensors

Sentinel Site	Site Name/Label	Is your WL sensor a dedicated WL sensor or part of a water quality sonde (e.g. YSI)?	Is the gauge surveyed in to the control network? (Y/N)	How was the gauge surveyed in to the control network?	If the gauge is removed for any reason (e.g. in preparation for winter season), is it re-surveyed in to the network upon return? (Y/N)	Describe the type of gauge (e.g. microwave)	Date of installation (MM/DD/YYYY)	Sampling Frequency of instrument (e.g. every 15 minutes)
CBNERRVA	Goodwin Islands	Part of YSI	Yes	Digital leveling	Yes (during tube changes) - resurveyed to a survey bar	Pressure	October of 1997 (but vertical good only to 2008)	15 Minutes
CBNERRVA	Yorktown Coast Guard Pier	Dedicated Sensor (COOP)	Yes	Digital leveling	Yes (annual maintenance)	Acoustic (AquaTrak)	2003	Every 6 Minutes
CBNERRVA	Catlett Islands	Dedicated Sensor	Yes	Digital leveling	Yes (will be removed just to recalibrate)	Microwave	Jun-17	1 minute
CBNERRVA	Taskinas Creek	Part of YSI	Yes	Digital leveling	Yes (during tube changes) - resurveyed to a survey bar	Pressure	September of 1995 (but vertical good only to 2008)	15 Minutes
CBNERRVA	Taskinas Creek	Dedicated Sensor	Yes	Digital leveling	Yes (will be removed just to recalibrate)	Microwave	Aug-17	1 minute
CBNERRVA	Sweet Hall Marsh	Part of YSI	Yes	Digital leveling	Yes (during tube changes) - resurveyed to a survey bar	Pressure	August of 2002 (but vertical good only to 2010)	15 Minutes
CBNERRVA	Sweet Hall Marsh	Dedicated Sensor	Yes	Digital leveling	Was Removed to ReCalibrate during 2013	Microwave	2012 (exact date unknown)	1 minute

## Real-time Meteorological Data

Sentinel Site	Site Name/Label	List the components of the weather station	What parameters does the station measure?	When was the station installed? (MM/DD/YYYY)	What is the sampling frequency of this instrument?	What is the geographic relation of the weather station to the other sentinel site infrastructure?
CBNERRVA	Taskinas	CBNERRVA maintains a long-term water quality-monitoring station and stream gauge station at Taskinas Creek, a tributary of the York River that is located in the transitional zone of the York River State Park. The Taskinas Creek weather station is also located within York River State Park. The park is located on the mainstem of the York River, which is 50 km long, 38 kilometers from the mouth of the river, and 2.25 kilometer wide near the weather station. The weather station is located (37°24' 50.79850" N, 76°42' 44.51934" W) on a bluff (11m elevation) 60m (horizontal distance) from the York River in a	Air Temperature, Relative Humidity, Barometric Pressure, Wind Speed, Wind Direction, Photosynthetically Active Radiation, Total Precipitation.	Apr-98	15 Minutes	In Close Proximity (but elevated, up on mainland of park, east of marsh).
CBNERRVA	Sweet Hall	Components include a Solar Panel, Housing for CR1000 (and telemetry equipment - Campbell Scientific data telemetry equipment was installed at the Taskinas Creek station on 11/30/2006 and transmits data to the NDAA GOES satellite, NESDIS ID # 3B009218), Temperature/Humidity Sensor (Campbell HC2-S3), Barometric Pressure Sensor (PTB101B); Wind Sensor (RM Young 05103), PART Sensor (Apogee SQ-110), and Precipitation Gauge (Tipping Bucket Rain Gauge - Model #: TE525).	Air Temperature, Relative Humidity, Barometric Pressure, Wind Speed, Wind Direction, Photosynthetically Active Radiation, Total Precipitation.	Mar-98	15 Minutes	In Close Proximity (but elevated, up on higher ground in corn field north of marsh).