

SECN Coastal Water Quality Monitoring
Datasonde Datasheet v1.42 (11/2019)—DEPLOYMENT

Station Name

TIMUclap02

Calibration / Pre-Deployment

Instrument (Sonde) # (SN) 9AE
Calibration Date 7/7/2020 Calibrated By K. Appleby
Battery Voltage Pre-Calibration 12.4 Battery Voltage >5.3 ☒ Y / ☐ N Battery Voltage Post-Calibration 12.4
Central Wiper Replaced ☒ Y / ☐ N Central Wiper Parking 180° ☒ Y / ☐ N
Barometric Pressure (mmHg) 760.3 Conductivity Cell Constant 4.90235 ODO Gain 1.00646
pH7 (mv) pH10 (mv) pH4 (mv)(check) pH Slope

Parameter	Temp (°C)	Sp. Cond. (mS/cm)	Depth (m)	ODO (% Sat.)	ODO (mg/l)	pH7	pH10
Standard	<u>25.49</u>	<u>50.00</u>	<u>0.00</u>	<u>100.0</u>	<u>8.1</u>		
Measured	<u>25.47</u>	<u>50.12</u>	<u>0.00</u>	<u>100.3</u>	<u>8.05</u>		
Calibrated		<u>50.00</u>	<u>0.00</u>	<u>100.2</u>	<u>8.06</u>		

Parameter	pH4 (check)	Turbidity Low (FNU)	Turbidity High (FNU)	Chl Low (µg/l)	Chl High (µg/l)	BGA-PC Low (µg/l)	BGA-PC High (µg/l)
Standard							
Measured							
Calibrated							

Deployment

Deployed By: R. Appleby / B. Davis File Name: CC07072020
(Station name _YYYYMMDD)
Sonde Start Date: 7/7/2020 Sonde Start Time: 1145 Eastern Standard Time (EST)
Actual Deployment Date: 7/7/2020 Actual Time Placed in Water: 1131 (EST)

Comments:

high tide, partly cloudy, 90s

Site Observations: Fish Kill ☐ Algal Bloom ☐ Debris ☐ Hurricane / Tropical Storm ☐ Other ☐

Observation Description:

Recorded By: Kim Appleby Computer Entry By / Date:

Certified By / Date:

SECN Coastal Water Quality Monitoring
YSI Datasonde Datasheet v1.42 (11/2019)— RETRIEVAL

Station Name
TIMUclap02

Retrieval

In situ Sonde # (SN)

126
~~JEAZ~~ 9AE

Retrieved By

K. Appleby & B. Davis

Retrieval Date

7/20/20

Retrieval Time

1305 (EST)

Field Meter # (SN)

JEAZ

Field Meter Calibration Date

7/20/20

On Site Readings

	Temp (°C)	Baro. Pres. (mmHg)	ODO (% Sat.)	ODO (mg/l)	Sp. Cond. (mS/cm)	Salinity (psu)	pH	Turb. (FNU)	Depth (m)	Chla (µg/l)	BGA (µg/l)
Field Meter	31.38	762.7	82.7	5.32	39.32	25.06			3.19		
In situ Sonde	31.35	762.7	73.2	4.73	39.17	24.77			3.295		

Fouling presence: Please record type of fouling **AND** amount (e.g. A, B, E, / H). Types A= Algae, B= Barnacles, C= Crabs, E= Eggs, F= Fish, O= Other, N= none, S= Sediment / Amount H=Heavy, M= Moderate, L= Light, N= None

Sonde/Guard: 5/25 ^{low temp} _{sonde} External Screen: — Temp/Cond: N

ODO Probe: N pH Probe: — Turbidity: —

Post Deployment

Post Deployment Reading Date

7/20/20

Battery Voltage

11.1

Central Wiper Parking 180°

☒ N

Barometric Pressure (mmHg)

761.3

Conductivity Cell Constant

4.90235

pH7 (mv)

—

pH10 (mv)

—

pH Slope

—

pH4 (mv)

—

Parameter	Temp (°C)	Sp. Cond. (mS/cm)	Depth (m)	ODO (% Sat.)	ODO (mg/l)	pH7	pH10
Standard	23.99	50.00	0.000	100.0	8.4		
Measured (clean sensors)	24.13	50.16	-0.010	101.0	8.44		

Parameter	pH4 (check)	Turbidity Low (FNU)	Turbidity High (FNU)	Chl Low (µg/l)	Chl High (µg/l)	BGA-PE Low (µg/l)	BGA-PE High (µg/l)
Standard							
Measured (clean sensors)							

Any Probe Malfunctions?

☒ N

If Y, describe in the comments.

File Name:

6607072020

(Station name _YYYYMMDD)

Comments:

Recorded By

Kim Appleby

Computer Entry By / Date

Certified By / Date