OLD ORCHARD BEACH, MAINE

Report

DECEMBER 2025

# West Grand Marsh Resiliency Study

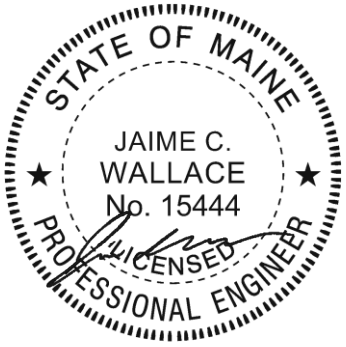


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# West Grand Marsh Resiliency Study

## Old Orchard Beach, Maine

December 2025




**12/19/2025**

**Prepared By:**

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# Preface

The West Grand Marsh Resiliency Study was developed for the Town of Old Orchard Beach, Maine by Wright-Pierce. Funding for this study was provided through the State of Maine's Community Resiliency Partnership grant which was awarded to the Town in the Spring of 2024. Input from the Town of Old Orchard Beach and the Old Orchard Beach Conservation Commission was provided throughout the development of this study.

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# Section 1 Executive Summary

This report evaluates the influence of the existing Self-Regulated Tide Gate (SRT) on New Salt Road in Old Orchard Beach, Maine, on tidal exchange and marsh conditions within four upstream tidal marsh systems. Tidal monitoring conducted at multiple locations indicated measurable attenuation and lag in tidal response through the system. Upstream high tide peaks were delayed by approximately one to two hours relative to downstream conditions, and the tidal range was reduced by up to 40 percent in the uppermost marsh. These results confirm that the SRT restricts natural tidal flow, particularly during higher tidal cycles and storm tide events. Corresponding field observations documented changes in vegetation composition consistent with reduced salinity and altered inundation patterns, including encroachment by Phragmites australis and decline of salt-tolerant species such as Spartina alterniflora and Spartina patens.

While the SRT continues to provide important flood, protection benefits for adjacent residential and roadway infrastructure, the findings indicate that restricted tidal exchange has contributed to reduced marsh resilience and ecological function. Potential management actions to improve system performance include modifying gate operations to increase tidal exchange during non-flood periods, retrofitting with an additional self-regulating tide gate, or evaluating partial replacement options to restore more natural tidal hydrodynamics. Implementation of these measures could be supported through coastal resilience and infrastructure funding programs and should be coordinated among the Town of Old Orchard Beach, Maine Department of Transportation, and other relevant stakeholders.

# Section 2 Introduction

## 2.1 Project Background

The Town of Old Orchard Beach received a $50k grant through the Community Resiliency Partnership to assess the tide gate function and its effects on the New Salt Road Marsh, Ancona Marsh, Randall Park Marsh, and Jordan Park Marshes. A copy of the project base maps is included as Appendix A in this report. Wright-Pierce, who has been conducting studies in this area since 2008 and developed the Town's comprehensive drainage study in 2018, was hired by the town to conduct this study. The scope of the study includes assessment of the current conditions of each marsh, survey of elevations of structures surrounding each marsh, evaluation of current and projected conditions (regarding precipitation, storm surge, and sea level rise), and determination of an optimal setting for the tide gates for marsh resilience and flood mitigation.

## 2.2 Project Goals

The Town's funding application for the Community Resiliency Partnership Grant states, the overall objective of the project is to enhance the health and resilience of Old Orchard Beach's salt marshes and reduce coastal flood vulnerability in the community. The goals are to improve understanding of the current conditions of Old Orchard Beach's salt marshes; evaluate how sea level rise, storm surge, and stormwater runoff could impact marsh resilience and local flood vulnerability; and identify and implement operation settings of the Town's self-regulating tide gate to maximize long-term health and resilience of salt marshes and reduce coastal flood risk in Town. The project also aims to engage town staff, the conservation commission, and community members, including those with elevated levels of social vulnerability, in discussions about local marsh resilience in relation to existing conditions, climate change, flood vulnerabilities, and the operation of the tide gate.

## 2.3 Purpose of Study

The purpose of this study is to collect and analyze data to provide the town with informed recommendations that will improve the operation and management of the existing Self-Regulating Tide Gate and provide other capital improvement projects for the Town to further investigate and consider in the future. The data analysis and recommendations herein are based on data collected during a one-year span. It is important to note that the marsh system in Ocean Park is very complex. The recommendations herein require strategic partnerships, continuing monitoring, and incremental changes to the system to determine the optimal condition to balance marsh health with flood resiliency.

# Section 3 Data Collection and Results

## 3.1 Existing Conditions

### 3.1.1 New Salt Road Marsh

The New Salt Road Marsh is a salt marsh located between New Salt Road, West Grand Avenue, Randall Avenue, and Seaside Avenue in the Ocean Park area of Old Orchard Beach (Town). The high marsh is dominated by salt meadow cordgrass and saltmarsh rush while the low marsh is dominated by smooth cordgrass. The marsh is approximately 1.8 acres with the New Salt Road Self-Regulated Tide Gate (SRT) located under the New Salt Road crossing where the West Grand Avenue watershed discharges into Goosefare Brook, a tidally influenced estuary. The purpose of the SRT is to prevent flood waters from entering the marshes adjacent to West Grand Avenue and flooding properties along West Grand Avenue during extreme tidal elevations. There are no direct outfalls that discharge into the marsh, however, two 48-inch reinforced concrete pipes (CO-782 to CI-738 and CO-84 to CI-83) connect New Salt Road Marsh with Randall Park Marsh under West Grand Avenue.



New Salt Road Self-Regulated Tide Gate

The SRT is owned and operated by the Town. The purpose of the SRT is to prevent excessive tidal water from entering the marshes adjacent to West Grand Avenue and flooding properties along West Grand Avenue during extreme tidal elevations. The New Salt Road crossing consists of three 48-inch diameter gates attached to the ocean side of three 48-inch diameter reinforced concrete culverts. Two of the three gates are flap gates, which only allow water to discharge to Goosefare Brook and prevent tidal water from flowing in. The third gate is the SRT, which is an electrically powered flap gate that slides vertically to regulate the amount of tidal water that enters the upstream saltwater marshes. The SRT is equipped with a water level sensor, located on the ocean side of the tide gates, which automatically closes the gate during periods of high tides to prevent salt water from flooding inhabited areas. The SRT operates based on a standard operation protocol (SOP) which was developed by Wright-Pierce and most recently revised in September 2023. The SRT sensor is currently calibrated to close the gate once

tide waters on the ocean side of the tide gate rise above an elevation of approximately 9.5 feet MLLW (4.25 feet NAVD88). It should be noted during the duration of the study period, the tide gate was left manually open. We understand the Town was awaiting parts for the SRT which made it inoperable until the parts arrived.

### 3.1.2 Randall Park Marsh

Randall Park Marsh is a salt marsh, that is approximately 4.27 acres, located between Randall Avenue, Royal Street, and West Grand Avenue. The low marsh portion is dominated by smooth cordgrass while the high marsh is dominated by salt meadow cordgrass and saltmarsh rush. The marsh is directly influenced by the operations of the SRT as it's connected to New Salt Road Marsh through two 48-inch reinforced concrete drainpipes (CO-782 to CI-738 and CO-84 to CI-83). There is an outfall (OF-84) that leads in the marsh that connects to upstream structures along Randall Avenue, Temple Avenue, and Ancona Avenue. Randall Park Marsh is connected to Ancona Marsh via a 3-foot tall by 8-foot wide by 590-foot long reinforced concrete box culvert (CB-227_OF-84). However, based on public input, the culvert may in fact be deeper but could be sedimented in.



View of Randall Park Marsh from West Grand Avenue Looking South

### 3.1.3 Ancona Marsh

Ancona Marsh is a salt marsh, that is approximately 2.35 acres, located between Winona Avenue, Free Street, Colby Avenue, and West Grand Avenue. The high marsh is dominated by seaside goldenrod and saltmarsh rush. The marsh collects drainage from a large drainage area that extends up to Saco Avenue and is connected to the marsh via a series of culverts before eventually discharging underneath Clover Street via a 2-foot tall by 8-foot-wide concrete box culvert. The culvert under Clover Street frequently floods during high-tide events when the SRT is left open. Ancona Marsh is connected to Jordan Park Marsh through a 3-foot tall by 6-foot-wide concrete box culvert under Winona Avenue which connects to a channel between 24 and 22 Winona Avenue. The channel then discharges into a 32-inch tall by 60-inch-wide concrete box culvert underneath Oceana Avenue and eventually into Jordan Park Marsh.



Ancona Marsh from West Grand Avenue Looking West

### 3.1.4 Jordan Park Marsh

Jordan Park Marsh is a salt marsh, that is approximately 11.95 acres and is the largest marsh in Ocean Park. The marsh is bounded by West Grand Avenue to the east, Free Street to the west, Winona Avenue to the South, and West Grand Avenue to the North. Jordan Park Marsh is predominantly a brackish marsh and is dominated by salt

meadow cordgrass with additional species such as saltmarsh tuber-bulrush and seaside goldenrod. Phragmites, an invasive species, are present in the northern extent of the marsh and have been a location where the Town has conducted invasive species removal programs over the past several decades.



Jordan Park Marsh from West Grand Avenue Looking North

### 3.1.5 Vegetation Assessment

The Town of Old Orchard contracted directly with Stantec of Topsham, Maine to characterize the existing saltmarsh vegetation zones within each marsh. The study included evaluation of the overall health and function of each of the salt marshes. A report summarizing the results of the vegetation assessment and conceptual discussion of potential changes to and restoration of the salt marsh habitats under SRT operation scenarios is included as Appendix B of this report.

### 3.1.6 Critical Elevations

As part of the study, Wright-Pierce conducted ground survey in Spring of 2024. The purpose of the survey was to identify critical elevations within the marsh system that could affect the flow of salt water through the system. Wright-Pierce also identified finish floor elevations (FFE) of structures adjacent to marshes which are subject to

potential flooding if the SRT settings are manipulated to allow additional flow into the system. The following are critical elevations along the profile of the main tidal channel and adjacent FFE's. Please note, all elevations listed are in NAVD88 datum.

- West Grand Ave Culvert Invert elevation = 0.14' and 0.32' (ML-5 and ML-2 respectively)
- Self-Regulated Tide Gate (SRT) culvert invert = 0.97'
- Concrete drain invert elevation = 1.3'
- Clover Street culvert invert elevation = 1.7'
- Winona Ave culvert invert elevation = 2.3'
- Oceana Ave culvert invert elevation = 2.8'
- West Grand Avenue Elevation (in front of house #186) = 4.4'
- West Grand Avenue Elevation (near Jordan Park Marsh) = 4.3'
- Clover Street = 4.4'
- Colby Avenue = 5.4'
- Randall Avenue = 5.9'
- 17 Randall Street FFE = 5.9'
- Temple Avenue = 5.9'
- Oceana Avenue = 5.9'
- New Salt Road elevation = 7.53'

### 3.1.7 Historical Flooding and Project Need

In conducting this study, it is important to understand the flooding history of the site. This site has experienced significant flooding events that have overtopped New Salt Road and inundated the marsh and surrounding neighborhood. The most recent flooding events occurred in December 2023 which damaged New Salt Road and then again in January 2024 when floodwater elevations overtopped the road by 2-feet.

During more routine storms that may cause flooding, the New Salt Road SRTs are able to hold back waters and protect the surrounding neighborhood from flooding. These gates function best at managing tidal waters between typical maximum high tide at ~5.5ft and routine storms that may cause floodwaters below ~7.5 ft. The deliverable of this study is to determine an operating procedure that will allow for enough water to enter the system to flush the marshes with salt water, while maintaining protection from detrimental flooding. The proposed solution must balance these two components.

## 3.2 Tidal Monitoring

As part of the study, tidal monitoring data was collected to using data loggers deployed by Wright-Pierce. On May 16, 2025, four HOBO U20-001-04 data loggers were deployed to collect water level and water temperature data, and two HOBO MX801 data loggers with Conductivity, Temperature, and Depth (CTD) sensors were deployed. Each device was programmed to collect one data point every 10 minutes. Data was collected 34 days between New Salt Road SRT and the northern corner of the Jordan Park Marsh along West Grand Avenue. These monitoring points are summarized as follows (working upstream):

- ML-1 is located approximately 8 feet downstream of the SRT.
- ML-5 is located roughly 55 feet upstream of the SRT.
- ML-2 is located roughly 430 feet north of the SRT and 25 feet upstream of the culvert that crosses under West Grand Avenue between New Salt Road Marsh and Randal Park Marsh.
- ML-3 is located 1,130 feet northeast of the SRT and 10 feet north of the culvert in the southeast corner of the Ancona Marsh.
- ML-4 is located 1,69 feet northeast of the SRT at the southeastern corner of Jordan Park Marsh near the intersection between West Grand Avenue and Casco Avenue.
- ML-6 is located 2,440 feet northeast of the SRT in the northeastern corner of the Jordan Park Marsh next to West Grand Avenue.

Data sourced from ME OGIS

ML-1: water level

ML-2: water level

ML-3:
May - Jun 2025: water level
Aug - Oct 2025: water level & salinity

ML-4: water level

ML-5: water level & salinity

ML-6:
May - Jun 2025: water level & salinity
Aug - Oct 2025: water level

Monitoring Points
Maine Road
Project Marshes

Jordan Park Marsh
Ancona Marsh
Randall Park Marsh
New Salt Rd Marsh
Tide Gate

ML-6
ML-4
ML-3
ML-2
ML-5
ML-1

Pavia Ave
Tripoli Ave
Tunis Ave
Hampton Ave
Roanoke Ave
Tioga Ave
Casco Ave
Oceana Ave
Winona Ave
Ancona Ave
Clover St
Colby Ave
West Grand Ave
Seaside Ave
Royal St
Temple Ave
Ancona Ave
Randall Ave
Marshview Rd
Weymouth Ave
Sandpiper Rd
New Salt Rd
Blaine Rd

N

0 100 200 400 Feet

**Site Plan**
Old Orchard Beach, ME

| PROJ NO: | DATE: |
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FIGURE: 3-1

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A memorandum summarizing the water level monitoring study was prepared and is included as Appendix C of this study.

The data loggers were then re-deployed on August 28, 2025, and remain in place as of the writing of this report.

## 3.3 Results

Barometric compensation was completed using data from an on-site barometer. This compensation is used to correct pressure readings to account for the varying atmospheric conditions and calculate the resulting water depths. Conductivity was converted to salinity.

Each logger was set inside a 2-inch diameter slotted PVC pipe that was driven into the stream channel bottom or marsh bottom for security. This pipe provided protection for the data loggers and ensured the data loggers remained stationary. The elevation of the top of each PVC casing was surveyed with a GPS device using the NAVD88 datum and the elevation of each data logger was calculated. The logger elevation was used to convert the water level to feet relative to the NAVD88 datum.

Historical precipitation data obtained from the Portland International Jetport Station (located approximately 16 miles northeast of the site) was utilized to provide further context of influencing factors on water levels at each monitoring site.

The following results were indicated in the study and are described in further detail in the Analysis and Recommendations section:

- Generally, as water level at ML-1 increases, the difference in peak elevation from ML-1 to each Monitoring Location increases.
- Generally, as water level at ML-1 increases, the lag time from the ml1 peak to time to peak at monitoring location at subsequent Monitoring Locations increases.
- Salinity increases as more tidal flow enters the system.
- Water temperature reaches daily maximum at daytime low tide, and reach daily minimum at overnight hightide.

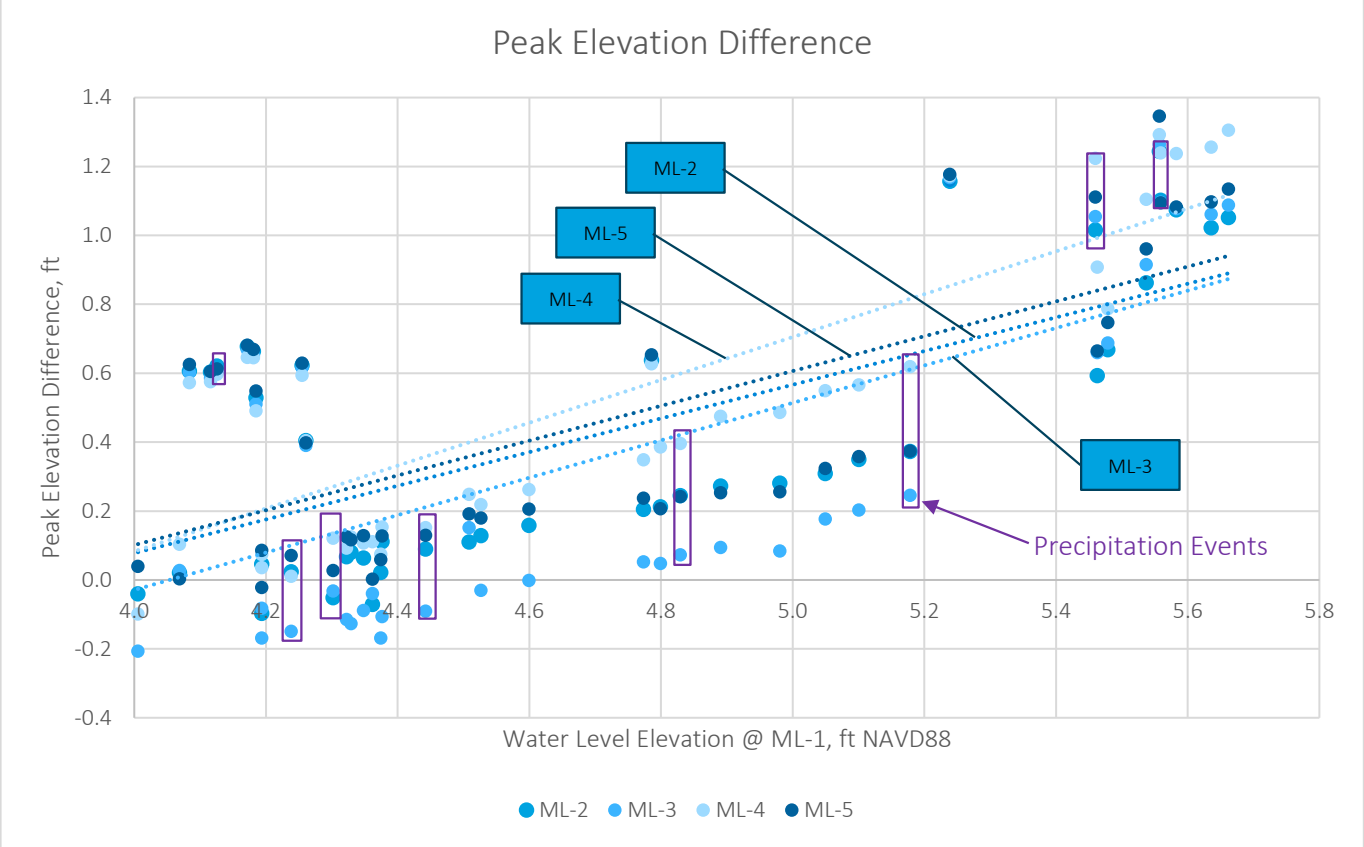
# Section 4 Analysis

Wright-Pierce staff analyzed the monitoring data and incorporated field observations, to deliver tangible information that meets the goals of the project and addressed questions posed from the Town and Community. The following section discusses the analysis data and what conclusions can be drawn from this data. This information has informed the recommendations included in Section 6 of this report.

## 4.1 Water Levels (Peak Elevations, Peak Differences, Lag Time)

Water level elevation data was analyzed to determine peak elevations at each monitoring location. These peaks were compared to the water level elevation at ML-1 which represents the tidal driver in the data. Relationships between these peak elevations and the time of each peak provide valuable information about head losses along the system and the resulting time lag for a lower peak water elevation to reach subsequent monitoring locations as tidal flows enter the system and move up the channel. Figure 4-1 below shows the relationship between peak elevation difference between each monitoring location and ML-1 with the peak water elevation at ML-1 during high tide.

Figure 4-1 Peak Elevation Difference




Generally, as **water level** at ML-1 **increases**, the **difference** in peak elevation from ML-1 to each Monitoring Location **increases.** This indicates with higher tidal flows, the water level elevation at New Salt Road is increasing but not making its way up to the further reaches of the tidal channel in the same way. The trendline for difference in peak

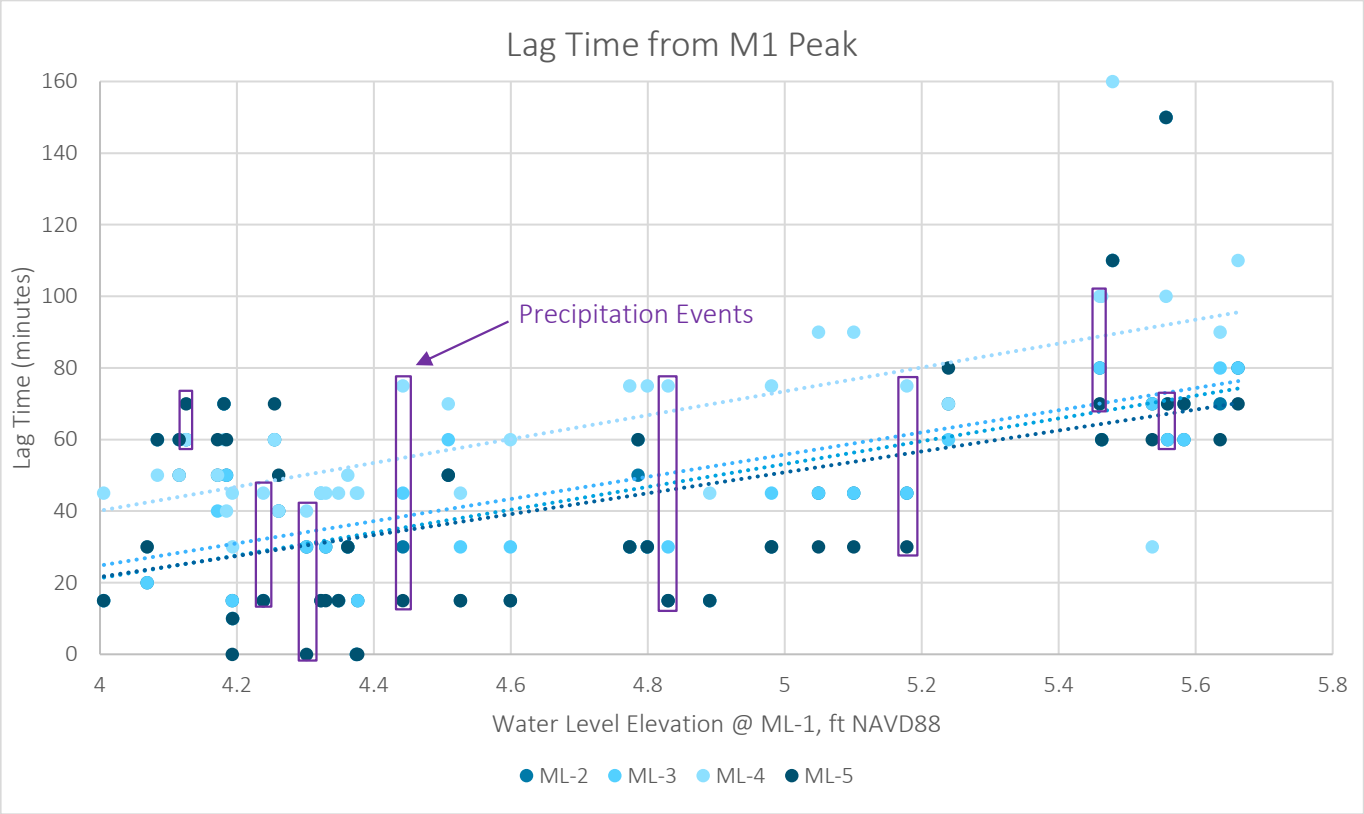
elevation difference is greatest for ML-4, indicating tidal flows are not reaching ML-4 to their greatest potential. Note: ML-6 has been left off this graph because tidal flows have insignificant impact on water level elevation at that monitoring location during the observed periods. Additional tables and graphs showing and extended time series and the incremental difference in peak elevation between each monitoring location are included in Figure 1 in Appendix C and conclusions drawn from that data are summarized below:

- As water level at ML-1 increases, the incremental difference in peak elevation from ML-1 to ML-5 increases.
- As water level at ML-1 increases, the incremental difference in peak elevation from ML-5 to ML-2 does not change significantly.
- As water level at ML-1 increases, the incremental difference in peak elevation from ML-2 to ML-3 does not change significantly.
- As water level at ML-1 increases, the incremental difference in peak elevation from ML-3 to ML-4 does not change significantly.
- Since the incremental difference in peak elevation is most significant between ML-1 and ML-5 that indicates that the SRTs are the biggest impediment to flows moving up the channel.
- ML-4 is not influenced by tidal activity until water level at ML-1 surpasses ~3.5ft. This indicates that flows above ~3.5' are critical to getting water to the far reaches of the system.
- In most of the data, ML-6 peak flows are influenced by precipitation but are not influenced by tidal activity.

It was observed in the October data that ML-3 water level elevation was peaking at a higher elevation than ML-1 which is typically the highest elevation in the peak curves. Additionally, Wright-Pierce staff made the field observation that water was flowing in both directions out of the culvert between ML-2 and ML-3, in October 2025. The peaks in elevation monitored at ML-3 do not seem to correlate with precipitation events. This indicates there may be freshwater intrusion from an unknown source occurring between these monitoring points in the Fall.

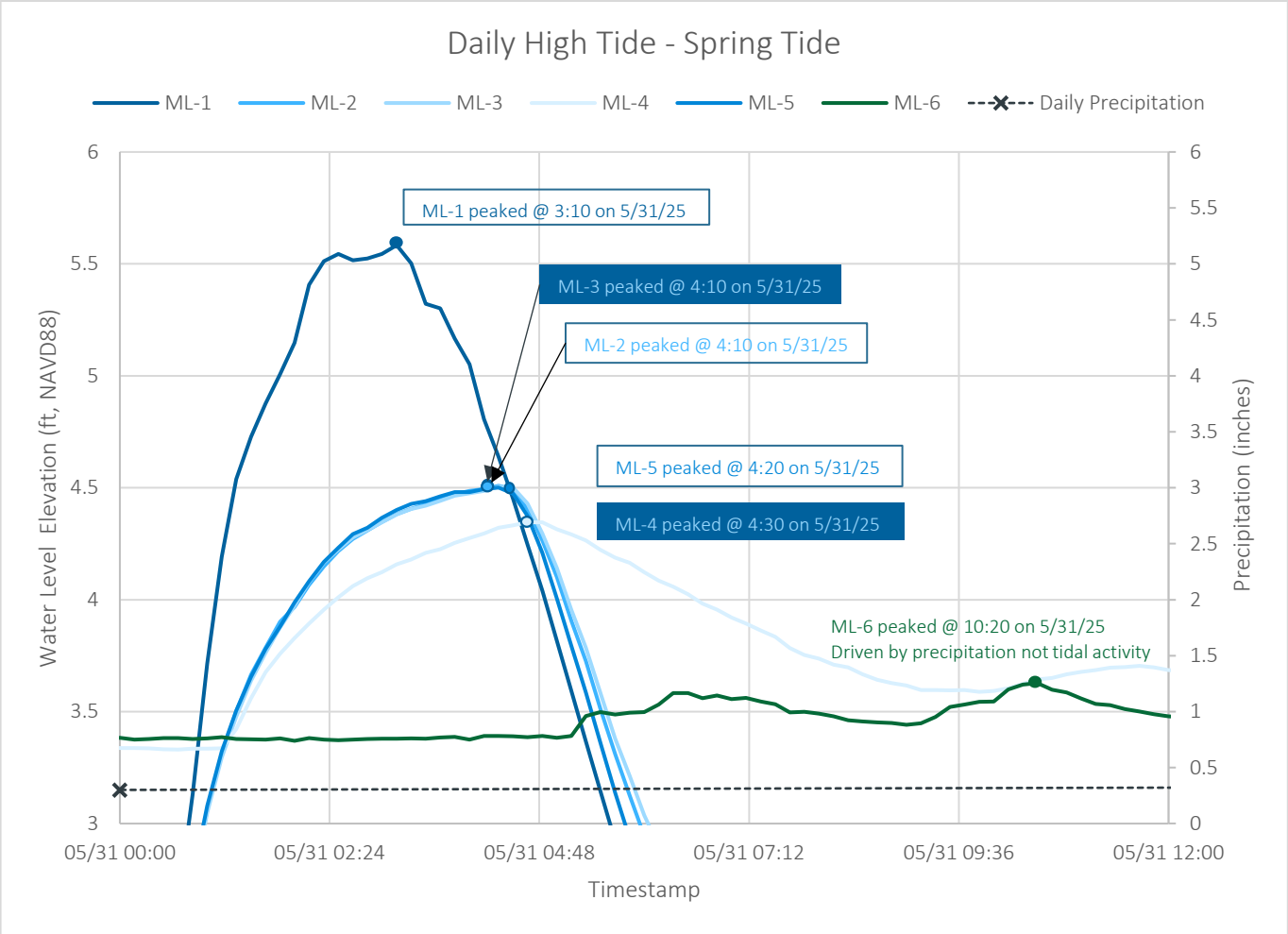
Lag time is the amount of time it takes for a monitoring location to peak following a peak at ML-1. In the following Figure 4-2, the relationship between lag time of each monitoring location with the water level elevation at ML-1 is shown.

Figure 4-2 Lag Time




Generally, as **peak water level** at ML-1 **increases**, the **lag time** at subsequent Monitoring Locations **increases.** This indicates with higher tidal flows, it takes longer for water to move up the tidal channel. Similarly to the analysis of Peak Elevation Difference, the trendline for lag time is greatest for ML-4 meaning that it takes a longer period of time to move up the channel. Note: ML-6 has been left off this graph because tidal flows have insignificant impact on water level elevation at that monitoring location, therefore lag time is not applicable for that monitoring location.

Figure 4-3 Daily High Tide – Spring Tide

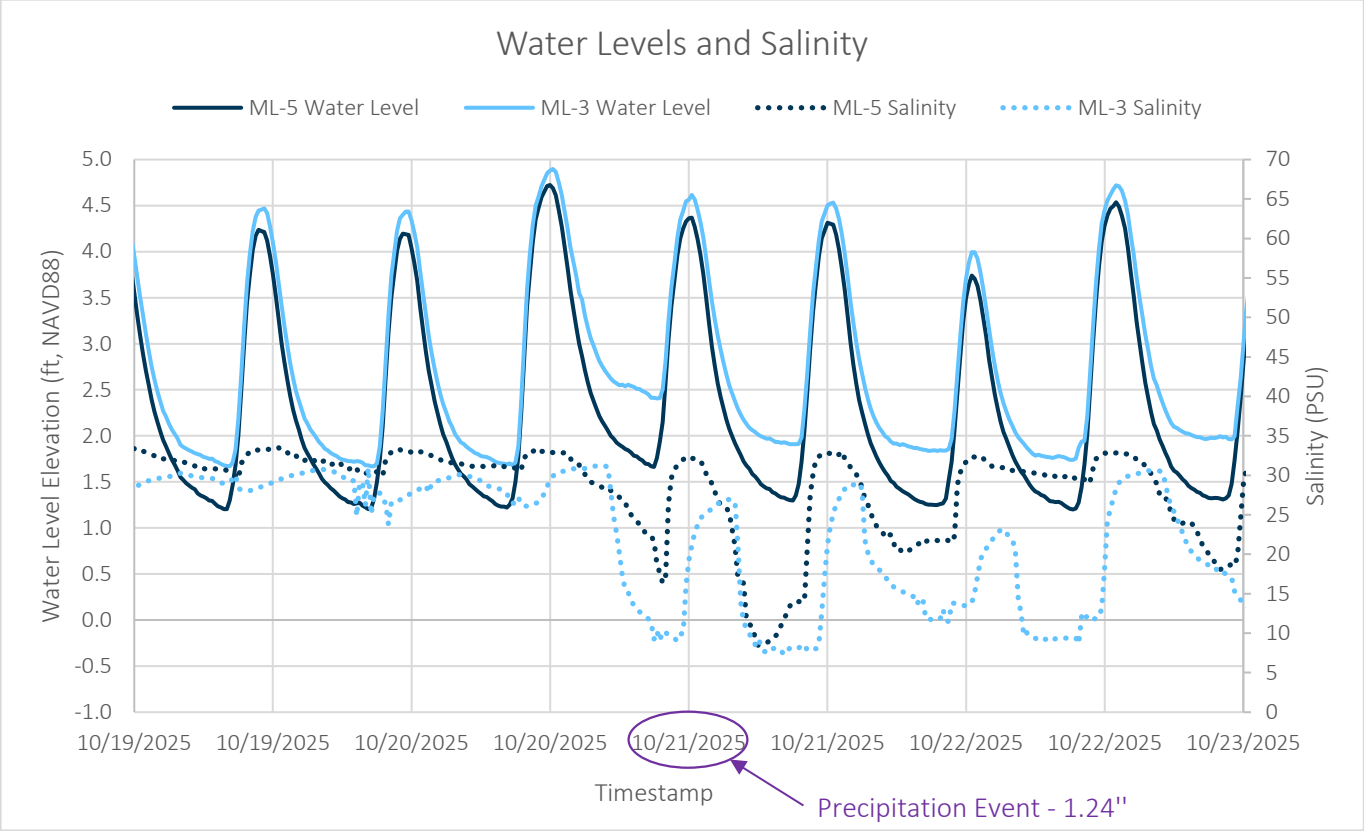



There is significant lag time when the tide is coming in, but little to no lag time when the tide is going out for ML-5, ML-2, and ML-3. This indicates that water is exiting the system more efficiently than it is entering. This can be explained by the fact that water can enter the system through one gate but can exit through three gates. There is significant lag time when the tide is coming in and significant lag time when the tide is going out for ML-4. This is likely due to the several culverts located between ML-3 and ML-4 that are impeding flow both up and down the channel.

## 4.2 Salinity

Tidal waters are the provider of salinity in these salt marshes. As the tide rises and salt water enters the system, salinity increases. Figure 4-4 below shows the relationship between water level and Salinity at ML-3 and ML-5.

Figure 4-4 Water Levels and Salinity




Note: a precipitation event of 1.24'' occurred on October 10, 2025. The notable decrease in salinity on October 10th indicates salinity decreases when there is a precipitation event. While both are influenced by tide, Salinity measured at ML-3 fluctuates much more than salinity measured at ML-5, likely due to more saltwater reaching ML-5 regularly than ML-3 which is further up channel. As discussed earlier, it is suspected that there may be intrusion of groundwater in the culver between ML-2 and ML-3 which may also be contributing to a lower measured salinity level at ML-3.

### 4.2.1 Additional Salinity Monitoring

Wright-Pierce conducted an additional site visit on October 7th, 2025, during a tide event which exceeded the normal Mean Higher High-Water (MHHW) elevation. Based on the NOAA Tidal Datum at Portland, Maine (Station 8418150) the normal MHHW elevation is 4.65' (NAVD88). During Wright-Pierce's site visit, the tide elevation was verified at the Portland, Maine datum at 5.91' (NAVD88). The purpose of the site visit was to measure salinity at each of the monitoring locations using an instantaneous salinity reader and log the results. A copy of the log is included as Appendix D of this report. During the site visit, the tide gate was intentionally left open to monitor the flooding impacts and the salinity throughout the marsh system. In general, salinity of at least 30 parts per thousand (ppt) was observed at all monitoring locations except ML-6. A table summarizing the peak observed salinity at each monitoring location is located below in Table 4-1. Additional salinity data is included as Appendix D.

Table 4-1 Peak Salinity Measurements During October 7, 2025, Site Visit

| Monitoring Location (ML) | Peak Salinity (ppt) |
|---|---|
| ML-1 (Downstream of Tide Gate) | 30.4 |
| ML-2 (Randall Park Marsh) | 30.4 |
| ML-3 (Ancona Marsh) | 30.7 |
| ML-4 (Southern Extent of Jordan Park Marsh) | 31.0 |
| ML-5 (Upstream of Tide Gate) | 31.2 |
| ML-6 (Northern Extent of Jordan Park Marsh) | 0.35 |

Note:

1. Salinity measurements may not have been taken at the actual peak of tidal inflow.
2. Measurements were taken between 10:18 A.M. and 1:17 P.M. on October 7, 2025.

Data sourced from ME OGIS

ML-1: water level

ML-2: water level

ML-3:
May - Jun 2025: water level
Aug - Oct 2025: water level & salinity

ML-4: water level

ML-5: water level & salinity

ML-6:
May - Jun 2025: water level & salinity
Aug - Oct 2025: water level

Monitoring Points
Maine Road
Project Marshes

ML-6
ML-6 Peak Salinity = 0.35 ppt

Jordan Park Marsh

Ancona Marsh

ML-4
ML-4 Peak Salinity = 31.0 ppt

ML-3
ML-3 Peak Salinity = 30.7 ppt

Randall Park Marsh

ML-2
ML-2 Peak Salinity = 30.4 ppt

New Salt Rd Marsh

ML-5
ML-5 Peak Salinity = 31.2 ppt

Tide Gate

ML-1
ML-1 Peak Salinity = 30.4 ppt

Pavia Ave
Tripoli Ave
Tunis Ave
Hampton Ave
Roanoke Ave
Casco Ave
Oceana Ave
Winona Ave
Ancona Ave
Clover St
Colby Ave
West Grand Ave
Seaside Ave
Royal St
Temple Ave
Ancona Ave
Randall Ave
Marshview Rd
Weymouth Ave
Blaine Rd

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**Site Plan**
Old Orchard Beach, ME

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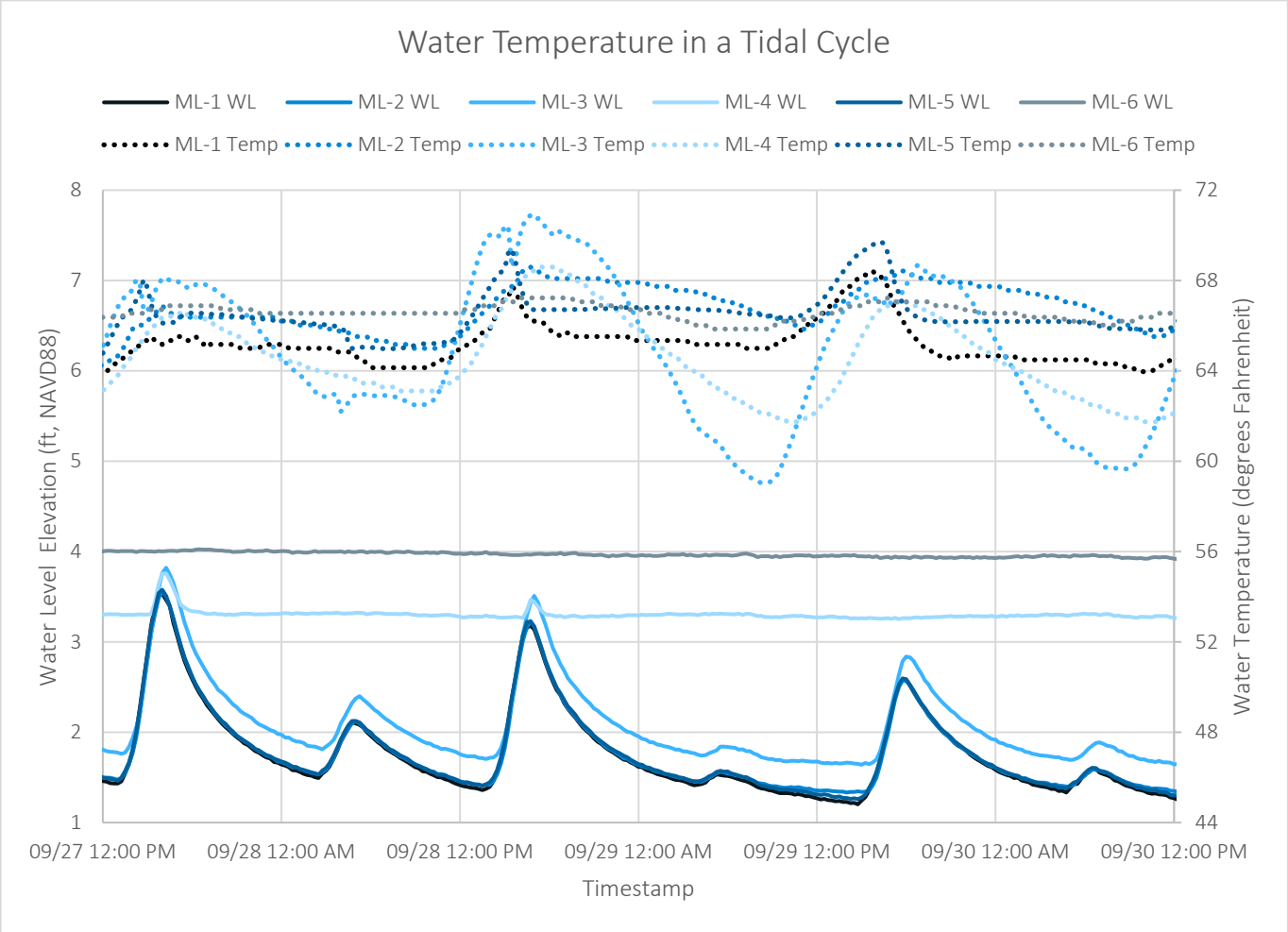
FIGURE: 4-5

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## 4.3 Water Temperature

Figure 4-6 below shows the relationship between water temperature and water level elevation at each monitoring location over a tidal cycle.

Figure 4-6 Water Temperature in a Tidal Cycle




Water temperature reaches the daily maximum during the daytime low tide and reaches the daily minimum at the overnight hightide. Temperatures at ML-4 and ML-6 are less variable because there is less influence from tidal activity at those monitoring locations.

# Section 5 Community Involvement

Community outreach is a critical component to any study. Public input is vital in developing concepts which not only meet project goals but also meet the needs of community members that utilize this infrastructure daily. Wright-Pierce, with the assistance of the Town of Old Orchard Beach and the Southern Maine Planning and Development Commission (SMPDC) have conducted a public outreach program for this study which engaged community members and project stakeholders to solicit input on project goals.

## 5.1 Stakeholder Presentation (October 2025)

Wright-Pierce and SMPDC presented to interested members of the community on October 28, 2025. The purpose of the presentation was to provide a project overview, discuss the project grant scope and objectives, discuss marsh health and the importance of marsh health, specific study tasks, and solicit public feedback and comment. The meeting was held during a Town Council meeting and was attended by approximately 40 members of the community and three council members. A copy of the presentation is included as Appendix E of this report.

## 5.2 Public Outreach and Comments (October 2025 – November 2025)

The Town of Old Orchard utilized the Town's website to solicit comments from residents. The Town informed residents of the location to provide feedback and comments during regularly scheduled Town Council meetings. The purpose of this outreach was to solicit feedback from residents on goals for the project, additional items to consider, and to give an opportunity to voice their concerns.

Many concerns raised during the public comment period can be organized into three categories, described below. Some other questions and concerns have been addressed throughout this report. A full list of public comments with responses along with a discussion summary of the Stakeholder Presentation held on October 28, 2025, is included as Appendix E.

### 5.2.1 Sediment Concern

Concerns were raised by community members about sediment build up over the years in the marshes, diminishing the capacity to hold brackish waters and causing flooding into streets and residences. Many community members were in favor of dredging channels in the tidal marsh. While we understand this may be a priority for many community members, it is likely a dredging program would face regulatory hurdles and could become very costly to implement and manage. While improvements to the marsh health may be realized by allowing more saltwater flushing, ultimately the volume of storage within the marsh will likely be minimal without undertaking a major dredging project which would be very damaging to the marsh habitat.

### 5.2.2 Operation & Maintenance

Community members indicated a need to revise and update the existing protocol for the self-regulated opening and closing of the central tidal gate. Wright Pierce has reviewed the existing operating protocol and recommended changes based on analysis of the tidal data. This includes criteria for when the tidal gate will be manually opened, and who is responsible for this operation. The gate operating protocol and maintenance plan for culvert cleaning are discussed in Section 6 of this report.

### 5.2.3 Continued Monitoring

Community members identified the equipment obtained in this study as an opportunity to continue to collect and analyze data over time and track results as capital improvements and management changes are implemented. The

University of New England's School of Marine and Environmental Programs might be a resource for the ongoing tracking and analyzing the data. The Town may also consider either developing a sub-committee or designate a representative to organize outreach to Saco and Scarborough communities and UNE to convene on the health and climate resiliency of Goosefare Brook, Scarborough Marsh and the beaches in Saco Bay.

## 5.3 Public Hearing (December 2025)

Wright-Pierce held a public hearing on December 16, 2025, to present the findings of the study. Discussions included study findings, recommendations, and potential funding sources. A copy of the public hearing presentation is included as Appendix E of this report.

# Section 6 Recommendations

After analyzing the data and understanding how each variable influenced the system, Wright-Pierce staff are making the following informed recommendations to the Town on potential solutions to address the need for this study. The following recommendations have considered the need to balance inundating the four marshes along the tidal channel with saltwater, while minimizing detrimental flooding to the neighborhood.

## 6.1 Continued Monitoring

The monitoring period for this project provided data that was then analyzed to understand tidal patterns. It is recommended that monitoring of this system continues to gather more data to further understand patterns and influencing factors. In the timeframe of this study's monitoring period, the biggest precipitation event was 1.24''. Continued monitoring would provide the Town with more data on days with precipitation and potentially capture a larger storm event which could provide more insights. The University of New England's School of Marine and Environmental Programs might be a resource for the ongoing tracking and analyzing the data.

## 6.2 Gate Protocol

It was observed that water elevations at ML-4 were not influenced by tidal action until water level elevation at ML-1 surpassed ~3.5ft. It is important to take advantage of tides and storms with water level elevation above 3.5' at ML-1. These events will be critical to getting saltwater to the high reaches of this system.

Many homes along the tidal channel have a low-lying finished floor elevation. 17 Randall St, adjacent to ML-2, has a finished floor elevation of 5.9'. To avoid detrimental flooding, it is important not to let water level at these locations exceed the finished floor elevation of adjacent buildings and homes.

It is recommended that while continuing monitoring, the Town conduct an iterative process of incrementally trying different elevations of ML-1 to close the sluice gate to find the optimal elevation and timing to close the gate. ML-2 lag time was observed to range from 0 – 150 minutes after ML-1 peaked. If ML-1 is anticipated to exceed 5', It is recommended to station someone to monitor ML-2 for ~150 minutes after ML-1 peak high tide, or until a peak is reached at ML-2. If it is observed that water begins to encroach on the adjacent home at ML-2, then the gate at ML-1 should be promptly shut. Some overtopping of water into the floodplain is allowable and is not considered detrimental flooding in this discussion. Additional variables in this iterative process that should be considered include forecasted weather events that could contribute additional water to the system, and other low-lying points of interest that should be identified and monitored for flooding by the Town.

It is important to understand that as incremental changes occur, the marsh ecosystem will respond accordingly. There is no one-size-fits-all protocol that will work in perpetuity, the gate protocol will need to iteratively be updated according to the results of ongoing monitoring and assessments of marsh health. With the anticipation of sea level rise and the increase in inundation of salt water into the system, it is possible the marshes will migrate further back into the system as a response to the evolving elevation of regular saltwater inundation.

## 6.3 Additional Actuating Gates

There are currently three tide gates, with only one tide gate allowing water to enter the system, while all three allow water to exit the system. Tidal water at ML-1 is restricted by the gates which are represented by the lag in peak at each monitoring location in the daily peak curves (figure 4-3). There is little to no lag for ML-2, ML-3 and ML-5 on the outgoing tide, meaning the tide gates are not significantly restricting water on the way out. This lag in

time for incoming tide despite no lag on outgoing tide is an indication that the current schematic of gates is not sufficient to allow enough water into the system. It is recommended to retrofit one of the flap gates to a second sluice gate, that would allow incoming tide water through two gates and improve this lag time of incoming tidal water.

## 6.4 Structure Cleaning

Removal of built-up debris in culverts will increase the capacity of these structures. It is recommended that the Town engage in a consultant to CCTV all the structures to understand their current conditions. Debris removal, and jetting & vacuuming of structures within the system should be performed by the Town on a minimum annual basis. The Town may consider creating an inspection program that inspects structures twice a year and after major storm events.

## 6.5 Stormwater Improvements

During the October field visit, Wright-Pierce staff observed that many of the outfalls to Jordan Park Marsh were plugged with sediment. It is recommended to maintain these outfalls periodically to avoid restriction of flow. A potential option the Town could explore in the future would be the installation of flapper gates on these outfalls. Flapper gates would close during high tide but would then release any stormwater in the structure once the tide subsides. Further investigation should be performed to determine whether this would be a suitable and cost-effective option for the Town.

## 6.6 Vegetation Management

Stantec worked as a sub-consultant for this project and developed the report titled "Old Orchard Beach Salt Marsh Assessment" which is included as Appendix E. The report details recommendations for vegetation management that can be taken to improve marsh health.

## 6.7 Future Considerations

Capital Improvement projects that would adjust the profile of the channel have been categorized as future considerations, as they would require more in-depth planning, engineering, and funding to complete. These capital improvements include:

- Raise the roadway of New Salt Road to act as a barrier for flood waters over 7.5'
- Raise the roadway of other low-lying roads in the neighborhood that frequently get overtopped
- Evaluate the size of the culverts along the marsh profile.
- Replace culvert under Clover Street that frequently overtops.
- Raising infrastructure of private residences particularly adjacent to marshes.
- Consider ordinance changes for FFE's for new development and renovations.

# Section 7 Project Funding and Financing

## 7.1 Potential Funding Sources

All of Maine's municipalities struggle with the realities of costs associated with investing in public improvements. For capital improvements and restoration efforts, there are several approaches to funding that many Maine communities have employed to implement their projects. Funding is subject to fluctuation in the availability of opportunities and level of money available through those opportunities.

The following is a partial list of potential funding sources for this project, representing the most current available information. Additional funding opportunities may become available in the future.

**Town Funds (TIF, CIP Budget, Discretionary, In-kind, etc.):** The primary need for local funding will come from the need to provide matching funds for most grant sources. Grants may allow for a certain amount of in-kind match, such as the use of town labor or resources, or other donated services from within the community. However, the Town should consider the strategic use of local funds such as from TIF or CIP budgets to implement these projects.

**Congressionally Directed Spending (CDS):** The 117th Congress wrote a new set of rules that allowed them to revive Congressionally directed spending on projects – known as "earmarks". Earmarks can support a wide range of local priority projects ranging from transportation investments, water, wastewater, stormwater infrastructure, and water quality protection projects; and economic development initiatives that improve distressed and blighted areas and encourage community revitalization. To take advantage of earmarks, a locality must submit a request to at least one member of Congress who will determine which projects to support. Member-selected projects are submitted for grant funding to ten designated Appropriations Subcommittees, each of which reviews the submissions to consider its placement in legislation. The US House of Representatives issues requests for Community Project Funding and the US Senate issues Congressionally Directed Spending Requests. These two programs allow communities to work directly with Congress to bring awareness to important local projects that are deserving of federal partnership and have full community support.

- US House of Representatives – Community Project Funding Requests: Within the US House Committee on Appropriations, there are subcommittees for different agencies and accounts. IIJP listing is required for earmark projects under the Interior Subcommittee USEPA STAG program as well as a 20% local match. Applications would be made through the current U.S. House Representative for the 1st Congressional District of Maine.
- US Senate – Congressionally Directed Spending Requests: Within the US Senate Appropriations Committee, there are subcommittees for different agencies and accounts. IIJP listing is required for earmark projects under the Interior Subcommittee USEPA STAG program as well as a 20% local match. Applications are made through the current U.S. Senator's offices.

### Maine Infrastructure Adaptation Fund

The Maine Department of Transportation (MaineDOT) administers the Maine Infrastructure Adaptation Fund (MIAF) to provide one-time funding to municipal, tribal, and infrastructure districts to adapt their critical infrastructure to reduce vulnerability to climate change.

Eligible project sponsors are local and tribal governments, municipal conservation commissions, soil and water conservation districts, and private nonprofit organizations. Eligible projects include scoping and design, and/or construction of specific public infrastructure, including stormwater, and shoreline stabilization.

There are prescribed minimum or maximum award amounts; however, awards typically range from $50,000 – $75,000 for scoping and design projects, and between $125,000 - $4,000,000 for construction projects. MIAF typically requires a 5% local match share (cash or in-kind) that is raised or appropriated by the entity applying. This program is reimbursement only.

Applications are anticipated to open in early 2026.

### Community Resilience Partnership Action Grants

The Maine Governor's Office of Policy Innovation and the Future administers the Community Resilience Partnership (CRP) Action Grants to assist communities to reduce carbon emissions, transition to clean energy, and become more resilient to climate change effects such as extreme storms, flooding, rising sea levels, public health impacts, and more.

Eligible applicants include municipal governments with a CRP designation. Eligible projects are implementation of activities that make communities in Maine more resilient to climate change.

Projects are defined by the following categories:

- Implementation of one or more activities in the List of Community Actions that are aligned with the state's climate action plan, Maine Won't Wait. A match is not required.
- Other community-defined climate and energy implementation priorities. A local match ranging from 10% to 20% is required.

The maximum grant award in Round 6 (the most recent round) was $75,000 for individual community grants and $175,000 for joint community grants. The next round of Community Action Grants is anticipated in early 2026.

### Maine Natural Resource Conservation Program

The Maine Natural Resource Conservation Program (MNRCP) awards competitive grants each year to projects that restore and protect high priority aquatic resources in Maine.

MNRCP provides funding for land acquisition, closing costs, restoration site selection, project design, construction, monitoring, and long-term management. As of August 26, 2025, approximately $1.6 million is available from the MNRCP in the Southern Maine Region.

MNRCP does not have prescribed minimum or maximum award amounts, and no match is required. The next Request for Letters of Intent package will be released in Spring 2026.

### Maine Coast Heritage Trust – Climate Resilience Conservation Fund

The Maine Land Trust Network administers the Climate Resilience Conservation Fund (CRCF) to support land protection projects that enhance climate resilience and reduce climate impacts on Maine's land, waters and people. This approximately $4 million Fund is the land conservation component of Resilient Maine, a $69 million

statewide effort to protect coastal communities, Maine's environment and working waterfronts from extreme storms, flooding and rising sea levels. Support for the Fund comes from the National Oceanic and Atmospheric Administration (NOAA) Climate Resilience Regional Challenge (CRRC).

Eligible entities include municipalities, state conservation agencies, and non-profit organizations dedicated to conservation, restoration or preservation of land and natural resources. Projects must permanently conserve land in fee or through a conservation easement, contribute to the climate resilience of Maine's coastal communities and close by April 2027.

There are prescribed minimum or maximum award amounts; however, awards typically range from $50,000 – 250,000. The next grant round is expected to open in Spring 2026 and may be the last grant round available (depending on the availability of future federal funding).

### Climate Smart Communities Initiative

Climate Smart Communities Initiative (CSCI) awards provide funding and technical assistance to advance community-based climate resilience in communities or regions that are highly vulnerable to the impacts of climate change. Approximately $1.5-2 million is available for the 2026 cycle.

The program prioritizes funding for communities that include historically disinvested populations at increased risk to climate-related impacts. The competition is open to US-based project teams that include all three types of partners: 1) a climate adaptation practitioner, 2) community-based organization, and 3) local or regional government. Applicant communities must be facing significant impacts from climate-related hazards based on environmental as well as socioeconomic considerations.

Activities and work proposed must be strictly focused on climate adaptation and resilience. Applications with a primary focus on climate mitigation actions, emissions reduction, carbon sequestration, or energy efficiency will not be considered. Funding priorities include projects designed to help communities that are vulnerable to climate change-related hazards to build their capacity to plan for climate impacts and to increase their resilience to those hazards; equity in climate resilience planning and implementation; consideration of climate impacts on nature and nature-based solutions (NbS) in climate resilience plans and projects (e.g., adaptive and cost-effective alternatives to standard gray infrastructure-based solutions); demonstration that the proposed project is aligned with the needs of, and conditions present in, the community or region in question; and ability to complete the project within 12 months.

Grants typically range from $75,000 to $115,000. CSCI anticipates awarding between 16-20 grants for the 2026 cycle. Applications are due March 12, 2026.

### National Fish Passage Program (FY25)

The U.S. Fish & Wildlife Service administers the National Fish Passage Program (FY25) to remove instream barriers and restore aquatic connectivity, improve community safety, and support local economies. Fish passage projects benefit communities by reducing flood risk, improving recreational opportunities, and improving roads while supporting native fish populations and aquatic ecosystems. Approximately $10 million is expected to be available.

Eligible applicants include state, county, and local governments, special district governments, independent school districts, institutions of higher education, Native American tribal governments, public housing authorities, and non-profit organizations.

Eligible projects will provide meaningful benefits for aquatic habitats and infrastructure resiliency. Projects that receive highest ranking are those that:

- Demonstrate ecological benefits for Federal trust species and significantly contribute to the recovery or conservation of Federal trust species or priority watersheds identified in regional priorities and relevant State and other watershed management plans.
- Demonstrate permanent, long-term benefit to fish passage and aquatic habitat connectivity.
- Incorporate proven methods while being mindful of opportunities to innovate and test emerging technologies.
- Demonstrate partner engagement.
- Identify with one or more specific community benefit including expansion of recreational opportunities, reduced risk of flooding, improved public safety, support of local economy or similar benefit.
- Benefit ecosystem adaptation for the aquatic ecosystem and infrastructure resiliency for the surrounding human community.
- Consider watershed context.

The maximum grant award is $1 million. A match is not required; however, preference will be given to projects that provided a 1:1 partner match. Applications are due December 31, 2025.

### Transformational Habitat Restoration and Coastal Resilience Grants

The National Oceanic and Atmospheric Administration (NOAA) provides funding through the Transformational Habitat Restoration and Coastal Resilience Grants program to help sustain our nation's fisheries, make significant strides in the recovery of threatened and endangered species, and help protect coastal communities and ecosystems from the impacts of climate change. They will support efforts such as reconnecting rivers to their historic floodplains, out planting corals to rebuild reefs, building living shorelines that protect coasts from erosion and sea level rise, and more.

Eligible applicants include state, local, and tribal governments.

Grant awards range from $750,000 to $10 million. A match is not required but is strongly encouraged. Applications for the last round were due on April 16, 2025. As this program is funded by the Bipartisan Infrastructure Law (BIL) it is uncertain if there will be future funding rounds.

# Section 8 Conclusion

The results of this study show that the Self-Regulated Tide (SRT) Gate on New Salt Road is the primary control on tidal exchange within the four upstream marsh systems. Monitoring data documented reduced tidal range, measurable peak elevation differences, and increasing lag time with distance upstream, particularly during higher tidal cycles. These findings confirm that the SRT restricts incoming tidal flows more than outgoing flows, limiting the extent and duration of saltwater inundation needed to maintain healthy salt marsh conditions. Vegetation observations and supplemental salinity measurements support this conclusion, indicating stressed or transitioning marsh communities in several locations.

Although the SRT continues to provide needed flood protection for low-lying areas adjacent to West Grand Avenue, reduced tidal exchange has contributed to diminished marsh resilience. This includes lower salinity in upper reaches, reduced flushing, and conditions that favor expansion of invasive or brackish species. The analysis also highlights that natural system response varies across the four marshes due to channel configuration, culvert elevations, and differences in hydrologic connectivity.

Balancing marsh health with flood protection remains a central consideration. The Town will need to evaluate operational adjustments, incremental system changes, and long-term monitoring to improve tidal exchange while avoiding detrimental flooding of nearby structures. The recommendations presented in Section 6 provide a path forward that include operational refinements, potential structural improvements, and continued data collection to support adaptive management.

## 8.1 Next Steps

To build on the findings of this study and advance the Town's marsh resilience and flood mitigation goals, the following next steps, are recommended:

1. Implement Revised Gate Operations
   Begin an iterative adjustment of the SRT operating elevations consistent with Section 6. This should include field observations during higher tide events and checks at flood sensitive locations as indicated in Section 3. Adjustments in the SRT should be closely monitored and the effects on each marsh evaluated over several months.

2. Continue and Expand Marsh Monitoring
   Maintain deployment of the existing data loggers to capture a broader range of conditions, including larger precipitation events and additional seasonal variability. The Town owns several more data loggers and should deploy additional loggers at other strategic locations such as:

   - Royal Street at western extent of Randall Park Marsh
   - Clover Street Culvert
   - Free Street at western extent of Ancona Marsh
   - Free Street at western extent of Jordan Park Marsh
   - Western end of Oceana Avenue near western extent of Jordan Park Marsh
   - Other locations as necessary

The Town should explore partnerships with academic institutions such as the University of New England or other regional agencies for data management and interpretation. Other opportunities include forming a committee with neighboring towns such as Wells, Saco, and Scarborough to share ideas and discuss challenges and potential actions. The Town should designate a staff member to act as a liaison between Town Staff, committee members, partnering institutions, and other interested parties. The Town should also consider retaining a professional consultant on an "on-call" basis to facilitate and provide technical oversight at critical intervals in the process.

3. Evaluate the Addition of a Second Actuating Gate
   If determined during the revised gate operations that the system can withstand an additional actuating gate, the Town should initiate conceptual evaluation and develop an opinion of cost to retrofit one of the existing gates with a second actuating gate. This improvement has the potential to reduce the incoming lag time and increase tidal range upstream. Addition of a second actuating gate would need to be carefully studied to confirm no adverse impacts to the marsh system or adjacent properties.

4. Develop a Structure Cleaning and Maintenance Schedule
   Finalize a maintenance plan for routine cleaning of identified culverts and structures that influence tidal flow. This schedule should be coordinated with Public Works staff and incorporated into ongoing stormwater and coastal maintenance programs.

5. Assess Funding Opportunities
   Review current state and federal coastal resilience funding programs that may support capital improvements, long-term monitoring, or design of an expanded SRT program. A list of potential funding sources is included in Section 7. Other funding opportunities may become available, and the list should be revisited annually.

6. Continue Community and Stakeholder Engagement
   Maintain communication with residents and stakeholders as adjustments are implemented. This includes providing updates on monitoring results, gate operations, and any proposed capital projects.

These steps will allow the Town to refine gate operations, improve tidal circulation, and better understand the system's response while maintaining flood protection. Implementing these actions incrementally will support a data-driven approach to long-term marsh resilience and coastal flood management.

# Appendix A
# Base Maps and Figures

A-1:Base Map

A-2: Incremental Peak Difference Graphs

A-3: Spring Timeseries

A-4: October Timeseries

Graph 1 - Water Level Timeseries
ML-1
ML-2
ML-3
ML-4
ML-5
ML-6
Daily Precipitation
Water Level Elevation ft. NAVD88
Precipitation (inches)
Timestamp
09/29/2025 12 AM
10/01/2025 12 AM
10/06/2025 12 AM
10/11/2025 12 AM
10/16/2025 12 AM
10/21/2025 12 AM
10/26/2025 12 AM
10/31/2025 12 AM

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## SITE PLAN - RANDALL PARK MARSH & NEW SALT ROAD MARSH

SCALE: 1"=50'

0 50 100

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CAD:
CHECKED: J.WALLACE
DATE: 09-2025
APPROVED: J.WALLACE
DATE: 09-2025
SUBMISSION: PRLIMINARY REVIEW

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TOWN OF OLD ORCHARD BEACH, MAINE
WEST GRAND MARSH RESILIENCY

SITE PLAN
RANDALL PARK MARSH & NEW SALT ROAD MARSH

DRAWING
C-101

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## SITE PLAN - ANCONA MARSH

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TOWN OF OLD ORCHARD BEACH, MAINE
WEST GRAND MARSH RESILIENCY

SITE PLAN
ANCONA MARSH

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## SITE PLAN - JORDAN PARK MARSH

SCALE: 1"=60'

0 60 120

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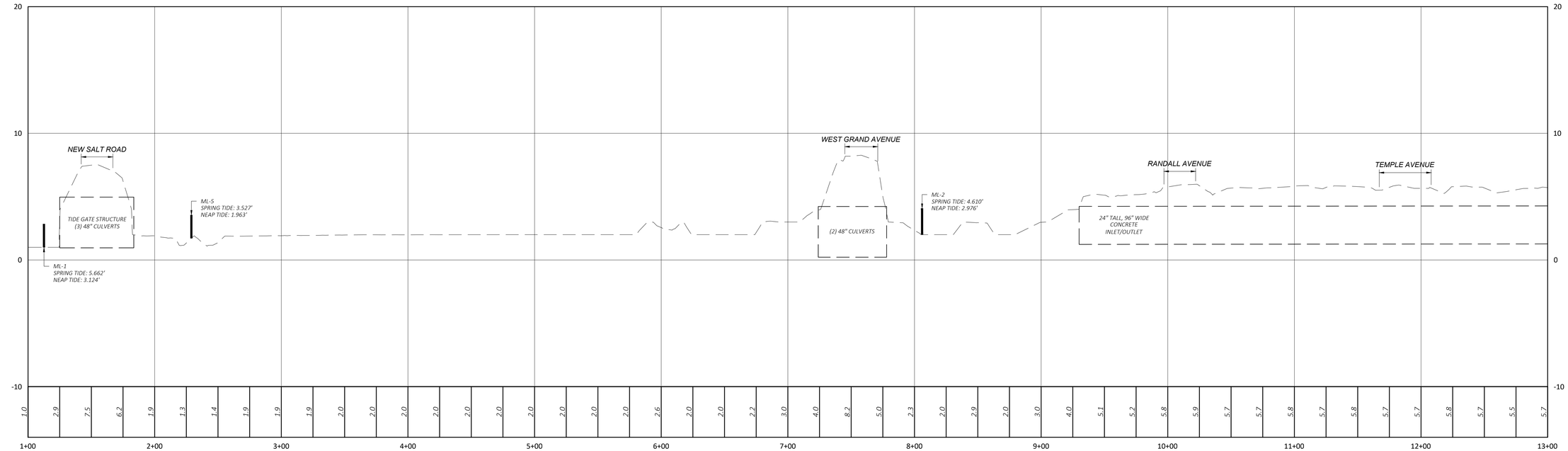
TOWN OF OLD ORCHARD BEACH, MAINE
WEST GRAND MARSH RESILIENCY

SITE PLAN
JORDAN PARK MARSH

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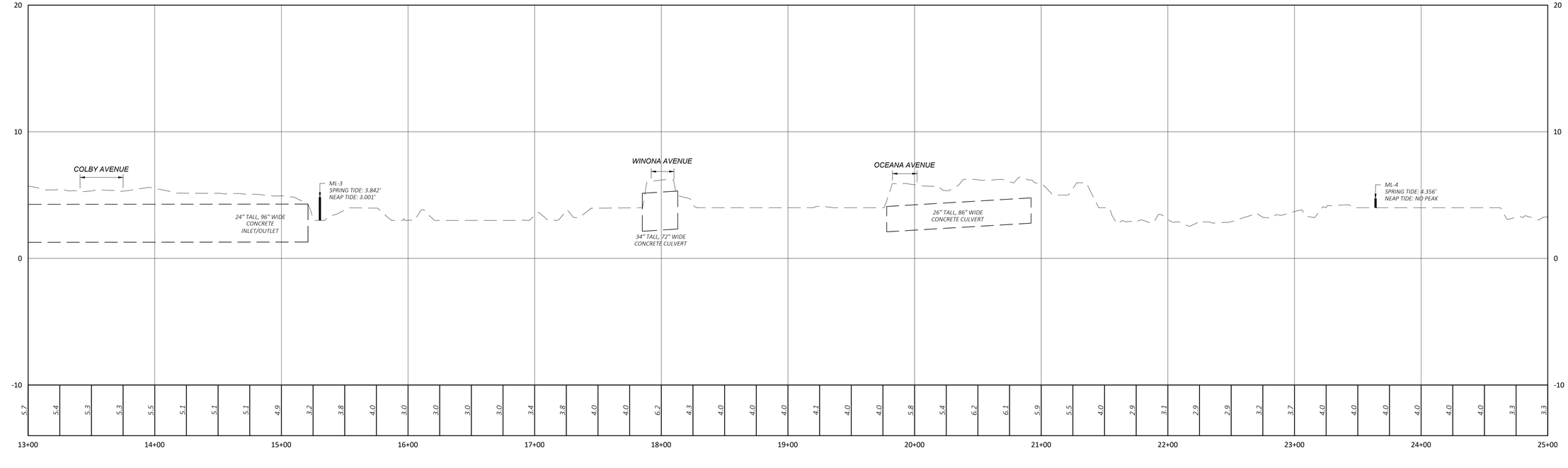
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## PROFILE

**SCALES**
**VERT:1"=4'**
**HORIZ:1"=40'**




## PROFILE

**SCALES**
**VERT:1"=4'**
**HORIZ:1"=40'**

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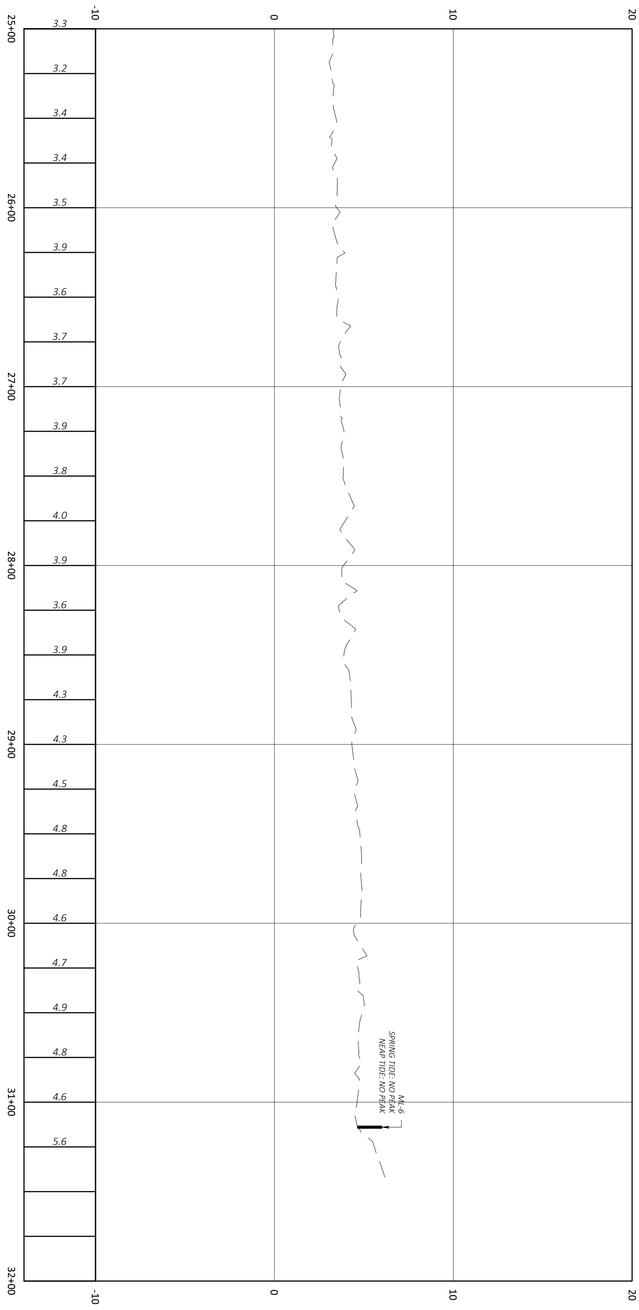
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**TOWN OF OLD ORCHARD BEACH, MAINE**
**WEST GRAND MARSH RESILIENCY**

**CHANNEL PROFILE: STA 1+00 TO STA 25+00**

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## PROFILE

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**TOWN OF OLD ORCHARD BEACH, MAINE**
**WEST GRAND MARSH RESILIENCY**

**CHANNEL PROFILE: STA 25+00 TO STA 32+00**

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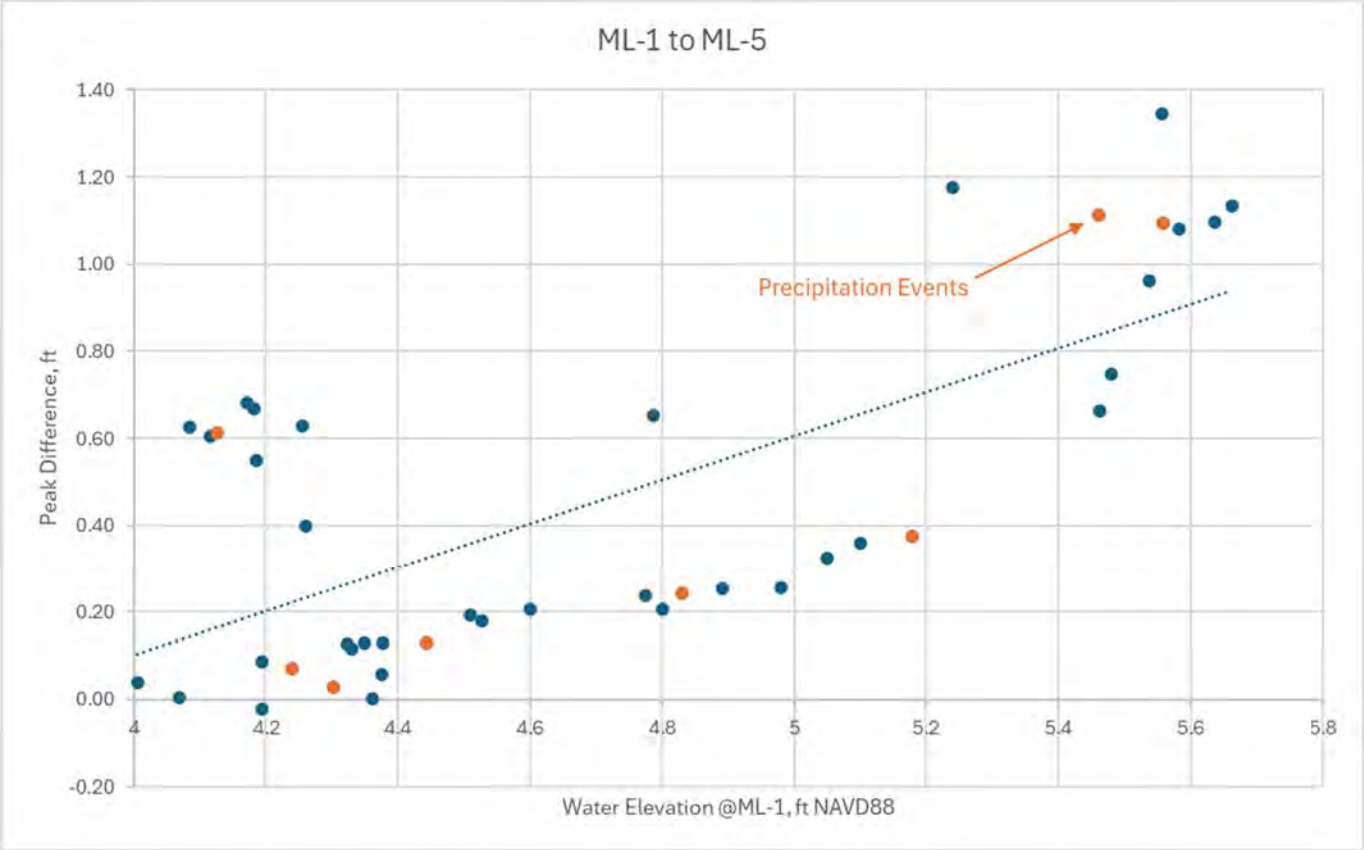
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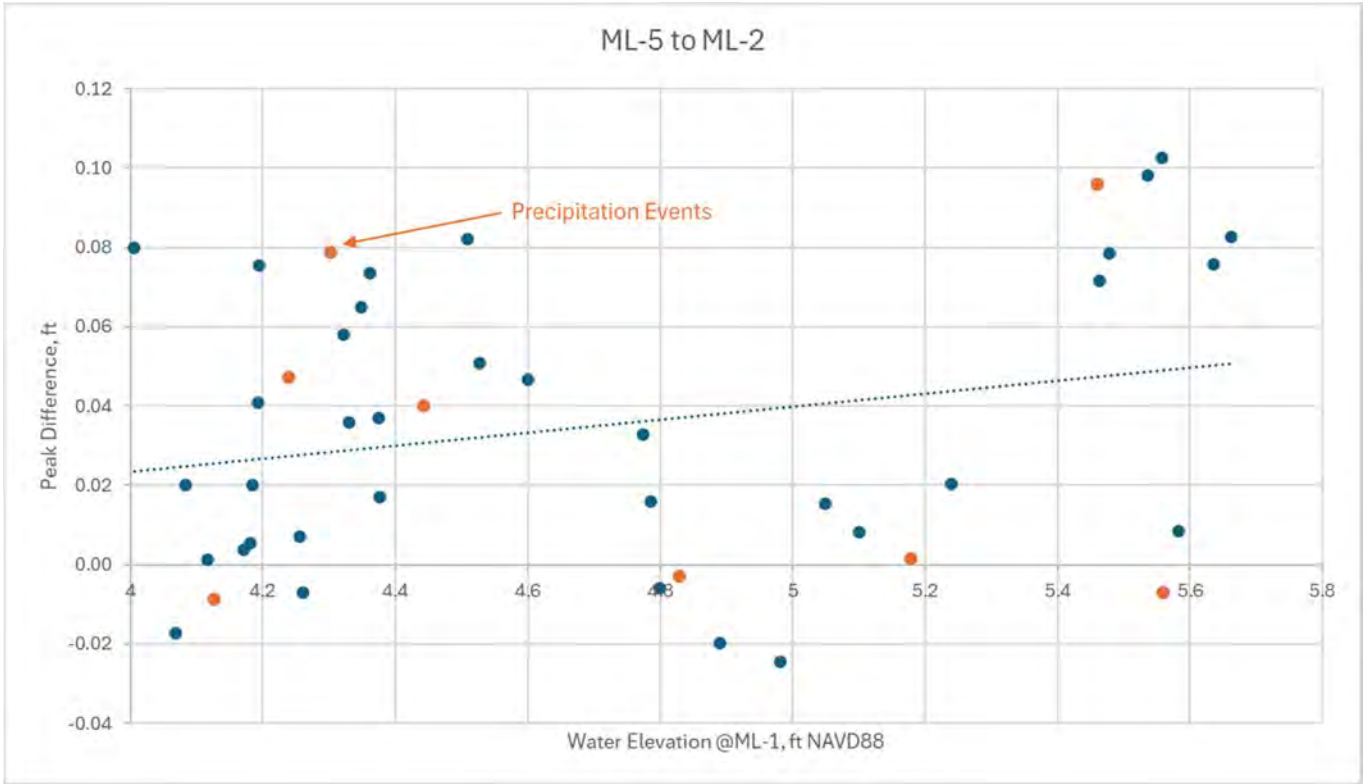
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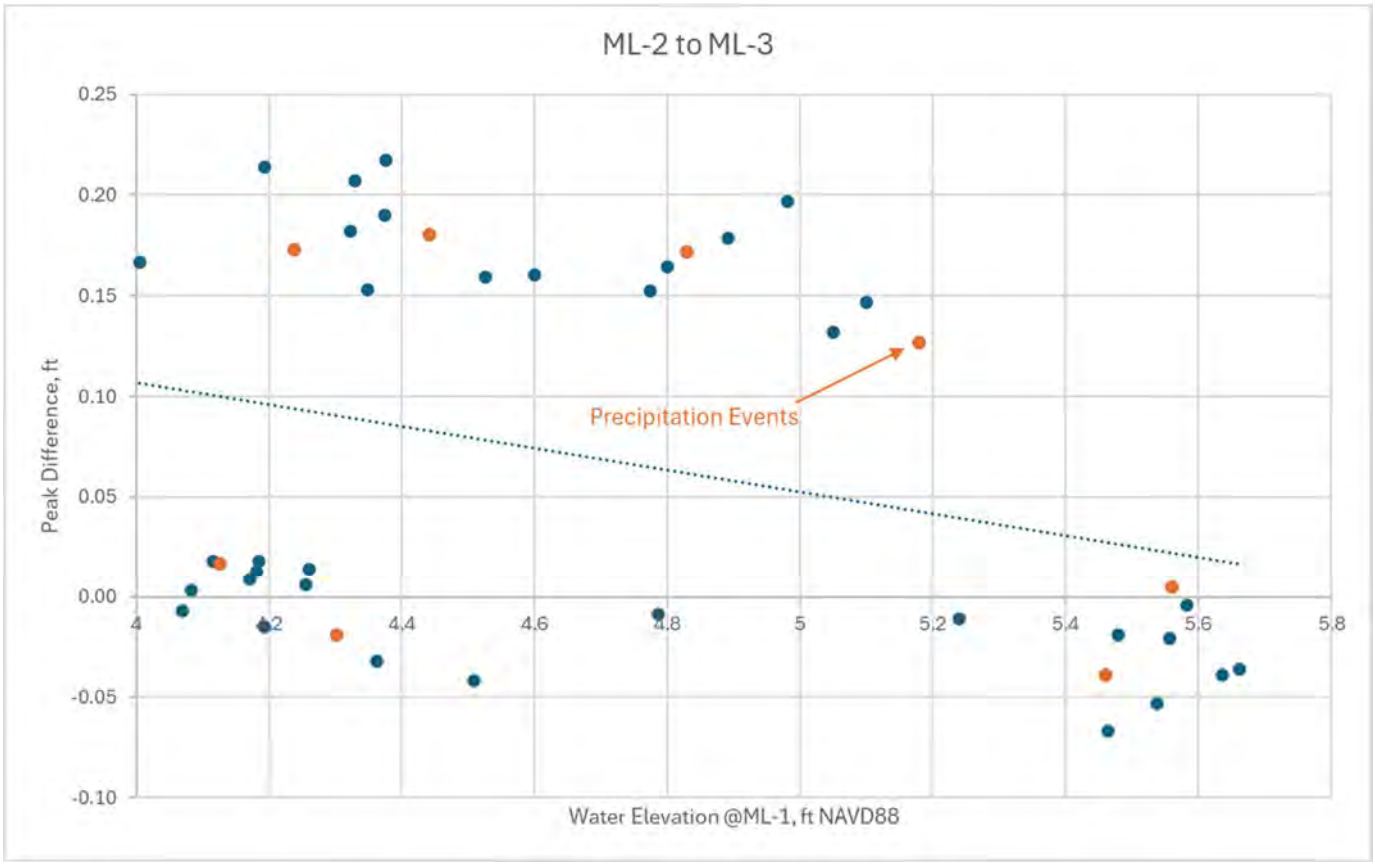
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| DATE: | 09-2025 |
| SUBMISSION: | PRLIMINARY REVIEW |

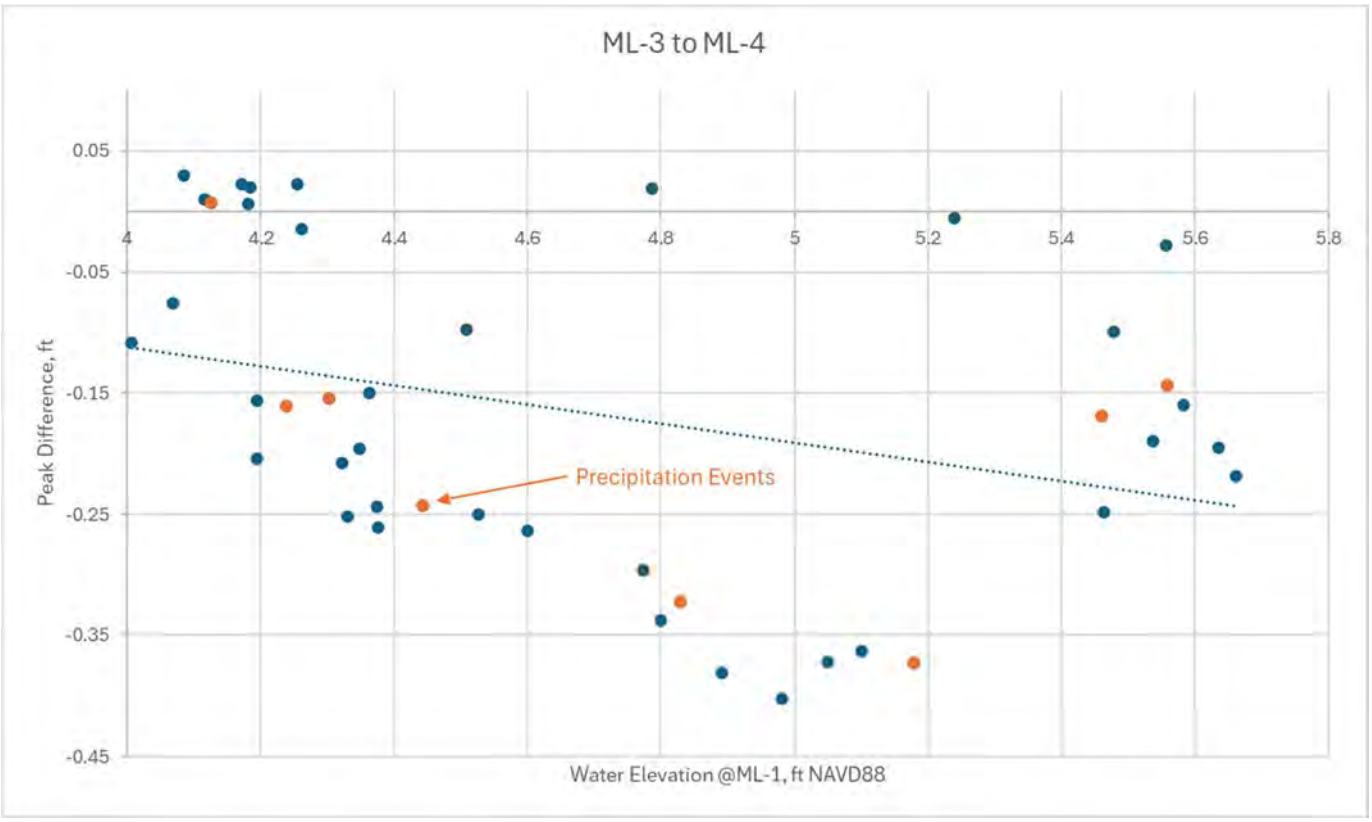
| NO | REVISIONS | APP'D | DATE |
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| 5 | | | |

# Incremental Peak Difference Graphs




ML-2 to ML-3
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
Peak Difference, ft
Precipitation Events
4
4.2
4.4
4.6
4.8
5
5.2
5.4
5.6
5.8
Water Elevation @ML-1, ft NAVD88


ML-3 to ML-4
0.05
-0.05
-0.15
-0.25
-0.35
-0.45
Peak Difference, ft
Precipitation Events
4
4.2
4.4
4.6
4.8
5
5.2
5.4
5.6
5.8
Water Elevation @ML-1, ft NAVD88

Graph 1 - Water Level Timeseries

# Appendix B
# Vegetation Assessment

# Old Orchard Beach Salt Marsh Habitat Assessment

Old Orchard Beach, Maine

Prepared for:
Town of Old Orchard Beach

Prepared by:
Stantec Consulting Services, Inc.

December 18, 2025

Project/File:
195603243



Stantec Consulting Services Inc.

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# 1 Introduction

The Town of Old Orchard Beach, Maine (Town) is evaluating the overall health and function of four salt marshes located in the Ocean Park community (Appendix A, Figures 1–4; project). Hydrology of the salt marshes is currently controlled by a self-regulated tide gate that was installed in 1997 under New Salt Road. The goal of the project is to manage the tide gate to optimize the overall health and function of the salt marshes while minimizing detrimental tidal flooding to the neighboring Ocean Park community. The four salt marshes being evaluated are:

- New Salt Road Marsh
- Randall Park Marsh
- Ancona Marsh
- Jordan Park Marsh

In 2024, Stantec Consulting Services Inc. (Stantec) conducted an ecological assessment of the existing vegetation and salt marsh community types within the Randall Park, Ancona, and Jordan Park marshes. The 2024 assessment builds upon previous studies conducted by Stantec at the Ocean Park marshes, including vegetation monitoring of the New Salt Road salt marsh between 2011 and 2021 as well as non-native invasive species monitoring and control within the Randall Park, Ancona, and Jordan Park marshes in 2018, 2019, 2021, 2023, and 2025. This report summarizes the results of the 2024 salt marsh vegetation and community assessments and presents a conceptual discussion of potential changes to and restoration of the salt marsh habitats in consideration of tide gate operation scenarios and tidal flood data that has been collected by Wright-Pierce.

# 2 2024 Field Assessment Methodology

Stantec characterized the existing vegetation community types within the Randall Park, Ancona, and Jordan Park marshes in August 2024. Data were collected on dominant and characteristic species of the salt marshes and the approximate boundaries of salt marsh vegetation zones (e.g., high marsh and low marsh) were delineated based on observations of changes in dominant vegetation. The approximate salt marsh vegetation zones were located using a GPS receiver capable of submeter accuracy, supplemented with aerial photography interpretation. In addition, populations of non-native invasive plant species were identified and their overall spatial abundance was characterized. Representative photographs were taken to document the existing conditions.

Based on Stantec's past vegetation monitoring of the New Salt Road Marsh, no additional vegetation or salt marsh community assessments were conducted at the New Salt Road Marsh in 2024. However, approximate marsh community areas were delineated using data from previous field observations and supplemented with aerial photography analyses.

# 3 Field Assessment Results

The field assessments of Randall Park, Ancona, and Jordan Park marshes was conducted on August 12, 2024. The following summarizes the 2024 salt marsh assessments of the Randall Park, Ancona, and Jordan Park marshes and also includes previous data collected in 2021 at the New Salt Road Marsh. Figures of the marsh assessment areas are provided in Appendix A and include a delineation of tidal marsh communities within each marsh. Representative photographs are provided in Appendix B.

## 3.1 New Salt Road Marsh

The New Salt Road Marsh supports a diversity and abundance of native vegetation that is characteristic of Maine salt marshes based on vegetation data collected in 2021 (Appendix A, Figure 1). Saltmeadow cordgrass (*Spartina patens*) and saltmarsh rush (*Juncus gerardii*) dominate the high marsh and smooth cordgrass (*Spartina alterniflora*) dominates the low marsh. The elevation of the high marsh generally occurs between elevations of 4 and 5 feet NAVD88 based on topographic mapping data provided by Wright-Pierce. The low marsh area is confined to a narrow zone along the tidal creek that flows through the marsh and generally occurs between elevations of 3 and 4 feet NAVD88. Halophytes such as seaside goldenrod (*Solidago sempervirens*), maritime orach (*Atriplex acadiensis*), common glasswort (*Salicornia depressa*), and common silverweed (*Argentina anserina*) are scattered in low abundance within high marsh zones. The upper edge of the marsh along West Grand Avenue (Route 9) includes species that are less saline tolerant such as switch panicgrass (*Panicum virgatum*), red fescue (*Festuca rubra*), and the non-native tick quackgrass (*Thinopyrum pycnanthum*) and indicate a lower frequency of tidal inundation. Areas of erosion were observed in 2021 along portions of the tidal creek flowing within the marsh.

## 3.2 Randall Park Marsh

The Randall Park Marsh supports predominantly high salt marsh habitat in its eastern portion and brackish marsh habitat in its central and western portions (Appendix A, Figure 2). The low marsh habitat is dominated by smooth cordgrass and is confined to a narrow zone along the existing tidal creek flowing through the marsh. The high marsh is dominated by saltmeadow cordgrass and saltmarsh rush. Additional halophytes including maritime orach, seaside goldenrod, common glasswort, Baltic rush (*Juncus balticus*), saltmarsh tuber-bulrush (*Bolboschoenus maritimus*), and annual sea-blite (*Suaeda linearis*) are present in low abundance throughout the high marsh. Most of the high marsh habitat occurs between elevations of 4 and 5 feet NAVD88 based on topographic mapping data provided by Wright-Pierce.

Further to the west of West Grand Avenue and the tidal creek, the central area of the open marsh becomes brackish and is dominated by switch panicgrass. Poison-ivy (*Toxicodendron radicans*), common reed (*Phragmites australis*), and Baltic rush occur within this area in low abundance. The predominance of switch panicgrass indicates a lower frequency of tidal inundation within this area.

The western-most portion of the Randall Park Marsh receives more freshwater inputs and supports a transitional community between a mixed brackish marsh and freshwater scrub-shrub and forested wetland

with a higher diversity of vegetation. Narrow-leaved cat-tail (*Typha angustifolia*) is dominant in this area with additional characteristic brackish and freshwater marsh species such as poison-ivy, broad-leaved cat-tail (*Typha latifolia*), eastern marsh fern (*Thelypteris palustris*), smooth saw-sedge (*Cladium mariscoides*), three-square club-bulrush (*Schoenoplectus pungens*), little-headed spikesedge (*Eleocharis parvula*), Canada rush (*Juncus canadensis*), American burnweed (*Erechtites hieraciifolius*), American germander (*Teucrium canadense*), and switch panicgrass. Woody plants including red maple (*Acer rubrum*) and sweetgale (*Myrica gale*) are present. Past herbicide treatments by Stantec targeted a large colony of common reed in this brackish wetland area. Most of the population appeared dead but a few residual plants were observed in 2024.

## 3.3 Ancona Marsh

Ancona Marsh is a narrow salt marsh that is fragmented by existing road crossings (i.e., West Grand Avenue and Clover Street) and adjacent residences (Appendix A, Figure 3). Low marsh habitat is not present in the marsh apart from a narrow zone of smooth cordgrass that occurs along the banks of the tidal creek that flows through the marsh. The portion of the marsh between West Grand Avenue and Clover Street is a mixed high marsh community dominated by seaside goldenrod and saltmarsh rush. Most of the high marsh occurs between elevations of 4 and 5 feet NAVD88 based on topographic mapping data provided by Wright-Pierce. Additional halophytes observed include Carolina sea-lavender (*Limonium carolinianum*), maritime orach, switch panicgrass, and Fowler's knotweed (*Polygonum fowleri*); saltmeadow cordgrass is very low in abundance in this marsh area. Based on the vegetation patterns observed, this portion of the marsh appears to receive a lower frequency of tidal inundation due to the limited abundance of saltmeadow cordgrass.

To the west of Clover Street, a narrow section of mixed high marsh dominated by seaside goldenrod is present between residences along the existing tidal creek. Past herbicide treatments of common reed occurred in this area and have largely been successful at eliminating common reed in this area as the area contains very few residual plants. The marsh expands slightly further to the west and includes saline and brackish marsh components. The interior of the marsh includes a high salt marsh community dominated saltmeadow cordgrass. Brackish marsh communities are present in the western and southwestern portions of this marsh area and include colonies of three-square club-bulrush, narrow-leaved cat-tail, creeping bentgrass (*Agrostis stolonifera*), prairie cordgrass (*Spartina pectinata*), and purple loosestrife (*Lythrum salicaria*).

## 3.4 Jordan Park Marsh

Jordan Park Marsh is predominantly a brackish marsh (Appendix A, Figure 4). Salt marsh habitat is restricted to the southern portion of the marsh and includes a high marsh community dominated by saltmeadow cordgrass with additional species such as saltmarsh tuber-bulrush and seaside goldenrod present in lower abundance. Most of the high marsh occurs between elevations of 4 and 5 feet NAVD88 based on topographic mapping data provided by Wright-Pierce. Low marsh habitat is limited to a narrow zone of smooth cordgrass that occurs along the banks of the tidal creek within the southeastern portion of the marsh.

The central and northern portions of the marsh is brackish and include a near-monoculture of narrow-leaved cat-tail and hybrid cat-tail (*Typha ×glauca*). Brackish wetland plant diversity increases in the southwestern portion of the marsh and commonly includes three-square club-bulrush, poison-ivy, smooth saw-sedge, prairie cordgrass, creeping bentgrass, and a small colony of common reed. The marsh transitions to a freshwater (palustrine) forested and scrub-shrub wetland to the west and northwest.

Sparsely vegetated brackish mudflat and salt panne habitat is interspersed in the southwestern portion of the brackish and salt marsh areas. This area appears to have prolonged inundation which may be impairing tidal wetland vegetation establishment. A review of elevation contour data provided by Wright-Pierce indicates that most of the mudflat and salt panne habitat at Jordan Park Marsh is below elevation 4 feet NAVD88, whereas the high marsh habitat typically ranges between elevations of 4 and 5 feet.

# 4 Discussion

The New Salt Road tide gate system provides an opportunity to manipulate the tidal flood regime, including tidal flood frequency and duration and water surface elevation, of the four Ocean Park salt marshes. Under the current tidal regime, the salt marshes are exhibiting generally healthy and typical salt marsh vegetation zones based on qualitative observations of vegetation communities within the marshes made in 2024 as well as previous years at the New Salt Road Marsh.

Low salt marsh habitat is restricted to narrow zones along the immediate edge of existing tidal creeks and generally occurs between elevations of 3 and 4 feet NAVD88 based on topographic data provided by Wright-Pierce. Here the duration of tidal inundation and salinity levels is sufficient to allow continued persistence of smooth cordgrass (i.e., a characteristic low marsh species). Long-term observational data of the approximate high marsh / low marsh transition at the New Salt Road Marsh by Stantec has shown minor fluctuations of this boundary but no observable directional trend either landward or seaward of this boundary has been evident. The minor fluctuations observed to date are likely attributable to annual vagaries of salt marsh dynamics including rates of subsidence and accretion, tidal flood durations or scour events, plant competition, and surveyor interpretations.

Similarly, the seaward and interior portions of high marsh habitat at the marshes are predominated by characteristic high marsh species such as saltmeadow cordgrass and saltmarsh rush, indicating that the current duration and frequency of tidal inundation and salinity is seemingly appropriate to maintain these community types. However, colonies of switch panicgrass are present within the landward portion of the high marsh communities, particularly at the Randall Park Marsh. Switch panicgrass is a facultative species and typically occurs in drier microhabitats including upper edges of saline and brackish marshes, roadsides, and fields. Its presence in the Randall Park Marsh suggests impairment of natural tidal hydrology in upper portions of the high marsh habitat and that the duration and/or frequency of tidal inundation of these more landward areas may be insufficient for the establishment and persistence of a more optimal salt marsh community (i.e., one dominated by saltmeadow cordgrass and saltmarsh rush). It may also indicate that the rate of accretion, particularly through annual accumulation of organic matter, may be surpassing the rate of marsh subsidence and thereby resulting in a net increase in marsh surface elevation and fostering a

vegetated community indicative of drier marsh habitats. A comparison of 1-foot NAVD88 elevation data provided by Wright-Pierce does not show a topographical gradient between these different patterns of vegetation; review of sub-foot elevation data would be necessary to further discern any marsh surface elevation trends associated with these vegetation zones.

Brackish marsh communities are present at the Randall Park, Ancona, and Jordan Park marshes within landward portions. Species more typical of palustrine (freshwater) marshes including narrow-leaved cat-tail are present in this area. Although these are influenced by tidal inundation, the salinity concentrations of the tidal flow are attenuated through additional inputs of freshwater from groundwater and/or surface water sources thereby resulting in a shift from halophytic salt marsh vegetation to freshwater wetland vegetation. The lower salinity of the brackish marshes allows for colonization of invasive species including common reed, narrow-leaved cat-tail, hybrid cat-tail, and/or purple loosestrife. Salinity data available for the site as provided by Wright-Pierce is limited to the New Salt Road Marsh and Ancona Marsh but shows a greater range of salinity values including overall lower salinity values at Ancona Marsh than that of the New Salt Road Marsh.

Jordan Park Marsh exhibits the most evidence of functional impairment. The near-monoculture of narrow-leaved cat-tail and hybrid cat-tail, both considered non-native and frequently invasive species, throughout the brackish marsh habitat reduces the overall habitat value of this area. In addition, the mudflat and salt panne habitat in the southwestern portion of the marsh indicate areas of prolonged inundation and suggests impairment to drainage off the marsh platform. The dieback of vegetation resulting from the prolonged inundation further erodes high marsh habitat in this area and may be contributing to accelerated marsh subsidence. A review of elevational data show a potential topographic constriction at the eastern outlet of the salt panne habitat where it flows into a tidal creek. This constriction, including the potential presence of blockages or impediments to flow, may be contributing to prolonged retention of tidal flood waters in this portion of the marsh. Further assessments of the marsh drainage may aid in identifying underlying causes for the seemingly increased tidal flood duration of this area. In addition, water level data collected by Wright-Pierce identified significant lag time during ebb and flood tides at Jordan Park Marsh indicating that water entering and exiting the marsh is impeded, likely due to the presence of several culverts between Jordan Park Marsh and New Salt Road. The inefficiency of tidal flow into and out of the Jordan Park Marsh is likely the principal contributor to the observed marsh habitat impairments.

Optimizing the tidal flood regime at the Ocean Park marshes is multifaceted. Under the current tidal flood profiles, the observational data of switch panicgrass colonies in the upper high marsh areas and colonies of narrow-leaved cat-tail and common reed in brackish marsh areas suggest that the tidal flood frequency and/or duration within these areas may be below optimal compared with that necessary to maintain healthy high salt marsh habitat and that the marsh areas could accommodate a slightly greater tidal flood frequency, duration, and/or tidal water surface elevation. The outcome of an increased tidal flood frequency would bring a greater duration of tidal inundation to the upper potions of the high marsh and brackish habitats in an effort to increase hydrology and salinity to levels that may be more appropriate for characteristic high salt marsh species; ultimately resulting in a reduction of switch panicgrass, common reed, and narrow-leaved cat-tail colonies and an increase of saltmeadow cordgrass and saltmarsh rush

colonies. Colonies of smooth cordgrass within the low marsh habitat would be expected to expand under an increased tidal flood profile.

The risks of increasing the tidal flood frequency and duration into the high marsh include increases in marsh subsidence, increased salinity, and reduced marsh accretion rates. Long-term studies of New England salt marshes relative to rising sea level have shown dramatic shifts in high marsh vegetation patterns including significant conversion of typical high marshes dominated by saltmeadow cordgrass and saltmarsh rush to high marshes dominated by stunted forms of smooth cordgrass. Effectively, the high marsh habitat "drowns" due to the prolonged and excessive tidal inundation which accelerates subsidence of the marsh platform through loss of belowground biomass and creates salinity levels and tidal flood durations that are lethal to saltmeadow cordgrass and saltmarsh rush. The die-off of saltmeadow cordgrass and saltmarsh rush in the high marsh habitat is replaced by stunted forms of smooth cordgrass, which is more adaptable to wetter and more saline habitats and exerts a competitive advantage over typical high marsh species under these impaired high marsh hydrological conditions (Mendelssohn and Morris 2002; Raposa et al. 2017; Warren and Niering 1993). Addressing drainage impairments and restoring a more natural tidal ebb and flood tidal profile, particularly to Jordan Pak Marsh, would be an integral component of an increased tidal flood profile through the tide gate.

The risks of reducing the flood frequency further compared with current conditions would be expected to further impair high marsh habitat through the continued migration of upper marsh species such as switch panicgrass and brackish species such as narrow-leaved cat-tail and common reed seaward due to decreased hydrology and decreased salinity levels.

# 5 Conceptual Ecological Restoration Approaches

The following summarizes potential ecological restoration opportunities in the Ocean Park salt marshes and identifies potential data gaps needed to further evaluate feasibility of such measures.

## 5.1 New Salt Road Marsh

No restoration actions at the New Salt Road Marsh habitat are recommended. The marsh vegetation and zonation are largely indicative of a healthy salt marsh habitat. Periodic monitoring of salt marsh vegetation as well as encroachment of invasive species is recommended to identify potential future restoration actions.

## 5.2 Randall Park Marsh

Continued monitoring and maintenance control of non-native invasive species including common reed is recommended as past invasive control actions have had a positive effect at reducing the abundance of common reed within this marsh.

Observational data of a large colony of switch panicgrass in the upper marsh suggests the duration and/or frequency of tidal inundation in this area may be insufficient for the establishment and persistence of a more

optimal high marsh vegetation community. Experimentation of an increased tidal flood profile through manipulation of the tide gate combined with monitoring of salt marsh vegetation could be further evaluated as a restoration option of this high marsh habitat area. Collection and analysis of additional water elevation and marsh surface elevation data (e.g., to nearest 0.1 foot) would be necessary to identify potential target tidal flood profiles for this area.

## 5.3 Ancona Marsh

Similar to Randall Park Marsh, continued monitoring and maintenance control of common reed is recommended at Ancona Marsh to avoid further risks to the marsh habitat through reestablishment of this species.

The observational vegetation data at Ancona Marsh similarly indicates that the current tidal flood profile may be less than optimal for maintaining high marsh habitat. Like Randall Park Marsh, experimentation of an increased tidal flood profile through manipulation of the tide gate combined with monitoring of salt marsh vegetation could be further evaluated as a restoration option of this high marsh habitat area. Collection and analysis of additional water elevation and marsh surface elevation data would be necessary to identify potential target tidal flood profiles for this area.

## 5.4 Jordan Park Marsh

The sparsely vegetated mudflat and salt panne habitat in the southwest portion of the Jordan Park Marsh indicates impairment of salt marsh habitat, likely as a result of prolonged retention of tidal flood waters on the marsh platform that are possibly the result of hydrological constrictions or impediments to drainage. Efforts to curtail oversaturation and subsequent expansion of the salt panne and mudflat area in the southwest portion by improving drainage of tidal flood waters off the marsh platform could be considered to restore this habitat. This could be accomplished by further reviewing tidal flood profiles of the salt panne and mudflat area as well as the associated tidal creek draining this area for hydrological constrictions or impediments to conveyance of tidal flood waters. Collection and analysis of additional water elevation and marsh surface elevation data of this area would be necessary to identify potential impediments to tidal water exchange. If impediments exist, removing such impediments to restore natural drainage pathways off the marsh platform may improve tidal exchange in this area and improve marsh function by reducing prolonged retention of tidal flood water on the marsh platform. Such efforts may in turn favor establishment of smooth cordgrass and more optimal low marsh habitat conditions as the current elevation of the salt panne and mudflat habitat appears consistent with low marsh habitat elevations elsewhere in the marsh. Collection of salinity data from this area is recommended to further evaluate potential suitability for salt marsh vegetation recovery and establishment.

Depending on further collection and review of elevational, water level, and salinity data, as well as in consideration of the desirable habitat, additional measures to increase the marsh surface elevation to mitigate marsh subsidence from oversaturation could be evaluated to bring the marsh elevation to a level that is appropriate for the desired marsh habitat condition. Such measures may include thin layer placement, which is a technique that involves applying clean material that is typically sourced from nearby



dredging operations over the marsh surface to increase the marsh elevation by small increments in order to augment natural accretion rates. Such efforts have been shown to increase plant biomass and productivity in high marsh areas; although its implementation in New England coastal marshes is a relatively new practice (Payne et al. 2021; Puchkoff and Lawrence 2022). The costs, permitting requirements, and short-term habitat impacts to the salt marsh habitat will need to be considered as part of marsh restoration through thin layer placement or other measures.

Like the other marshes, continued monitoring and maintenance control of common reed and other invasive species are recommended in order to avoid further risks to the marsh habitat through reestablishment of non-native invasive species.

# 6 References

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Puchkoff, A.L. and B.A. Lawrence. 2022. Experimental sediment addition in salt-marsh management: plant-soil carbon dynamics in southern New England. *Ecological Engineering* 175: 106495.

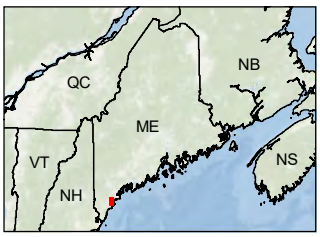
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Warren, R.S. and W.A. Niering. 1993. Vegetation change on a northeast tidal marsh: interaction of sea-level rise and marsh accretion. Ecology 74: 96–103.

# Appendices

# Appendix A Figures




Legend

- Approximate Survey Area

**Tidal Marsh Community**

- High Marsh - Saltmeadow Cordgrass
- Low Marsh - Smooth Cordgrass
- Tidal Creek

0 100 Feet

(At original document size of 8.5x11)
1:1,200

N

***Notes***

1. Wetland community and tidal channel boundaries identified through a combination of GPS survey and aerial photography interpretation
2. Coordinate System: NAD 1983 StatePlane Maine West FIPS 1802 Feet
3. Data Sources: Maine Geolibrary, Stantec
4. Background: Maine orthoMunicipalOldOrchardBeach, 2022

Stantec

*Project Location*
Old Orchard Beach, Maine

Prepared by PWB on 2025-03-19
TR Review by KWH on 2025-03-19
IR Review by MPA on 2025-03-19

*Client/Project* 195603243
Town of Old Orchard Beach
Ocean Park Saltmarsh Assessment

*Figure No.*
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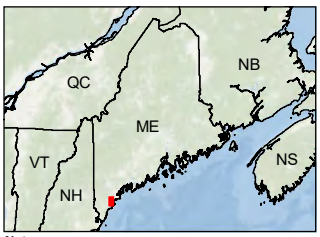
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**New Salt Road Marsh Tidal Wetland Community Map**

Revised: 2025-04-03 By: pbarbera

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Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.




**Notes**

1. Wetland community and tidal channel boundaries identified through a combination of GPS survey and aerial photography interpretation
2. Coordinate System: NAD 1983 StatePlane Maine West FIPS 1802 Feet
3. Data Sources: Maine Geolibrary, Stantec
4. Background: Maine orthoMunicipalOldOrchardBeach, 2022

Legend

- Approximate Survey Area

**Tidal Marsh Community**

- Brackish Marsh - Mixed / Narrow-Leaf Cat-Tail
- Brackish Marsh - Switch Panicgrass
- High Marsh - Saltmeadow Cordgrass
- Low Marsh - Smooth Cordgrass
- Tidal Creek

**Invasive Plant Species Observed**

- Common Reed *(Phragmites australis)*

0 100 Feet

(At original document size of 8.5x11)
1" = 100'

N

Stantec

*Project Location*
Old Orchard Beach, Maine

Prepared by PWB on 2025-03-19
TR Review by KWH on 2025-03-19
IR Review by MPA on 2025-03-19

*Client/Project*
195603243
Town of Old Orchard Beach
Ocean Park Saltmarsh Assessment

*Figure No.*
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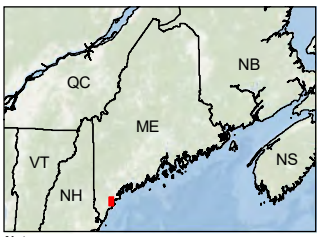
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**Randall Park Marsh Tidal Wetland Community Map**

Revised: 2025-04-03 By: pbarbera

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**Notes**

1. Wetland community and tidal channel boundaries identified through a combination of GPS survey and aerial photography interpretation
2. Coordinate System: NAD 1983 StatePlane Maine West FIPS 1802 Feet
3. Data Sources: Maine Geolibrary, Stantec
4. Background: Maine orthoMunicipalOldOrchardBeach, 2022

Legend

- Approximate Survey Area

**Tidal Marsh Community**

- Brackish Marsh - Mixed
- Brackish Marsh - Narrow-Leaved Cat-Tail
- High Marsh - Mixed
- High Marsh - Saltmeadow Cordgrass
- Tidal Creek

**Invasive Plant Species Identified**

- Purple loosestrife *(Lythrum salicaria)*
- Common Reed *(Phragmites australis)*

0 150 Feet

(At original document size of 8.5x11) 1" = 150'

N

Stantec

*Project Location*
Old Orchard Beach, Maine

Prepared by PWB on 2025-03-19
TR Review by KWH on 2025-03-19
IR Review by MPA on 2025-03-19

*Client/Project* 195603243
Town of Old Orchard Beach
Ocean Park Saltmarsh Assessment

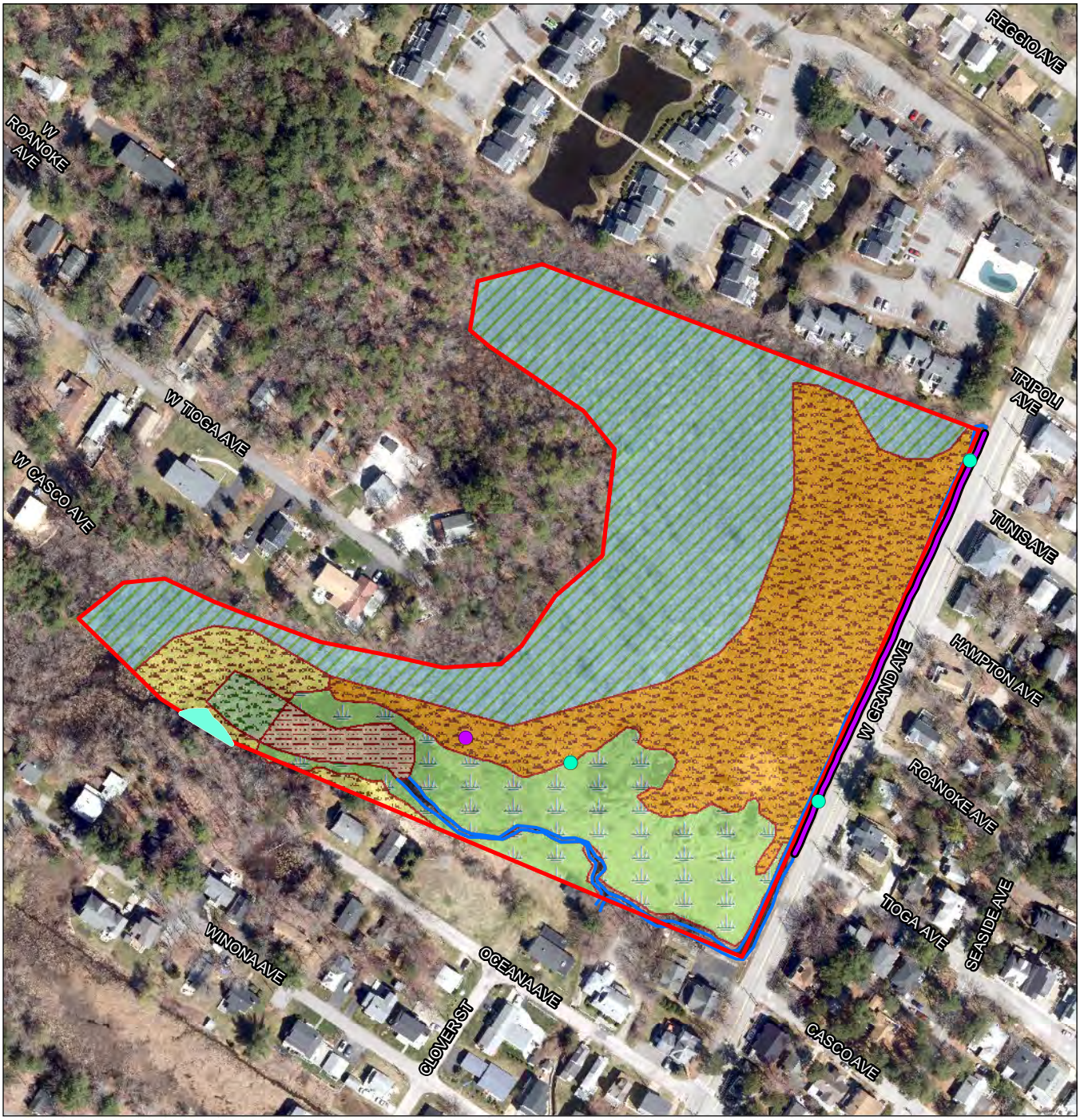
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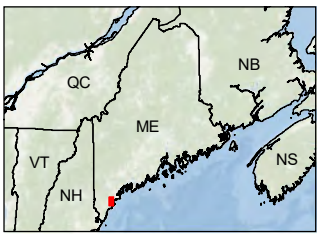
*Title*
**Ancona Marsh Tidal Wetland Community Map**

Revised: 2025-04-03 By: pbarbera

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**Notes**

1. Wetland community and tidal channel boundaries identified through a combination of GPS survey and aerial photography interpretation
2. Coordinate System: NAD 1983 StatePlane Maine West FIPS 1802 Feet
3. Data Sources: Maine Geolibrary, Stantec
4. Background: Maine orthoMunicipalOldOrchardBeach, 2022

Legend

- Approximate Survey Area

**Tidal Marsh Community**

- Brackish Marsh - Mixed
- Brackish Marsh - Mixed / Mudflat
- Brackish Marsh - Narrow-Leaved and Hybrid Cat-Tail
- Freshwater - Forested and Scrub-shrub
- High Marsh - Saltmeadow Cordgrass
- Salt Panne / Mixed High Marsh
- Tidal Creek

**Invasive Plant Species Identified**

- Purple loosestrife *(Lythrum salicaria)*
- Common Reed *(Phragmites australis)*

0 200 Feet

(At original document size of 8.5x11) 1:2,400

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*Project Location*
Old Orchard Beach, Maine

Prepared by PWB on 2025-03-19
TR Review by KWH on 2025-03-19
IR Review by MPA on 2025-03-19

*Client/Project* 195603243
Town of Old Orchard Beach
Ocean Park Saltmarsh Assessment

*Figure No.*
**4**

*Title*
**Jordan Park Marsh Tidal Wetland Community Map**

Revised: 2025-04-03 By: pbarbera

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# Appendix B Representative Photographs

# B.1 New Salt Road Marsh



Photo 1. New Salt Road high marsh habitat. Stantec. August 31, 2021.



Photo 2. New Salt Road low marsh habitat. Stantec. August 31, 2021.




Photo 3. New Salt Road upper marsh edge. Stantec. August 31, 2021.



Photo 4. Tidal creek at culvert under West Grand Avenue. Stantec. August 31, 2021.



Photo 5. Tidal creek through New Salt Road Marsh. Stantec. August 31, 2021.

## B.2 Randall Park Marsh



Photo 1. Low marsh habitat along tidal creek in Randall Park Marsh. Stantec. August 12, 2024.



Photo 2. High marsh habitat dominated by saltmeadow cordgrass in Randall Park Marsh. Stantec. August 12, 2024.



Photo 3. High marsh habitat dominated by saltmeadow cordgrass in Randall Park Marsh. Stantec. August 12, 2024.



Photo 4. Upper brackish marsh dominated by switch panicgrass. Stantec. August 12, 2024.



Photo 5. Upper brackish marsh dominated by switch panicgrass. Stantec. August 12, 2024.



Photo 6. Mixed brackish marsh habitat in western portion of Randall Park Marsh. Stantec. August 12, 2024.



Photo 7. Mixed brackish marsh habitat in western portion of Randall Park Marsh. Stantec. August 12, 2024.



Photo 8. Former colony of common reed in mixed brackish marsh habitat in western portion of Randall Park Marsh. Stantec. August 12, 2024.



Photo 9. Small population of common reed in Randall Park Marsh. Stantec. August 12, 2024.

# B.3 Ancona Marsh



Photo 1. Tidal creek at eastern end of Ancona Marsh. Stantec. August 12, 2024.



Photo 2. Mixed high marsh habitat between West Grand Avenue and Clover Street. Stantec. August 12, 2024.



Photo 3. Mixed high marsh habitat between West Grand Avenue and Clover Street. Stantec. August 12, 2024.



Photo 4. Tidal creek under Clover Street. Stantec. August 12, 2024.



Photo 5. Former common reed colony in marsh to the west of Clover Street. Stantec. August 12, 2024.



Photo 6. High marsh habitat dominated by saltmeadow cordgrass west of Clover Street. Stantec. August 12, 2024.



Photo 7. Brackish marsh habitat dominated by three-square club-bulrush west of Clover Street. Stantec. August 12, 2024.



Photo 8. Mixed brackish marsh habitat in western portion of Ancona Marsh. Stantec. August 12, 2024.



Photo 9. Small population of purple loosestrife in brackish portion of Ancona Marsh. Stantec. August 12, 2024.



Photo 10. Tidal creek bordered by narrow-leaved cat-tail in Ancona Marsh west of Clover Street. Stantec. August 12, 2024.

# B.4 Jordan Park Marsh



Photo 1. Tidal creek along West Grand Avenue. Stantec. August 12, 2024.



Photo 2. High marsh habitat dominated by saltmeadow cordgrass. Stantec. August 12, 2024.



Photo 3. High marsh habitat dominated by saltmeadow cordgrass. Stantec. August 12, 2024.



Photo 4. Colony of saltmarsh tuber-bulrush in area of prolonged tidal inundation in high marsh area. Stantec. August 12, 2024.



Photo 5. Transition from salt marsh habitat to brackish marsh habitat dominated by narrow-leaved cat-tail and hybrid cat-tail. Stantec. August 12, 2024.



Photo 6. High marsh habitat with saltmeadow cordgrass in southern portion of Jordan Park Marsh. Stantec. August 12, 2024.



Photo 7. Transitional salt panne area between salt marsh and brackish marsh in southwestern portion of Jordan Park Marsh; note areas of sparsely vegetated surfaces due to prolonged inundation. Stantec. August 12, 2024.



Photo 8. Brackish marsh habitat in southwestern portion of Jordan Park Marsh. Stantec. August 12, 2024.



Photo 9. Colony of common reed in southwestern portion of marsh. Stantec. August 12, 2024.



Photo 10. Dense colony of narrow-leaved cat-tail and hybrid cat-tail. Stantec. August 12, 2024.

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Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.



# Appendix C
# Tidal Monitoring Memo

C-1: Tidal Monitoring Memo

C-2: October Tabular Data

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/26/2025 11:30 | 1.689 | 1.728 | 2.028 | 3.391 | 1.728 | 4.000 | 62.94 | 62.940 | 65.496 | 64.310 | 63.158 | 66.708 | 27.920 | 4.619 |
| 9/26/2025 11:45 | 1.674 | 1.697 | 2.018 | 3.382 | 1.717 | 4.007 | 63.11 | 63.111 | 65.961 | 64.310 | 63.320 | 66.537 | 28.420 | 4.621 |
| 9/26/2025 12:00 | 1.661 | 1.679 | 1.996 | 3.372 | 1.692 | 3.994 | 63.11 | 63.111 | 66.395 | 64.310 | 63.464 | 66.537 | 28.380 | 4.619 |
| 9/26/2025 12:15 | 1.627 | 1.669 | 1.971 | 3.370 | 1.665 | 3.995 | 63.28 | 63.111 | 66.818 | 64.310 | 63.608 | 66.537 | 28.330 | 4.619 |
| 9/26/2025 12:30 | 1.629 | 1.732 | 1.975 | 3.372 | 1.654 | 3.988 | 63.28 | 63.111 | 67.305 | 64.481 | 63.824 | 66.366 | 28.310 | 4.620 |
| 9/26/2025 12:45 | 1.711 | 1.815 | 2.012 | 3.375 | 1.742 | 3.994 | 63.46 | 63.282 | 67.669 | 64.652 | 64.202 | 66.366 | 28.160 | 4.615 |
| 9/26/2025 13:00 | 1.803 | 1.946 | 2.099 | 3.367 | 1.836 | 4.000 | 63.46 | 63.455 | 67.915 | 64.825 | 64.346 | 66.366 | 28.030 | 4.639 |
| 9/26/2025 13:15 | 1.934 | 2.130 | 2.242 | 3.364 | 1.971 | 4.004 | 63.63 | 63.455 | 68.076 | 64.996 | 64.508 | 66.366 | 27.890 | 4.590 |
| 9/26/2025 13:30 | 2.147 | 2.379 | 2.417 | 3.364 | 2.174 | 4.000 | 63.63 | 63.626 | 68.317 | 65.167 | 65.120 | 66.366 | 24.800 | 4.750 |
| 9/26/2025 13:45 | 2.427 | 2.629 | 2.641 | 3.358 | 2.430 | 3.999 | 63.80 | 63.797 | 68.644 | 65.338 | 66.074 | 66.366 | 26.140 | 4.806 |
| 9/26/2025 14:00 | 2.682 | 2.927 | 2.907 | 3.356 | 2.696 | 3.997 | 64.14 | 63.968 | 68.789 | 65.509 | 66.146 | 66.537 | 27.720 | 4.920 |
| 9/26/2025 14:15 | 2.993 | 3.186 | 3.200 | 3.407 | 2.983 | 3.996 | 64.31 | 64.652 | 68.542 | 65.680 | 65.786 | 66.537 | 29.310 | 4.530 |
| 9/26/2025 14:30 | 3.260 | 3.382 | 3.458 | 3.580 | 3.255 | 3.995 | 64.14 | 65.338 | 67.744 | 66.022 | 65.066 | 66.537 | 30.280 | 4.607 |
| 9/26/2025 14:45 | 3.475 | 3.571 | 3.664 | 3.733 | 3.454 | 3.992 | 63.97 | 65.509 | 67.380 | 66.193 | 64.598 | 66.537 | 30.650 | 9.980 |
| 9/26/2025 15:00 | 3.606 | 3.649 | 3.815 | 3.828 | 3.588 | 3.997 | 63.97 | 65.338 | 67.085 | 66.366 | 64.400 | 66.537 | 31.000 | 16.291 |
| 9/26/2025 15:15 | 3.611 | 3.580 | 3.895 | 3.869 | 3.641 | 3.994 | 63.97 | 65.167 | 66.973 | 66.537 | 64.310 | 66.537 | 31.270 | 20.897 |
| 9/26/2025 15:30 | 3.564 | 3.489 | 3.851 | 3.802 | 3.589 | 4.007 | 63.97 | 64.996 | 66.877 | 66.708 | 64.382 | 66.537 | 31.260 | 21.240 |
| 9/26/2025 15:45 | 3.444 | 3.355 | 3.748 | 3.710 | 3.482 | 4.001 | 63.97 | 64.825 | 66.764 | 66.879 | 64.472 | 66.537 | 31.080 | 22.219 |
| 9/26/2025 16:00 | 3.306 | 3.200 | 3.615 | 3.604 | 3.351 | 4.006 | 63.97 | 64.825 | 66.673 | 66.879 | 64.616 | 66.537 | 30.920 | 25.507 |
| 9/26/2025 16:15 | 3.132 | 3.043 | 3.454 | 3.504 | 3.184 | 4.008 | 64.14 | 64.825 | 66.545 | 67.050 | 64.814 | 66.537 | 30.550 | 24.515 |
| 9/26/2025 16:30 | 2.979 | 2.898 | 3.302 | 3.434 | 3.030 | 4.013 | 64.31 | 64.825 | 66.443 | 67.050 | 64.886 | 66.708 | 30.320 | 23.510 |
| 9/26/2025 16:45 | 2.860 | 2.785 | 3.169 | 3.402 | 2.895 | 4.010 | 64.14 | 64.825 | 66.384 | 67.050 | 65.012 | 66.708 | 30.210 | 26.298 |
| 9/26/2025 17:00 | 2.744 | 2.673 | 3.044 | 3.382 | 2.781 | 4.016 | 64.14 | 64.996 | 66.470 | 67.050 | 65.156 | 66.708 | 30.140 | 26.074 |
| 9/26/2025 17:15 | 2.637 | 2.583 | 2.936 | 3.372 | 2.676 | 4.015 | 64.14 | 64.996 | 66.625 | 67.050 | 65.246 | 66.708 | 30.120 | 25.514 |
| 9/26/2025 17:30 | 2.552 | 2.501 | 2.852 | 3.370 | 2.585 | 4.009 | 64.31 | 64.996 | 66.727 | 67.050 | 65.300 | 66.708 | 29.940 | 22.988 |
| 9/26/2025 17:45 | 2.482 | 2.434 | 2.771 | 3.353 | 2.511 | 4.018 | 64.14 | 64.996 | 66.828 | 66.879 | 65.336 | 66.708 | 29.780 | 25.375 |
| 9/26/2025 18:00 | 2.406 | 2.371 | 2.690 | 3.362 | 2.425 | 4.010 | 64.14 | 64.996 | 66.903 | 66.879 | 65.336 | 66.708 | 29.790 | 25.190 |
| 9/26/2025 18:15 | 2.349 | 2.321 | 2.640 | 3.363 | 2.370 | 4.018 | 64.14 | 64.996 | 66.968 | 66.879 | 65.336 | 66.708 | 29.710 | 25.038 |
| 9/26/2025 18:30 | 2.301 | 2.269 | 2.596 | 3.363 | 2.330 | 4.019 | 64.14 | 64.996 | 67.016 | 66.708 | 65.336 | 66.708 | 29.690 | 23.703 |
| 9/26/2025 18:45 | 2.247 | 2.216 | 2.530 | 3.357 | 2.276 | 4.019 | 63.97 | 64.996 | 67.027 | 66.708 | 65.336 | 66.708 | 29.650 | 20.049 |
| 9/26/2025 19:00 | 2.193 | 2.173 | 2.486 | 3.352 | 2.219 | 4.013 | 64.14 | 64.996 | 66.989 | 66.537 | 65.336 | 66.708 | 29.590 | 18.820 |
| 9/26/2025 19:15 | 2.158 | 2.121 | 2.441 | 3.354 | 2.178 | 4.016 | 64.14 | 64.996 | 66.936 | 66.537 | 65.336 | 66.708 | 29.480 | 18.008 |
| 9/26/2025 19:30 | 2.113 | 2.086 | 2.402 | 3.345 | 2.131 | 4.010 | 64.14 | 64.996 | 66.850 | 66.537 | 65.318 | 66.708 | 29.480 | 17.356 |
| 9/26/2025 19:45 | 2.071 | 2.058 | 2.364 | 3.354 | 2.095 | 4.020 | 63.97 | 64.996 | 66.748 | 66.366 | 65.318 | 66.708 | 29.470 | 16.723 |
| 9/26/2025 20:00 | 2.034 | 2.019 | 2.324 | 3.346 | 2.062 | 4.011 | 63.97 | 64.996 | 66.641 | 66.193 | 65.318 | 66.708 | 29.410 | 15.887 |
| 9/26/2025 20:15 | 1.995 | 1.979 | 2.290 | 3.341 | 2.023 | 4.018 | 63.97 | 64.996 | 66.502 | 66.193 | 65.318 | 66.708 | 29.370 | 15.162 |
| 9/26/2025 20:30 | 1.958 | 1.953 | 2.264 | 3.348 | 1.982 | 4.013 | 63.97 | 64.996 | 66.347 | 66.022 | 65.624 | 66.708 | 27.470 | 14.526 |
| 9/26/2025 20:45 | 1.934 | 1.923 | 2.230 | 3.344 | 1.959 | 4.020 | 63.97 | 65.167 | 66.052 | 66.022 | 65.606 | 66.708 | 27.340 | 13.339 |
| 9/26/2025 21:00 | 1.903 | 1.894 | 2.205 | 3.338 | 1.936 | 4.012 | 63.97 | 65.167 | 65.753 | 65.851 | 65.606 | 66.537 | 27.310 | 12.186 |
| 9/26/2025 21:15 | 1.874 | 1.859 | 2.175 | 3.337 | 1.899 | 4.003 | 63.97 | 65.167 | 65.549 | 65.851 | 65.588 | 66.537 | 27.280 | 11.749 |
| 9/26/2025 21:30 | 1.845 | 1.836 | 2.144 | 3.329 | 1.874 | 4.006 | 63.97 | 65.167 | 65.362 | 65.680 | 65.588 | 66.537 | 27.270 | 11.016 |
| 9/26/2025 21:45 | 1.818 | 1.821 | 2.126 | 3.348 | 1.843 | 4.006 | 63.97 | 65.167 | 65.180 | 65.680 | 65.606 | 66.537 | 27.330 | 10.240 |
| 9/26/2025 22:00 | 1.803 | 1.792 | 2.110 | 3.334 | 1.836 | 4.013 | 63.97 | 65.167 | 65.004 | 65.509 | 65.588 | 66.537 | 27.290 | 9.680 |
| 9/26/2025 22:15 | 1.769 | 1.772 | 2.075 | 3.338 | 1.806 | 4.004 | 63.97 | 64.996 | 64.816 | 65.509 | 65.570 | 66.537 | 27.350 | 8.999 |
| 9/26/2025 22:30 | 1.749 | 1.761 | 2.056 | 3.345 | 1.777 | 4.004 | 63.80 | 64.996 | 64.650 | 65.338 | 65.570 | 66.537 | 27.230 | 8.525 |
| 9/26/2025 22:45 | 1.733 | 1.735 | 2.045 | 3.331 | 1.760 | 4.011 | 63.97 | 64.996 | 64.527 | 65.338 | 65.552 | 66.537 | 27.210 | 8.221 |
| 9/26/2025 23:00 | 1.708 | 1.713 | 2.019 | 3.335 | 1.741 | 4.005 | 63.97 | 64.996 | 64.356 | 65.167 | 65.552 | 66.537 | 27.220 | 6.670 |
| 9/26/2025 23:15 | 1.690 | 1.706 | 2.000 | 3.347 | 1.718 | 4.006 | 63.97 | 64.996 | 64.126 | 65.167 | 65.534 | 66.537 | 27.210 | 6.559 |
| 9/26/2025 23:30 | 1.685 | 1.687 | 1.997 | 3.339 | 1.713 | 4.013 | 63.97 | 64.996 | 63.901 | 64.996 | 65.534 | 66.537 | 27.180 | 7.018 |
| 9/26/2025 23:45 | 1.658 | 1.664 | 1.974 | 3.339 | 1.688 | 4.012 | 63.97 | 64.996 | 63.676 | 64.996 | 65.498 | 66.537 | 27.200 | 6.078 |
| 9/27/2025 0:00 | 1.634 | 1.653 | 1.960 | 3.339 | 1.663 | 4.012 | 63.97 | 64.996 | 63.468 | 64.825 | 65.498 | 66.537 | 27.130 | 6.175 |
| 9/27/2025 0:15 | 1.620 | 1.643 | 1.944 | 3.333 | 1.654 | 4.009 | 63.97 | 64.996 | 63.270 | 64.825 | 65.498 | 66.537 | 27.100 | 6.336 |
| 9/27/2025 0:30 | 1.606 | 1.638 | 1.922 | 3.347 | 1.640 | 4.011 | 63.97 | 64.996 | 63.018 | 64.652 | 65.480 | 66.537 | 27.100 | 6.454 |
| 9/27/2025 0:45 | 1.597 | 1.620 | 1.926 | 3.345 | 1.620 | 4.021 | 63.97 | 64.825 | 62.916 | 64.652 | 65.498 | 66.537 | 26.960 | 7.402 |
| 9/27/2025 1:00 | 1.586 | 1.611 | 1.906 | 3.346 | 1.610 | 4.014 | 63.80 | 64.825 | 62.804 | 64.481 | 65.426 | 66.366 | 26.560 | 6.603 |
| 9/27/2025 1:15 | 1.568 | 1.598 | 1.897 | 3.344 | 1.608 | 4.016 | 63.80 | 64.825 | 62.665 | 64.481 | 65.408 | 66.366 | 26.490 | 7.333 |
| 9/27/2025 1:30 | 1.559 | 1.593 | 1.882 | 3.347 | 1.590 | 4.021 | 63.97 | 64.825 | 62.541 | 64.481 | 65.372 | 66.366 | 26.410 | 7.323 |
| 9/27/2025 1:45 | 1.574 | 1.636 | 1.874 | 3.343 | 1.602 | 4.020 | 63.97 | 64.825 | 62.440 | 64.310 | 65.336 | 66.366 | 26.360 | 6.462 |
| 9/27/2025 2:00 | 1.603 | 1.684 | 1.926 | 3.342 | 1.644 | 4.021 | 63.97 | 64.825 | 62.424 | 64.310 | 65.318 | 66.366 | 26.290 | 6.108 |
| 9/27/2025 2:15 | 1.653 | 1.760 | 1.967 | 3.348 | 1.685 | 4.016 | 63.97 | 64.652 | 62.354 | 64.139 | 65.282 | 66.366 | 26.280 | 7.118 |
| 9/27/2025 2:30 | 1.750 | 1.846 | 2.039 | 3.342 | 1.776 | 4.027 | 63.80 | 64.652 | 62.263 | 64.139 | 65.264 | 66.366 | 26.310 | 6.900 |
| 9/27/2025 2:45 | 1.823 | 1.945 | 2.126 | 3.345 | 1.857 | 4.006 | 63.80 | 64.652 | 61.829 | 63.968 | 65.228 | 66.366 | 26.230 | 7.003 |
| 9/27/2025 3:00 | 1.942 | 2.058 | 2.225 | 3.347 | 1.963 | 4.017 | 63.80 | 64.652 | 61.545 | 63.968 | 65.192 | 66.366 | 26.260 | 7.247 |
| 9/27/2025 3:15 | 2.054 | 2.158 | 2.338 | 3.339 | 2.075 | 4.018 | 63.80 | 64.652 | 61.486 | 63.968 | 64.868 | 66.366 | 26.920 | 7.139 |
| 9/27/2025 3:30 | 2.153 | 2.250 | 2.430 | 3.335 | 2.180 | 4.014 | 63.97 | 64.481 | 61.641 | 63.797 | 64.436 | 66.366 | 27.910 | 6.527 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/27/2025 3:45 | 2.241 | 2.310 | 2.517 | 3.346 | 2.269 | 4.015 | 63.97 | 64.481 | 61.834 | 63.797 | 64.202 | 66.366 | 28.490 | 6.671 |
| 9/27/2025 4:00 | 2.283 | 2.326 | 2.562 | 3.342 | 2.320 | 4.013 | 63.80 | 64.481 | 62.097 | 63.797 | 64.076 | 66.366 | 28.880 | 6.476 |
| 9/27/2025 4:15 | 2.322 | 2.301 | 2.575 | 3.347 | 2.347 | 4.017 | 63.80 | 64.481 | 62.199 | 63.626 | 63.968 | 66.366 | 29.150 | 10.842 |
| 9/27/2025 4:30 | 2.280 | 2.247 | 2.576 | 3.340 | 2.299 | 4.019 | 63.46 | 64.481 | 62.129 | 63.626 | 64.058 | 66.366 | 29.210 | 13.363 |
| 9/27/2025 4:45 | 2.224 | 2.209 | 2.509 | 3.344 | 2.254 | 4.011 | 63.28 | 64.310 | 62.097 | 63.626 | 64.076 | 66.366 | 29.180 | 13.958 |
| 9/27/2025 5:00 | 2.181 | 2.146 | 2.473 | 3.331 | 2.210 | 4.014 | 63.28 | 64.310 | 62.161 | 63.455 | 64.058 | 66.193 | 29.170 | 15.226 |
| 9/27/2025 5:15 | 2.121 | 2.113 | 2.410 | 3.339 | 2.144 | 4.016 | 63.11 | 64.310 | 62.209 | 63.455 | 64.022 | 66.193 | 29.120 | 15.162 |
| 9/27/2025 5:30 | 2.093 | 2.057 | 2.376 | 3.341 | 2.111 | 4.024 | 63.11 | 64.310 | 62.236 | 63.282 | 64.022 | 66.193 | 29.080 | 14.303 |
| 9/27/2025 5:45 | 2.041 | 2.022 | 2.327 | 3.336 | 2.060 | 4.015 | 63.11 | 64.310 | 62.247 | 63.282 | 64.004 | 66.193 | 29.090 | 12.117 |
| 9/27/2025 6:00 | 2.005 | 1.986 | 2.287 | 3.338 | 2.032 | 4.018 | 63.11 | 64.310 | 62.236 | 63.282 | 63.986 | 66.193 | 29.020 | 9.639 |
| 9/27/2025 6:15 | 1.967 | 1.956 | 2.261 | 3.339 | 1.992 | 4.016 | 63.11 | 64.310 | 62.215 | 63.282 | 63.986 | 66.193 | 29.010 | 8.436 |
| 9/27/2025 6:30 | 1.937 | 1.925 | 2.214 | 3.335 | 1.955 | 4.024 | 63.11 | 64.139 | 62.161 | 63.111 | 63.968 | 66.193 | 28.990 | 7.935 |
| 9/27/2025 6:45 | 1.894 | 1.890 | 2.182 | 3.343 | 1.920 | 4.020 | 63.11 | 64.139 | 62.102 | 63.111 | 63.968 | 66.193 | 28.940 | 7.725 |
| 9/27/2025 7:00 | 1.863 | 1.863 | 2.161 | 3.338 | 1.889 | 4.008 | 63.11 | 64.139 | 62.022 | 63.111 | 63.968 | 66.193 | 29.780 | 7.561 |
| 9/27/2025 7:15 | 1.842 | 1.826 | 2.138 | 3.339 | 1.864 | 4.025 | 63.11 | 64.139 | 61.925 | 62.940 | 63.968 | 66.193 | 24.980 | 7.430 |
| 9/27/2025 7:30 | 1.805 | 1.784 | 2.099 | 3.328 | 1.825 | 4.012 | 63.11 | 64.139 | 61.829 | 62.940 | 63.968 | 66.193 | 28.230 | 7.371 |
| 9/27/2025 7:45 | 1.762 | 1.756 | 2.054 | 3.319 | 1.782 | 4.000 | 63.11 | 64.139 | 61.727 | 62.940 | 63.968 | 66.193 | 28.830 | 7.337 |
| 9/27/2025 8:00 | 1.733 | 1.722 | 2.030 | 3.313 | 1.753 | 4.002 | 63.11 | 64.139 | 61.625 | 62.940 | 63.968 | 66.193 | 28.760 | 7.311 |
| 9/27/2025 8:15 | 1.704 | 1.709 | 1.997 | 3.314 | 1.723 | 3.991 | 63.11 | 64.139 | 61.534 | 62.940 | 63.986 | 66.193 | 28.790 | 7.288 |
| 9/27/2025 8:30 | 1.677 | 1.689 | 1.982 | 3.321 | 1.706 | 3.996 | 63.11 | 64.139 | 61.395 | 62.769 | 63.986 | 66.193 | 28.780 | 7.256 |
| 9/27/2025 8:45 | 1.661 | 1.664 | 1.961 | 3.308 | 1.680 | 3.996 | 63.11 | 63.968 | 61.261 | 62.769 | 64.004 | 66.193 | 28.370 | 7.218 |
| 9/27/2025 9:00 | 1.638 | 1.645 | 1.938 | 3.305 | 1.658 | 3.990 | 63.28 | 63.968 | 61.180 | 62.769 | 64.004 | 66.193 | 28.290 | 7.188 |
| 9/27/2025 9:15 | 1.618 | 1.626 | 1.922 | 3.301 | 1.636 | 3.986 | 63.28 | 63.968 | 61.169 | 62.769 | 64.022 | 66.193 | 28.750 | 7.173 |
| 9/27/2025 9:30 | 1.591 | 1.608 | 1.904 | 3.298 | 1.612 | 3.982 | 63.28 | 63.968 | 61.277 | 62.769 | 64.040 | 66.193 | 28.710 | 7.159 |
| 9/27/2025 9:45 | 1.580 | 1.598 | 1.884 | 3.308 | 1.606 | 3.983 | 63.28 | 63.968 | 61.464 | 62.769 | 64.058 | 66.193 | 28.730 | 7.566 |
| 9/27/2025 10:00 | 1.563 | 1.588 | 1.877 | 3.309 | 1.590 | 3.985 | 63.46 | 63.968 | 61.716 | 62.769 | 64.076 | 66.193 | 28.710 | 7.412 |
| 9/27/2025 10:15 | 1.548 | 1.576 | 1.856 | 3.308 | 1.574 | 3.997 | 63.46 | 63.968 | 62.022 | 62.769 | 64.094 | 66.193 | 28.700 | 7.503 |
| 9/27/2025 10:30 | 1.536 | 1.566 | 1.855 | 3.306 | 1.572 | 4.008 | 63.46 | 63.968 | 62.381 | 62.769 | 64.112 | 66.193 | 28.680 | 7.541 |
| 9/27/2025 10:45 | 1.525 | 1.564 | 1.847 | 3.323 | 1.560 | 4.006 | 63.46 | 63.968 | 62.766 | 62.769 | 64.130 | 66.193 | 28.640 | 7.475 |
| 9/27/2025 11:00 | 1.524 | 1.556 | 1.852 | 3.316 | 1.555 | 4.008 | 63.63 | 63.968 | 63.179 | 62.940 | 64.166 | 66.193 | 28.640 | 7.072 |
| 9/27/2025 11:15 | 1.507 | 1.546 | 1.832 | 3.316 | 1.542 | 4.014 | 63.63 | 64.139 | 63.607 | 62.940 | 64.220 | 66.193 | 28.630 | 7.031 |
| 9/27/2025 11:30 | 1.501 | 1.526 | 1.825 | 3.310 | 1.531 | 4.015 | 63.80 | 64.139 | 64.062 | 63.111 | 64.310 | 66.193 | 28.610 | 6.986 |
| 9/27/2025 11:45 | 1.477 | 1.500 | 1.806 | 3.298 | 1.517 | 4.012 | 63.80 | 64.310 | 64.543 | 63.111 | 64.490 | 66.193 | 28.610 | 6.921 |
| 9/27/2025 12:00 | 1.459 | 1.495 | 1.791 | 3.305 | 1.496 | 4.002 | 63.97 | 64.310 | 65.046 | 63.282 | 64.760 | 66.366 | 27.690 | 6.819 |
| 9/27/2025 12:15 | 1.453 | 1.496 | 1.785 | 3.306 | 1.492 | 4.008 | 63.97 | 64.481 | 65.528 | 63.455 | 65.084 | 66.366 | 27.350 | 6.717 |
| 9/27/2025 12:30 | 1.438 | 1.487 | 1.781 | 3.306 | 1.482 | 4.008 | 64.14 | 64.481 | 65.994 | 63.626 | 65.408 | 66.366 | 26.470 | 6.597 |
| 9/27/2025 12:45 | 1.434 | 1.474 | 1.774 | 3.304 | 1.475 | 4.004 | 64.31 | 64.652 | 66.427 | 63.797 | 65.732 | 66.366 | 26.410 | 6.461 |
| 9/27/2025 13:00 | 1.432 | 1.492 | 1.761 | 3.300 | 1.462 | 4.001 | 64.31 | 64.825 | 66.818 | 63.968 | 66.056 | 66.366 | 29.010 | 6.321 |
| 9/27/2025 13:15 | 1.458 | 1.549 | 1.774 | 3.299 | 1.500 | 4.004 | 64.48 | 65.167 | 67.091 | 64.310 | 66.326 | 66.366 | 27.530 | 6.420 |
| 9/27/2025 13:30 | 1.544 | 1.645 | 1.836 | 3.303 | 1.570 | 4.003 | 64.65 | 65.509 | 67.294 | 64.481 | 66.452 | 66.537 | 26.950 | 5.940 |
| 9/27/2025 13:45 | 1.646 | 1.769 | 1.935 | 3.300 | 1.666 | 4.003 | 64.83 | 65.851 | 67.380 | 64.652 | 66.560 | 66.537 | 26.700 | 5.987 |
| 9/27/2025 14:00 | 1.793 | 1.943 | 2.054 | 3.302 | 1.806 | 4.003 | 64.83 | 66.022 | 67.615 | 64.996 | 66.794 | 66.537 | 27.830 | 5.363 |
| 9/27/2025 14:15 | 2.004 | 2.217 | 2.229 | 3.305 | 2.005 | 3.993 | 65.00 | 66.022 | 68.039 | 65.167 | 67.136 | 66.537 | 27.310 | 5.639 |
| 9/27/2025 14:30 | 2.291 | 2.516 | 2.492 | 3.302 | 2.275 | 4.003 | 65.17 | 66.022 | 67.819 | 65.509 | 67.568 | 66.537 | 27.020 | 5.593 |
| 9/27/2025 14:45 | 2.587 | 2.800 | 2.796 | 3.301 | 2.576 | 4.006 | 65.34 | 66.193 | 66.636 | 65.680 | 68.036 | 66.537 | 28.880 | 8.847 |
| 9/27/2025 15:00 | 2.871 | 3.088 | 3.076 | 3.305 | 2.863 | 4.002 | 65.34 | 66.366 | 66.646 | 65.851 | 67.676 | 66.708 | 29.990 | 10.840 |
| 9/27/2025 15:15 | 3.171 | 3.307 | 3.373 | 3.438 | 3.152 | 4.001 | 65.51 | 66.537 | 66.973 | 66.022 | 66.938 | 66.708 | 30.770 | 12.233 |
| 9/27/2025 15:30 | 3.407 | 3.484 | 3.587 | 3.636 | 3.363 | 3.998 | 65.34 | 66.708 | 67.519 | 66.193 | 66.488 | 66.708 | 31.060 | 15.673 |
| 9/27/2025 15:45 | 3.538 | 3.566 | 3.759 | 3.753 | 3.539 | 4.005 | 65.34 | 66.879 | 67.819 | 66.366 | 66.308 | 66.708 | 31.110 | 17.299 |
| 9/27/2025 16:00 | 3.533 | 3.496 | 3.822 | 3.757 | 3.575 | 4.001 | 65.17 | 66.708 | 68.108 | 66.366 | 66.110 | 66.708 | 31.170 | 21.601 |
| 9/27/2025 16:15 | 3.462 | 3.388 | 3.747 | 3.684 | 3.511 | 4.005 | 65.34 | 66.537 | 68.097 | 66.366 | 66.092 | 66.708 | 31.260 | 18.894 |
| 9/27/2025 16:30 | 3.395 | 3.259 | 3.650 | 3.593 | 3.396 | 4.009 | 65.34 | 66.537 | 67.996 | 66.537 | 66.110 | 66.879 | 31.260 | 18.990 |
| 9/27/2025 16:45 | 3.207 | 3.098 | 3.507 | 3.493 | 3.259 | 4.007 | 65.34 | 66.366 | 67.969 | 66.537 | 66.146 | 66.879 | 31.160 | 19.329 |
| 9/27/2025 17:00 | 3.059 | 2.954 | 3.360 | 3.409 | 3.084 | 4.005 | 65.51 | 66.366 | 67.985 | 66.537 | 66.254 | 66.879 | 31.060 | 19.532 |
| 9/27/2025 17:15 | 2.914 | 2.823 | 3.211 | 3.377 | 2.951 | 4.010 | 65.51 | 66.366 | 67.798 | 66.366 | 66.398 | 66.879 | 30.740 | 19.888 |
| 9/27/2025 17:30 | 2.786 | 2.712 | 3.087 | 3.351 | 2.824 | 4.013 | 65.34 | 66.366 | 67.744 | 66.537 | 66.488 | 66.879 | 30.410 | 25.251 |
| 9/27/2025 17:45 | 2.676 | 2.614 | 2.964 | 3.337 | 2.716 | 4.010 | 65.34 | 66.366 | 67.648 | 66.366 | 66.542 | 66.879 | 30.360 | 25.418 |
| 9/27/2025 18:00 | 2.591 | 2.532 | 2.874 | 3.335 | 2.616 | 4.012 | 65.34 | 66.366 | 67.664 | 66.366 | 66.560 | 66.879 | 30.150 | 21.611 |
| 9/27/2025 18:15 | 2.507 | 2.455 | 2.801 | 3.331 | 2.525 | 4.022 | 65.51 | 66.366 | 67.808 | 66.366 | 66.560 | 66.879 | 30.090 | 21.733 |
| 9/27/2025 18:30 | 2.432 | 2.389 | 2.722 | 3.319 | 2.462 | 4.025 | 65.34 | 66.366 | 67.867 | 66.366 | 66.542 | 66.879 | 29.980 | 21.210 |
| 9/27/2025 18:45 | 2.370 | 2.329 | 2.655 | 3.309 | 2.396 | 4.020 | 65.17 | 66.366 | 67.846 | 66.193 | 66.542 | 66.879 | 29.910 | 21.683 |
| 9/27/2025 19:00 | 2.298 | 2.271 | 2.591 | 3.307 | 2.330 | 4.022 | 65.34 | 66.366 | 67.787 | 66.193 | 66.542 | 66.879 | 29.830 | 22.824 |
| 9/27/2025 19:15 | 2.249 | 2.209 | 2.534 | 3.314 | 2.278 | 4.021 | 65.17 | 66.366 | 67.696 | 66.022 | 66.506 | 66.879 | 29.780 | 20.182 |
| 9/27/2025 19:30 | 2.197 | 2.161 | 2.468 | 3.305 | 2.219 | 4.013 | 65.17 | 66.366 | 67.605 | 66.022 | 66.506 | 66.879 | 29.690 | 24.502 |
| 9/27/2025 19:45 | 2.144 | 2.119 | 2.439 | 3.304 | 2.171 | 4.011 | 65.17 | 66.366 | 67.471 | 65.851 | 66.506 | 66.879 | 29.760 | 20.834 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/27/2025 20:00 | 2.097 | 2.074 | 2.401 | 3.297 | 2.125 | 4.011 | 65.17 | 66.366 | 67.353 | 65.851 | 66.488 | 66.708 | 29.690 | 20.545 |
| 9/27/2025 20:15 | 2.055 | 2.041 | 2.352 | 3.306 | 2.090 | 4.004 | 65.17 | 66.366 | 67.230 | 65.680 | 66.452 | 66.708 | 29.510 | 21.114 |
| 9/27/2025 20:30 | 2.020 | 1.991 | 2.307 | 3.298 | 2.046 | 4.006 | 65.17 | 66.366 | 67.118 | 65.680 | 66.434 | 66.708 | 29.520 | 20.060 |
| 9/27/2025 20:45 | 1.981 | 1.961 | 2.276 | 3.302 | 2.008 | 3.995 | 65.17 | 66.366 | 66.994 | 65.509 | 66.416 | 66.708 | 29.460 | 17.573 |
| 9/27/2025 21:00 | 1.943 | 1.929 | 2.232 | 3.309 | 1.962 | 3.999 | 65.17 | 66.366 | 66.866 | 65.509 | 66.398 | 66.708 | 29.430 | 18.517 |
| 9/27/2025 21:15 | 1.913 | 1.902 | 2.205 | 3.311 | 1.933 | 3.999 | 65.00 | 66.366 | 66.727 | 65.338 | 66.398 | 66.708 | 29.340 | 14.323 |
| 9/27/2025 21:30 | 1.877 | 1.877 | 2.181 | 3.313 | 1.907 | 4.002 | 65.00 | 66.366 | 66.572 | 65.167 | 66.362 | 66.708 | 29.340 | 17.079 |
| 9/27/2025 21:45 | 1.859 | 1.843 | 2.159 | 3.309 | 1.877 | 4.011 | 65.00 | 66.366 | 66.400 | 65.167 | 66.344 | 66.708 | 29.340 | 16.993 |
| 9/27/2025 22:00 | 1.824 | 1.815 | 2.118 | 3.303 | 1.849 | 4.003 | 65.00 | 66.366 | 66.213 | 64.996 | 66.326 | 66.708 | 29.330 | 17.797 |
| 9/27/2025 22:15 | 1.791 | 1.791 | 2.087 | 3.306 | 1.814 | 4.002 | 65.00 | 66.366 | 66.010 | 64.996 | 66.308 | 66.537 | 29.310 | 14.862 |
| 9/27/2025 22:30 | 1.774 | 1.768 | 2.069 | 3.306 | 1.800 | 4.005 | 65.00 | 66.366 | 65.796 | 64.825 | 66.290 | 66.537 | 29.240 | 14.913 |
| 9/27/2025 22:45 | 1.744 | 1.742 | 2.049 | 3.306 | 1.770 | 4.006 | 65.17 | 66.366 | 65.598 | 64.825 | 66.290 | 66.537 | 29.220 | 14.196 |
| 9/27/2025 23:00 | 1.721 | 1.730 | 2.023 | 3.310 | 1.749 | 4.013 | 65.17 | 66.366 | 65.389 | 64.652 | 66.254 | 66.537 | 29.170 | 14.612 |
| 9/27/2025 23:15 | 1.709 | 1.707 | 2.011 | 3.309 | 1.734 | 4.006 | 65.17 | 66.366 | 65.207 | 64.652 | 66.254 | 66.537 | 29.140 | 13.639 |
| 9/27/2025 23:30 | 1.672 | 1.678 | 1.983 | 3.308 | 1.707 | 3.997 | 65.17 | 66.193 | 65.014 | 64.652 | 66.236 | 66.537 | 29.170 | 12.651 |
| 9/27/2025 23:45 | 1.663 | 1.670 | 1.975 | 3.315 | 1.692 | 4.000 | 65.17 | 66.193 | 64.800 | 64.481 | 66.236 | 66.537 | 29.120 | 11.588 |
| 9/28/2025 0:00 | 1.644 | 1.655 | 1.942 | 3.318 | 1.678 | 4.004 | 65.17 | 66.193 | 64.570 | 64.481 | 66.218 | 66.537 | 29.130 | 10.949 |
| 9/28/2025 0:15 | 1.632 | 1.633 | 1.942 | 3.315 | 1.662 | 4.004 | 65.17 | 66.193 | 64.383 | 64.481 | 66.200 | 66.537 | 29.240 | 10.209 |
| 9/28/2025 0:30 | 1.612 | 1.610 | 1.915 | 3.307 | 1.642 | 4.001 | 65.00 | 66.193 | 64.212 | 64.310 | 66.182 | 66.537 | 29.040 | 9.827 |
| 9/28/2025 0:45 | 1.581 | 1.612 | 1.898 | 3.317 | 1.620 | 3.986 | 65.00 | 66.193 | 64.062 | 64.310 | 66.164 | 66.537 | 29.020 | 9.579 |
| 9/28/2025 1:00 | 1.578 | 1.591 | 1.893 | 3.315 | 1.612 | 3.996 | 65.00 | 66.022 | 63.928 | 64.310 | 66.146 | 66.537 | 29.000 | 9.307 |
| 9/28/2025 1:15 | 1.561 | 1.577 | 1.880 | 3.312 | 1.592 | 3.994 | 65.00 | 66.022 | 63.810 | 64.139 | 66.146 | 66.537 | 29.030 | 8.319 |
| 9/28/2025 1:30 | 1.539 | 1.566 | 1.852 | 3.309 | 1.582 | 3.988 | 65.00 | 66.022 | 63.660 | 64.139 | 66.128 | 66.537 | 28.990 | 9.181 |
| 9/28/2025 1:45 | 1.528 | 1.550 | 1.844 | 3.316 | 1.569 | 3.989 | 65.00 | 66.022 | 63.500 | 64.139 | 66.110 | 66.537 | 28.980 | 8.495 |
| 9/28/2025 2:00 | 1.519 | 1.542 | 1.841 | 3.316 | 1.555 | 3.995 | 65.00 | 66.022 | 63.280 | 64.139 | 66.092 | 66.537 | 28.950 | 7.131 |
| 9/28/2025 2:15 | 1.503 | 1.535 | 1.826 | 3.312 | 1.547 | 4.003 | 65.00 | 66.022 | 63.093 | 63.968 | 66.074 | 66.537 | 28.920 | 8.224 |
| 9/28/2025 2:30 | 1.492 | 1.558 | 1.811 | 3.316 | 1.530 | 3.996 | 65.00 | 65.851 | 62.916 | 63.968 | 66.056 | 66.537 | 28.860 | 6.622 |
| 9/28/2025 2:45 | 1.544 | 1.585 | 1.840 | 3.320 | 1.576 | 3.997 | 65.00 | 65.851 | 62.879 | 63.968 | 66.056 | 66.537 | 28.890 | 7.925 |
| 9/28/2025 3:00 | 1.575 | 1.639 | 1.871 | 3.316 | 1.604 | 3.997 | 65.00 | 65.851 | 62.841 | 63.797 | 66.020 | 66.537 | 28.850 | 8.184 |
| 9/28/2025 3:15 | 1.623 | 1.709 | 1.914 | 3.320 | 1.660 | 3.998 | 65.00 | 65.851 | 62.889 | 63.797 | 66.002 | 66.537 | 28.850 | 10.667 |
| 9/28/2025 3:30 | 1.706 | 1.807 | 1.993 | 3.322 | 1.739 | 3.999 | 64.83 | 65.851 | 62.959 | 63.797 | 65.984 | 66.537 | 28.860 | 18.277 |
| 9/28/2025 3:45 | 1.795 | 1.894 | 2.097 | 3.315 | 1.827 | 3.997 | 64.83 | 65.680 | 62.938 | 63.797 | 65.966 | 66.537 | 28.820 | 20.155 |
| 9/28/2025 4:00 | 1.894 | 1.983 | 2.171 | 3.312 | 1.922 | 4.001 | 64.83 | 65.680 | 62.193 | 63.797 | 65.912 | 66.537 | 28.800 | 9.148 |
| 9/28/2025 4:15 | 1.974 | 2.046 | 2.250 | 3.316 | 2.006 | 3.990 | 64.83 | 65.680 | 62.418 | 63.626 | 65.750 | 66.537 | 28.650 | 9.217 |
| 9/28/2025 4:30 | 2.042 | 2.100 | 2.323 | 3.316 | 2.078 | 4.002 | 64.83 | 65.680 | 62.584 | 63.626 | 65.264 | 66.537 | 29.000 | 9.563 |
| 9/28/2025 4:45 | 2.105 | 2.123 | 2.374 | 3.321 | 2.123 | 3.995 | 64.83 | 65.509 | 62.836 | 63.626 | 64.994 | 66.537 | 29.500 | 11.690 |
| 9/28/2025 5:00 | 2.097 | 2.094 | 2.401 | 3.322 | 2.126 | 3.996 | 64.65 | 65.509 | 62.927 | 63.626 | 64.958 | 66.537 | 29.600 | 15.031 |
| 9/28/2025 5:15 | 2.083 | 2.056 | 2.362 | 3.318 | 2.108 | 4.001 | 64.48 | 65.509 | 62.922 | 63.455 | 65.030 | 66.537 | 29.510 | 17.192 |
| 9/28/2025 5:30 | 2.051 | 2.015 | 2.330 | 3.304 | 2.068 | 4.002 | 64.48 | 65.509 | 62.954 | 63.455 | 65.048 | 66.537 | 29.580 | 19.718 |
| 9/28/2025 5:45 | 2.001 | 1.984 | 2.290 | 3.312 | 2.023 | 3.988 | 64.31 | 65.338 | 62.948 | 63.455 | 65.048 | 66.537 | 29.630 | 20.058 |
| 9/28/2025 6:00 | 1.960 | 1.943 | 2.249 | 3.317 | 1.998 | 3.999 | 64.14 | 65.338 | 62.916 | 63.455 | 65.030 | 66.537 | 29.530 | 19.001 |
| 9/28/2025 6:15 | 1.926 | 1.906 | 2.220 | 3.318 | 1.952 | 3.996 | 64.14 | 65.338 | 62.889 | 63.282 | 65.012 | 66.537 | 29.510 | 17.721 |
| 9/28/2025 6:30 | 1.889 | 1.879 | 2.181 | 3.314 | 1.920 | 3.998 | 64.14 | 65.338 | 62.889 | 63.282 | 65.012 | 66.537 | 29.430 | 15.910 |
| 9/28/2025 6:45 | 1.857 | 1.841 | 2.149 | 3.310 | 1.882 | 3.998 | 64.14 | 65.338 | 62.900 | 63.282 | 64.976 | 66.537 | 29.430 | 14.854 |
| 9/28/2025 7:00 | 1.818 | 1.814 | 2.122 | 3.310 | 1.853 | 3.986 | 64.14 | 65.167 | 62.900 | 63.282 | 64.976 | 66.537 | 29.410 | 13.599 |
| 9/28/2025 7:15 | 1.794 | 1.783 | 2.090 | 3.307 | 1.813 | 3.986 | 64.14 | 65.167 | 62.895 | 63.282 | 64.976 | 66.537 | 29.470 | 12.590 |
| 9/28/2025 7:30 | 1.767 | 1.758 | 2.058 | 3.307 | 1.796 | 3.994 | 64.14 | 65.167 | 62.868 | 63.111 | 64.976 | 66.537 | 29.320 | 11.482 |
| 9/28/2025 7:45 | 1.744 | 1.729 | 2.038 | 3.305 | 1.771 | 3.999 | 64.14 | 65.167 | 62.825 | 63.111 | 64.976 | 66.537 | 29.320 | 9.533 |
| 9/28/2025 8:00 | 1.714 | 1.714 | 2.011 | 3.313 | 1.745 | 3.993 | 64.14 | 65.167 | 62.761 | 63.111 | 64.994 | 66.537 | 29.270 | 9.670 |
| 9/28/2025 8:15 | 1.691 | 1.691 | 1.990 | 3.313 | 1.722 | 3.990 | 64.14 | 65.167 | 62.691 | 63.111 | 65.012 | 66.537 | 29.260 | 9.060 |
| 9/28/2025 8:30 | 1.667 | 1.668 | 1.969 | 3.302 | 1.705 | 4.001 | 64.14 | 64.996 | 62.595 | 63.111 | 65.048 | 66.537 | 29.230 | 8.535 |
| 9/28/2025 8:45 | 1.640 | 1.647 | 1.945 | 3.297 | 1.670 | 3.994 | 64.14 | 64.996 | 62.531 | 63.111 | 65.084 | 66.537 | 29.220 | 8.174 |
| 9/28/2025 9:00 | 1.615 | 1.628 | 1.922 | 3.293 | 1.639 | 3.985 | 64.14 | 64.996 | 62.483 | 63.111 | 65.120 | 66.537 | 29.220 | 7.769 |
| 9/28/2025 9:15 | 1.601 | 1.611 | 1.897 | 3.295 | 1.626 | 3.985 | 64.14 | 64.996 | 62.472 | 63.111 | 65.156 | 66.537 | 29.200 | 7.471 |
| 9/28/2025 9:30 | 1.566 | 1.589 | 1.881 | 3.296 | 1.608 | 3.986 | 64.14 | 64.996 | 62.488 | 63.111 | 65.192 | 66.537 | 29.240 | 7.229 |
| 9/28/2025 9:45 | 1.564 | 1.569 | 1.874 | 3.287 | 1.592 | 3.991 | 64.14 | 64.996 | 62.515 | 63.111 | 65.192 | 66.537 | 29.190 | 7.030 |
| 9/28/2025 10:00 | 1.539 | 1.564 | 1.848 | 3.290 | 1.569 | 3.986 | 64.14 | 64.996 | 62.579 | 63.111 | 65.210 | 66.537 | 29.140 | 6.909 |
| 9/28/2025 10:15 | 1.522 | 1.536 | 1.836 | 3.290 | 1.557 | 3.989 | 64.31 | 64.996 | 62.713 | 63.282 | 65.210 | 66.537 | 29.160 | 6.793 |
| 9/28/2025 10:30 | 1.502 | 1.538 | 1.812 | 3.296 | 1.530 | 3.981 | 64.31 | 64.996 | 62.948 | 63.282 | 65.228 | 66.537 | 29.120 | 6.719 |
| 9/28/2025 10:45 | 1.500 | 1.526 | 1.817 | 3.299 | 1.528 | 3.995 | 64.48 | 65.167 | 63.291 | 63.282 | 65.246 | 66.537 | 29.080 | 6.664 |
| 9/28/2025 11:00 | 1.480 | 1.502 | 1.806 | 3.298 | 1.524 | 3.990 | 64.48 | 65.167 | 63.730 | 63.455 | 65.264 | 66.537 | 29.060 | 6.608 |
| 9/28/2025 11:15 | 1.470 | 1.489 | 1.795 | 3.292 | 1.502 | 3.988 | 64.48 | 65.338 | 64.292 | 63.455 | 65.300 | 66.537 | 29.050 | 6.556 |
| 9/28/2025 11:30 | 1.446 | 1.476 | 1.780 | 3.284 | 1.489 | 3.979 | 64.65 | 65.338 | 64.875 | 63.626 | 65.354 | 66.537 | 29.030 | 6.496 |
| 9/28/2025 11:45 | 1.429 | 1.456 | 1.757 | 3.279 | 1.473 | 3.974 | 64.83 | 65.509 | 65.442 | 63.797 | 65.462 | 66.537 | 28.960 | 6.489 |
| 9/28/2025 12:00 | 1.416 | 1.450 | 1.745 | 3.269 | 1.457 | 3.977 | 65.00 | 65.680 | 66.026 | 63.968 | 65.660 | 66.708 | 29.040 | 6.476 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/28/2025 12:15 | 1.402 | 1.444 | 1.732 | 3.275 | 1.437 | 3.971 | 65.00 | 65.851 | 66.614 | 64.139 | 65.894 | 66.708 | 29.010 | 6.460 |
| 9/28/2025 12:30 | 1.396 | 1.438 | 1.732 | 3.281 | 1.447 | 3.973 | 65.17 | 66.022 | 67.214 | 64.310 | 66.128 | 66.708 | 29.010 | 6.432 |
| 9/28/2025 12:45 | 1.386 | 1.424 | 1.735 | 3.278 | 1.428 | 3.985 | 65.34 | 66.193 | 67.819 | 64.652 | 66.362 | 66.708 | 28.950 | 6.392 |
| 9/28/2025 13:00 | 1.382 | 1.424 | 1.717 | 3.279 | 1.422 | 3.974 | 65.34 | 66.366 | 68.424 | 64.825 | 66.614 | 66.708 | 28.970 | 6.360 |
| 9/28/2025 13:15 | 1.374 | 1.411 | 1.715 | 3.278 | 1.421 | 3.979 | 65.51 | 66.537 | 69.008 | 65.167 | 66.884 | 66.879 | 28.910 | 6.338 |
| 9/28/2025 13:30 | 1.361 | 1.424 | 1.705 | 3.292 | 1.405 | 3.981 | 65.68 | 66.708 | 69.480 | 65.509 | 67.172 | 66.879 | 28.940 | 6.327 |
| 9/28/2025 13:45 | 1.374 | 1.421 | 1.718 | 3.278 | 1.423 | 3.994 | 65.85 | 66.879 | 69.840 | 65.851 | 67.424 | 66.879 | 28.930 | 6.310 |
| 9/28/2025 14:00 | 1.397 | 1.461 | 1.720 | 3.281 | 1.446 | 3.975 | 65.85 | 67.050 | 70.012 | 66.193 | 67.712 | 66.879 | 28.970 | 6.318 |
| 9/28/2025 14:15 | 1.460 | 1.529 | 1.752 | 3.273 | 1.495 | 3.977 | 66.19 | 67.221 | 70.087 | 66.537 | 67.982 | 66.879 | 29.100 | 6.401 |
| 9/28/2025 14:30 | 1.558 | 1.655 | 1.823 | 3.269 | 1.580 | 3.979 | 66.54 | 67.392 | 69.990 | 66.708 | 68.180 | 66.879 | 28.940 | 6.473 |
| 9/28/2025 14:45 | 1.693 | 1.813 | 1.949 | 3.267 | 1.722 | 3.968 | 66.88 | 67.564 | 69.926 | 67.050 | 68.360 | 67.050 | 28.740 | 6.595 |
| 9/28/2025 15:00 | 1.884 | 2.037 | 2.122 | 3.273 | 1.887 | 3.968 | 67.22 | 67.564 | 70.403 | 67.392 | 68.504 | 67.050 | 28.650 | 6.487 |
| 9/28/2025 15:15 | 2.127 | 2.311 | 2.328 | 3.271 | 2.117 | 3.966 | 67.22 | 67.735 | 70.377 | 67.564 | 69.188 | 67.050 | 28.270 | 5.835 |
| 9/28/2025 15:30 | 2.379 | 2.567 | 2.598 | 3.278 | 2.384 | 3.960 | 67.74 | 67.735 | 68.590 | 67.735 | 69.386 | 67.050 | 28.650 | 8.596 |
| 9/28/2025 15:45 | 2.617 | 2.812 | 2.848 | 3.272 | 2.631 | 3.962 | 67.56 | 68.248 | 69.030 | 67.906 | 68.774 | 67.050 | 30.260 | 9.308 |
| 9/28/2025 16:00 | 2.862 | 3.017 | 3.089 | 3.266 | 2.868 | 3.961 | 67.05 | 68.421 | 69.926 | 68.077 | 67.946 | 67.221 | 30.850 | 10.565 |
| 9/28/2025 16:15 | 3.075 | 3.161 | 3.294 | 3.350 | 3.078 | 3.965 | 66.71 | 68.421 | 70.452 | 68.248 | 67.388 | 67.221 | 31.280 | 12.128 |
| 9/28/2025 16:30 | 3.159 | 3.233 | 3.432 | 3.465 | 3.221 | 3.967 | 66.37 | 68.592 | 70.774 | 68.421 | 66.956 | 67.221 | 31.350 | 13.582 |
| 9/28/2025 16:45 | 3.180 | 3.167 | 3.508 | 3.442 | 3.222 | 3.965 | 66.37 | 68.421 | 70.882 | 68.421 | 66.722 | 67.221 | 31.450 | 16.211 |
| 9/28/2025 17:00 | 3.139 | 3.041 | 3.431 | 3.389 | 3.170 | 3.972 | 66.19 | 68.421 | 70.683 | 68.592 | 66.704 | 67.221 | 31.430 | 17.696 |
| 9/28/2025 17:15 | 3.018 | 2.924 | 3.302 | 3.341 | 3.047 | 3.976 | 66.19 | 68.248 | 70.747 | 68.592 | 66.722 | 67.221 | 31.350 | 22.792 |
| 9/28/2025 17:30 | 2.894 | 2.787 | 3.194 | 3.304 | 2.924 | 3.975 | 66.19 | 68.248 | 70.597 | 68.592 | 66.704 | 67.221 | 31.470 | 22.669 |
| 9/28/2025 17:45 | 2.769 | 2.667 | 3.053 | 3.297 | 2.796 | 3.969 | 66.02 | 68.077 | 70.371 | 68.592 | 66.704 | 67.221 | 31.200 | 23.305 |
| 9/28/2025 18:00 | 2.654 | 2.578 | 2.930 | 3.291 | 2.684 | 3.972 | 65.85 | 68.077 | 70.146 | 68.592 | 66.704 | 67.221 | 31.260 | 23.369 |
| 9/28/2025 18:15 | 2.556 | 2.493 | 2.846 | 3.280 | 2.591 | 3.974 | 65.68 | 68.077 | 70.028 | 68.592 | 66.704 | 67.221 | 31.250 | 23.333 |
| 9/28/2025 18:30 | 2.470 | 2.414 | 2.749 | 3.288 | 2.496 | 3.970 | 65.68 | 68.077 | 70.205 | 68.421 | 66.722 | 67.221 | 31.130 | 19.033 |
| 9/28/2025 18:45 | 2.411 | 2.336 | 2.684 | 3.271 | 2.430 | 3.986 | 65.51 | 68.077 | 70.146 | 68.421 | 66.722 | 67.221 | 31.040 | 23.890 |
| 9/28/2025 19:00 | 2.324 | 2.270 | 2.598 | 3.278 | 2.357 | 3.969 | 65.68 | 68.077 | 70.103 | 68.248 | 66.704 | 67.221 | 31.070 | 23.356 |
| 9/28/2025 19:15 | 2.264 | 2.226 | 2.549 | 3.289 | 2.289 | 3.976 | 65.68 | 68.077 | 69.947 | 68.248 | 66.704 | 67.221 | 30.850 | 23.326 |
| 9/28/2025 19:30 | 2.211 | 2.171 | 2.500 | 3.287 | 2.244 | 3.982 | 65.51 | 68.077 | 69.883 | 68.077 | 66.704 | 67.221 | 31.050 | 19.142 |
| 9/28/2025 19:45 | 2.163 | 2.122 | 2.446 | 3.279 | 2.195 | 3.983 | 65.51 | 68.077 | 69.802 | 67.906 | 66.722 | 67.050 | 30.800 | 19.030 |
| 9/28/2025 20:00 | 2.108 | 2.075 | 2.396 | 3.270 | 2.134 | 3.968 | 65.51 | 68.077 | 69.754 | 67.906 | 66.722 | 67.050 | 30.870 | 18.222 |
| 9/28/2025 20:15 | 2.057 | 2.027 | 2.352 | 3.279 | 2.088 | 3.967 | 65.51 | 68.077 | 69.716 | 67.735 | 66.722 | 67.050 | 30.770 | 17.568 |
| 9/28/2025 20:30 | 2.015 | 1.995 | 2.316 | 3.285 | 2.047 | 3.964 | 65.51 | 68.077 | 69.636 | 67.564 | 66.722 | 67.050 | 30.690 | 20.864 |
| 9/28/2025 20:45 | 1.982 | 1.956 | 2.266 | 3.280 | 2.011 | 3.963 | 65.51 | 68.077 | 69.475 | 67.392 | 66.740 | 67.050 | 30.790 | 17.709 |
| 9/28/2025 21:00 | 1.934 | 1.915 | 2.239 | 3.277 | 1.965 | 3.958 | 65.51 | 68.077 | 69.293 | 67.392 | 66.758 | 67.050 | 30.690 | 20.321 |
| 9/28/2025 21:15 | 1.896 | 1.883 | 2.201 | 3.284 | 1.928 | 3.962 | 65.51 | 68.077 | 69.121 | 67.221 | 66.758 | 67.050 | 30.650 | 17.141 |
| 9/28/2025 21:30 | 1.872 | 1.846 | 2.170 | 3.284 | 1.896 | 3.965 | 65.51 | 68.077 | 68.928 | 67.050 | 66.740 | 66.879 | 30.570 | 17.187 |
| 9/28/2025 21:45 | 1.833 | 1.817 | 2.143 | 3.282 | 1.867 | 3.954 | 65.51 | 67.906 | 68.730 | 66.879 | 66.740 | 66.879 | 30.590 | 16.262 |
| 9/28/2025 22:00 | 1.805 | 1.797 | 2.108 | 3.293 | 1.833 | 3.945 | 65.51 | 67.906 | 68.531 | 66.708 | 66.758 | 66.879 | 30.590 | 16.011 |
| 9/28/2025 22:15 | 1.781 | 1.768 | 2.089 | 3.283 | 1.810 | 3.959 | 65.51 | 67.906 | 68.306 | 66.708 | 66.758 | 66.879 | 30.700 | 15.634 |
| 9/28/2025 22:30 | 1.755 | 1.745 | 2.063 | 3.281 | 1.786 | 3.950 | 65.51 | 67.906 | 68.044 | 66.537 | 66.776 | 66.879 | 30.480 | 14.773 |
| 9/28/2025 22:45 | 1.727 | 1.712 | 2.031 | 3.287 | 1.767 | 3.953 | 65.51 | 67.906 | 67.755 | 66.366 | 66.776 | 66.879 | 30.460 | 15.395 |
| 9/28/2025 23:00 | 1.698 | 1.707 | 2.004 | 3.296 | 1.739 | 3.960 | 65.51 | 67.906 | 67.417 | 66.193 | 66.794 | 66.708 | 30.420 | 13.074 |
| 9/28/2025 23:15 | 1.692 | 1.677 | 1.999 | 3.296 | 1.724 | 3.966 | 65.51 | 67.906 | 67.085 | 66.022 | 66.794 | 66.708 | 30.570 | 10.756 |
| 9/28/2025 23:30 | 1.665 | 1.654 | 1.971 | 3.296 | 1.694 | 3.956 | 65.34 | 67.906 | 66.775 | 66.022 | 66.794 | 66.708 | 30.330 | 12.402 |
| 9/28/2025 23:45 | 1.645 | 1.637 | 1.956 | 3.291 | 1.669 | 3.951 | 65.34 | 67.906 | 66.459 | 65.851 | 66.794 | 66.708 | 30.360 | 9.228 |
| 9/29/2025 0:00 | 1.616 | 1.625 | 1.928 | 3.301 | 1.646 | 3.954 | 65.34 | 67.906 | 66.095 | 65.680 | 66.794 | 66.708 | 30.450 | 8.638 |
| 9/29/2025 0:15 | 1.612 | 1.608 | 1.917 | 3.295 | 1.640 | 3.960 | 65.34 | 67.906 | 65.785 | 65.509 | 66.794 | 66.708 | 30.450 | 7.901 |
| 9/29/2025 0:30 | 1.583 | 1.599 | 1.892 | 3.298 | 1.613 | 3.954 | 65.34 | 67.735 | 65.507 | 65.509 | 66.794 | 66.537 | 30.280 | 7.959 |
| 9/29/2025 0:45 | 1.570 | 1.577 | 1.888 | 3.299 | 1.607 | 3.957 | 65.34 | 67.735 | 65.250 | 65.338 | 66.794 | 66.537 | 30.230 | 7.497 |
| 9/29/2025 1:00 | 1.556 | 1.562 | 1.865 | 3.298 | 1.586 | 3.950 | 65.34 | 67.735 | 65.004 | 65.167 | 66.794 | 66.537 | 30.390 | 6.470 |
| 9/29/2025 1:15 | 1.536 | 1.556 | 1.857 | 3.299 | 1.576 | 3.950 | 65.34 | 67.735 | 64.774 | 64.996 | 66.794 | 66.537 | 30.120 | 7.017 |
| 9/29/2025 1:30 | 1.526 | 1.539 | 1.844 | 3.305 | 1.561 | 3.955 | 65.34 | 67.735 | 64.560 | 64.996 | 66.794 | 66.537 | 30.170 | 5.477 |
| 9/29/2025 1:45 | 1.516 | 1.534 | 1.838 | 3.311 | 1.538 | 3.959 | 65.34 | 67.735 | 64.340 | 64.825 | 66.794 | 66.366 | 30.210 | 5.549 |
| 9/29/2025 2:00 | 1.504 | 1.515 | 1.824 | 3.310 | 1.535 | 3.969 | 65.34 | 67.735 | 64.067 | 64.652 | 66.794 | 66.366 | 30.150 | 5.341 |
| 9/29/2025 2:15 | 1.488 | 1.508 | 1.806 | 3.304 | 1.524 | 3.965 | 65.34 | 67.564 | 63.746 | 64.652 | 66.776 | 66.366 | 30.330 | 5.347 |
| 9/29/2025 2:30 | 1.474 | 1.496 | 1.808 | 3.303 | 1.515 | 3.963 | 65.34 | 67.564 | 63.457 | 64.481 | 66.776 | 66.366 | 30.130 | 5.128 |
| 9/29/2025 2:45 | 1.470 | 1.493 | 1.789 | 3.303 | 1.500 | 3.965 | 65.34 | 67.564 | 63.130 | 64.310 | 66.758 | 66.193 | 30.080 | 4.738 |
| 9/29/2025 3:00 | 1.459 | 1.477 | 1.786 | 3.305 | 1.493 | 3.970 | 65.34 | 67.564 | 62.772 | 64.139 | 66.758 | 66.193 | 30.070 | 5.054 |
| 9/29/2025 3:15 | 1.446 | 1.464 | 1.774 | 3.304 | 1.480 | 3.958 | 65.34 | 67.564 | 62.359 | 64.139 | 66.740 | 66.193 | 30.040 | 5.067 |
| 9/29/2025 3:30 | 1.425 | 1.457 | 1.768 | 3.301 | 1.467 | 3.964 | 65.17 | 67.564 | 62.006 | 63.968 | 66.740 | 66.022 | 30.010 | 5.289 |
| 9/29/2025 3:45 | 1.414 | 1.452 | 1.751 | 3.295 | 1.458 | 3.953 | 65.17 | 67.392 | 61.690 | 63.797 | 66.722 | 66.022 | 29.990 | 5.472 |
| 9/29/2025 4:00 | 1.421 | 1.454 | 1.742 | 3.305 | 1.458 | 3.952 | 65.17 | 67.392 | 61.459 | 63.797 | 66.704 | 66.022 | 29.950 | 5.684 |
| 9/29/2025 4:15 | 1.427 | 1.473 | 1.745 | 3.311 | 1.464 | 3.954 | 65.17 | 67.392 | 61.304 | 63.626 | 66.704 | 66.022 | 29.920 | 5.525 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/29/2025 4:30 | 1.442 | 1.496 | 1.768 | 3.303 | 1.485 | 3.964 | 65.17 | 67.392 | 61.169 | 63.455 | 66.704 | 66.022 | 29.960 | 5.428 |
| 9/29/2025 4:45 | 1.485 | 1.519 | 1.784 | 3.311 | 1.514 | 3.956 | 65.17 | 67.221 | 61.100 | 63.455 | 66.686 | 65.851 | 29.920 | 5.476 |
| 9/29/2025 5:00 | 1.502 | 1.546 | 1.797 | 3.307 | 1.531 | 3.960 | 65.17 | 67.221 | 60.950 | 63.282 | 66.686 | 65.851 | 29.910 | 6.234 |
| 9/29/2025 5:15 | 1.534 | 1.563 | 1.839 | 3.312 | 1.561 | 3.964 | 65.17 | 67.221 | 60.858 | 63.111 | 66.686 | 65.851 | 29.980 | 6.462 |
| 9/29/2025 5:30 | 1.528 | 1.553 | 1.842 | 3.310 | 1.573 | 3.962 | 65.17 | 67.050 | 60.697 | 63.111 | 66.668 | 65.851 | 29.880 | 7.611 |
| 9/29/2025 5:45 | 1.519 | 1.544 | 1.838 | 3.308 | 1.564 | 3.960 | 65.17 | 67.050 | 60.451 | 62.940 | 66.650 | 65.851 | 29.900 | 7.157 |
| 9/29/2025 6:00 | 1.517 | 1.538 | 1.832 | 3.305 | 1.567 | 3.961 | 65.17 | 67.050 | 60.209 | 62.769 | 66.632 | 65.851 | 29.840 | 6.839 |
| 9/29/2025 6:15 | 1.507 | 1.522 | 1.828 | 3.305 | 1.544 | 3.956 | 65.17 | 66.879 | 60.010 | 62.769 | 66.614 | 65.851 | 29.890 | 5.404 |
| 9/29/2025 6:30 | 1.492 | 1.517 | 1.808 | 3.311 | 1.533 | 3.959 | 65.17 | 66.879 | 59.817 | 62.598 | 66.596 | 65.851 | 29.840 | 5.457 |
| 9/29/2025 6:45 | 1.479 | 1.502 | 1.810 | 3.300 | 1.519 | 3.965 | 65.17 | 66.879 | 59.677 | 62.598 | 66.560 | 65.851 | 29.840 | 5.368 |
| 9/29/2025 7:00 | 1.467 | 1.503 | 1.792 | 3.312 | 1.507 | 3.973 | 65.00 | 66.879 | 59.538 | 62.425 | 66.542 | 65.851 | 29.800 | 5.116 |
| 9/29/2025 7:15 | 1.455 | 1.483 | 1.789 | 3.308 | 1.499 | 3.977 | 65.00 | 66.708 | 59.408 | 62.425 | 66.524 | 65.851 | 29.780 | 4.900 |
| 9/29/2025 7:30 | 1.440 | 1.463 | 1.764 | 3.298 | 1.475 | 3.969 | 65.00 | 66.708 | 59.296 | 62.254 | 66.506 | 65.851 | 29.760 | 4.904 |
| 9/29/2025 7:45 | 1.416 | 1.441 | 1.750 | 3.285 | 1.458 | 3.957 | 65.00 | 66.537 | 59.177 | 62.254 | 66.488 | 65.851 | 29.750 | 4.878 |
| 9/29/2025 8:00 | 1.394 | 1.434 | 1.725 | 3.288 | 1.433 | 3.939 | 65.00 | 66.537 | 59.097 | 62.083 | 66.488 | 65.851 | 29.710 | 4.903 |
| 9/29/2025 8:15 | 1.379 | 1.425 | 1.713 | 3.275 | 1.413 | 3.947 | 65.00 | 66.537 | 59.037 | 62.083 | 66.470 | 65.851 | 29.640 | 4.762 |
| 9/29/2025 8:30 | 1.374 | 1.409 | 1.703 | 3.276 | 1.403 | 3.949 | 65.00 | 66.366 | 59.027 | 62.083 | 66.452 | 65.851 | 29.700 | 4.726 |
| 9/29/2025 8:45 | 1.358 | 1.404 | 1.704 | 3.273 | 1.392 | 3.946 | 65.00 | 66.366 | 59.054 | 61.912 | 66.434 | 65.851 | 29.670 | 6.074 |
| 9/29/2025 9:00 | 1.353 | 1.402 | 1.691 | 3.275 | 1.389 | 3.939 | 65.17 | 66.366 | 59.129 | 61.912 | 66.416 | 66.022 | 29.640 | 5.661 |
| 9/29/2025 9:15 | 1.340 | 1.393 | 1.695 | 3.270 | 1.380 | 3.952 | 65.17 | 66.193 | 59.296 | 61.912 | 66.398 | 66.022 | 29.600 | 5.641 |
| 9/29/2025 9:30 | 1.327 | 1.387 | 1.679 | 3.279 | 1.366 | 3.939 | 65.34 | 66.193 | 59.618 | 61.912 | 66.362 | 66.022 | 29.570 | 5.617 |
| 9/29/2025 9:45 | 1.325 | 1.387 | 1.677 | 3.282 | 1.365 | 3.949 | 65.34 | 66.193 | 60.000 | 61.741 | 66.344 | 66.193 | 29.550 | 5.632 |
| 9/29/2025 10:00 | 1.325 | 1.392 | 1.683 | 3.285 | 1.366 | 3.949 | 65.51 | 66.022 | 60.418 | 61.741 | 66.326 | 66.193 | 29.530 | 5.631 |
| 9/29/2025 10:15 | 1.324 | 1.386 | 1.684 | 3.287 | 1.360 | 3.952 | 65.51 | 66.022 | 60.858 | 61.741 | 66.344 | 66.193 | 29.500 | 5.629 |
| 9/29/2025 10:30 | 1.310 | 1.393 | 1.682 | 3.285 | 1.356 | 3.957 | 65.51 | 66.022 | 61.330 | 61.741 | 66.362 | 66.193 | 29.460 | 5.627 |
| 9/29/2025 10:45 | 1.317 | 1.384 | 1.687 | 3.288 | 1.351 | 3.959 | 65.68 | 65.851 | 61.823 | 61.741 | 66.398 | 66.193 | 29.410 | 5.624 |
| 9/29/2025 11:00 | 1.305 | 1.374 | 1.679 | 3.279 | 1.345 | 3.958 | 65.85 | 65.851 | 62.333 | 61.912 | 66.470 | 66.193 | 29.380 | 5.618 |
| 9/29/2025 11:15 | 1.291 | 1.377 | 1.677 | 3.278 | 1.341 | 3.954 | 65.85 | 66.022 | 62.809 | 61.912 | 66.560 | 66.366 | 29.370 | 5.616 |
| 9/29/2025 11:30 | 1.291 | 1.361 | 1.673 | 3.270 | 1.333 | 3.957 | 66.19 | 66.022 | 63.291 | 62.083 | 66.686 | 66.366 | 29.300 | 5.609 |
| 9/29/2025 11:45 | 1.279 | 1.356 | 1.676 | 3.273 | 1.317 | 3.945 | 66.19 | 66.193 | 63.762 | 62.254 | 66.794 | 66.366 | 29.280 | 5.607 |
| 9/29/2025 12:00 | 1.270 | 1.354 | 1.665 | 3.272 | 1.313 | 3.947 | 66.37 | 66.193 | 64.206 | 62.425 | 66.920 | 66.366 | 29.190 | 5.602 |
| 9/29/2025 12:15 | 1.257 | 1.355 | 1.657 | 3.273 | 1.304 | 3.946 | 66.54 | 66.366 | 64.629 | 62.598 | 67.064 | 66.537 | 29.090 | 5.598 |
| 9/29/2025 12:30 | 1.261 | 1.356 | 1.659 | 3.278 | 1.312 | 3.954 | 66.54 | 66.537 | 65.025 | 62.769 | 67.244 | 66.537 | 29.010 | 5.597 |
| 9/29/2025 12:45 | 1.250 | 1.351 | 1.655 | 3.281 | 1.304 | 3.951 | 66.71 | 66.708 | 65.410 | 62.940 | 67.460 | 66.537 | 28.940 | 5.597 |
| 9/29/2025 13:00 | 1.245 | 1.345 | 1.659 | 3.276 | 1.289 | 3.957 | 67.05 | 66.879 | 65.705 | 63.282 | 67.694 | 66.537 | 28.930 | 5.594 |
| 9/29/2025 13:15 | 1.235 | 1.342 | 1.654 | 3.269 | 1.281 | 3.951 | 67.05 | 66.879 | 65.988 | 63.455 | 67.910 | 66.537 | 28.890 | 5.594 |
| 9/29/2025 13:30 | 1.239 | 1.344 | 1.658 | 3.272 | 1.290 | 3.952 | 67.22 | 67.050 | 66.309 | 63.797 | 68.162 | 66.708 | 28.880 | 5.609 |
| 9/29/2025 13:45 | 1.230 | 1.334 | 1.663 | 3.270 | 1.272 | 3.958 | 67.56 | 67.221 | 66.636 | 64.139 | 68.378 | 66.708 | 28.820 | 5.616 |
| 9/29/2025 14:00 | 1.228 | 1.339 | 1.660 | 3.257 | 1.272 | 3.959 | 67.74 | 67.392 | 66.882 | 64.481 | 68.594 | 66.708 | 28.750 | 5.618 |
| 9/29/2025 14:15 | 1.217 | 1.341 | 1.654 | 3.261 | 1.263 | 3.954 | 67.74 | 67.392 | 67.080 | 64.825 | 68.810 | 66.879 | 28.670 | 5.622 |
| 9/29/2025 14:30 | 1.219 | 1.346 | 1.651 | 3.259 | 1.270 | 3.960 | 67.91 | 67.564 | 67.198 | 65.167 | 69.008 | 66.879 | 28.640 | 5.617 |
| 9/29/2025 14:45 | 1.204 | 1.341 | 1.641 | 3.262 | 1.257 | 3.946 | 68.08 | 67.735 | 67.251 | 65.509 | 69.134 | 66.879 | 28.550 | 5.617 |
| 9/29/2025 15:00 | 1.245 | 1.343 | 1.659 | 3.257 | 1.281 | 3.948 | 68.08 | 67.906 | 67.342 | 65.851 | 69.260 | 66.879 | 28.490 | 5.624 |
| 9/29/2025 15:15 | 1.284 | 1.354 | 1.646 | 3.265 | 1.309 | 3.943 | 68.25 | 67.906 | 67.348 | 66.022 | 69.368 | 67.050 | 28.430 | 5.617 |
| 9/29/2025 15:30 | 1.354 | 1.409 | 1.663 | 3.261 | 1.384 | 3.947 | 68.25 | 67.906 | 67.369 | 66.366 | 69.494 | 67.050 | 28.370 | 5.628 |
| 9/29/2025 15:45 | 1.443 | 1.500 | 1.700 | 3.259 | 1.456 | 3.938 | 68.42 | 68.077 | 67.305 | 66.537 | 69.584 | 67.050 | 28.350 | 5.642 |
| 9/29/2025 16:00 | 1.555 | 1.641 | 1.792 | 3.255 | 1.563 | 3.947 | 68.25 | 68.077 | 67.134 | 66.708 | 69.638 | 67.050 | 28.270 | 5.767 |
| 9/29/2025 16:15 | 1.696 | 1.810 | 1.934 | 3.259 | 1.701 | 3.928 | 68.25 | 68.077 | 67.048 | 66.708 | 69.728 | 67.050 | 28.220 | 5.834 |
| 9/29/2025 16:30 | 1.853 | 1.983 | 2.108 | 3.260 | 1.864 | 3.935 | 67.91 | 68.077 | 66.994 | 66.879 | 69.638 | 67.050 | 28.080 | 5.817 |
| 9/29/2025 16:45 | 2.042 | 2.170 | 2.279 | 3.254 | 2.039 | 3.941 | 67.74 | 68.077 | 67.182 | 66.879 | 69.224 | 67.221 | 28.040 | 5.643 |
| 9/29/2025 17:00 | 2.212 | 2.357 | 2.447 | 3.265 | 2.215 | 3.928 | 67.22 | 68.248 | 66.930 | 67.050 | 68.504 | 67.221 | 29.100 | 5.693 |
| 9/29/2025 17:15 | 2.394 | 2.499 | 2.638 | 3.253 | 2.388 | 3.945 | 66.71 | 68.421 | 66.877 | 67.050 | 67.820 | 67.050 | 30.100 | 8.584 |
| 9/29/2025 17:30 | 2.515 | 2.573 | 2.784 | 3.262 | 2.525 | 3.933 | 66.54 | 68.421 | 67.118 | 67.050 | 67.442 | 67.050 | 30.480 | 9.443 |
| 9/29/2025 17:45 | 2.582 | 2.566 | 2.837 | 3.262 | 2.597 | 3.938 | 66.19 | 68.421 | 67.508 | 67.050 | 66.956 | 67.050 | 30.740 | 10.615 |
| 9/29/2025 18:00 | 2.582 | 2.515 | 2.828 | 3.261 | 2.586 | 3.934 | 66.02 | 68.248 | 67.814 | 66.879 | 66.758 | 67.050 | 30.930 | 11.862 |
| 9/29/2025 18:15 | 2.512 | 2.448 | 2.785 | 3.268 | 2.522 | 3.927 | 65.68 | 68.248 | 68.022 | 66.879 | 66.596 | 67.050 | 30.990 | 13.005 |
| 9/29/2025 18:30 | 2.443 | 2.379 | 2.718 | 3.271 | 2.460 | 3.944 | 65.51 | 68.248 | 68.408 | 66.879 | 66.470 | 67.050 | 31.040 | 15.060 |
| 9/29/2025 18:45 | 2.375 | 2.310 | 2.649 | 3.264 | 2.391 | 3.940 | 65.34 | 68.077 | 68.671 | 66.708 | 66.362 | 67.050 | 31.040 | 16.483 |
| 9/29/2025 19:00 | 2.308 | 2.254 | 2.572 | 3.273 | 2.318 | 3.930 | 65.17 | 68.077 | 68.574 | 66.708 | 66.272 | 67.050 | 31.060 | 16.979 |
| 9/29/2025 19:15 | 2.253 | 2.187 | 2.530 | 3.271 | 2.269 | 3.942 | 65.00 | 68.077 | 68.424 | 66.537 | 66.254 | 67.050 | 30.990 | 17.133 |
| 9/29/2025 19:30 | 2.189 | 2.138 | 2.460 | 3.272 | 2.210 | 3.941 | 65.00 | 68.077 | 68.237 | 66.537 | 66.218 | 67.050 | 30.990 | 17.563 |
| 9/29/2025 19:45 | 2.137 | 2.093 | 2.409 | 3.276 | 2.160 | 3.939 | 64.83 | 68.077 | 68.178 | 66.366 | 66.182 | 67.050 | 30.950 | 17.656 |
| 9/29/2025 20:00 | 2.086 | 2.045 | 2.363 | 3.274 | 2.109 | 3.928 | 64.65 | 67.906 | 68.247 | 66.366 | 66.182 | 66.879 | 30.940 | 17.494 |
| 9/29/2025 20:15 | 2.041 | 1.996 | 2.320 | 3.279 | 2.056 | 3.937 | 64.65 | 67.906 | 68.237 | 66.193 | 66.182 | 66.879 | 30.940 | 17.313 |
| 9/29/2025 20:30 | 1.999 | 1.963 | 2.278 | 3.283 | 2.015 | 3.931 | 64.65 | 67.906 | 68.167 | 66.022 | 66.164 | 66.879 | 30.930 | 17.234 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/29/2025 20:45 | 1.964 | 1.924 | 2.240 | 3.286 | 1.981 | 3.932 | 64.65 | 67.906 | 68.071 | 66.022 | 66.164 | 66.879 | 30.890 | 17.101 |
| 9/29/2025 21:00 | 1.923 | 1.883 | 2.213 | 3.279 | 1.944 | 3.935 | 64.48 | 67.906 | 67.985 | 65.851 | 66.164 | 66.879 | 30.900 | 16.976 |
| 9/29/2025 21:15 | 1.881 | 1.854 | 2.169 | 3.280 | 1.900 | 3.926 | 64.48 | 67.906 | 67.889 | 65.680 | 66.164 | 66.879 | 30.890 | 14.016 |
| 9/29/2025 21:30 | 1.848 | 1.825 | 2.131 | 3.277 | 1.867 | 3.934 | 64.65 | 67.906 | 67.787 | 65.509 | 66.164 | 66.708 | 30.860 | 14.411 |
| 9/29/2025 21:45 | 1.826 | 1.797 | 2.110 | 3.280 | 1.839 | 3.940 | 64.65 | 67.906 | 67.621 | 65.509 | 66.164 | 66.708 | 30.830 | 13.552 |
| 9/29/2025 22:00 | 1.801 | 1.767 | 2.082 | 3.288 | 1.807 | 3.935 | 64.65 | 67.906 | 67.407 | 65.338 | 66.164 | 66.708 | 30.810 | 15.546 |
| 9/29/2025 22:15 | 1.759 | 1.741 | 2.047 | 3.281 | 1.779 | 3.936 | 64.65 | 67.735 | 67.176 | 65.167 | 66.164 | 66.708 | 30.800 | 16.120 |
| 9/29/2025 22:30 | 1.728 | 1.718 | 2.022 | 3.284 | 1.753 | 3.926 | 64.65 | 67.735 | 66.957 | 65.167 | 66.182 | 66.708 | 30.770 | 16.056 |
| 9/29/2025 22:45 | 1.700 | 1.694 | 2.007 | 3.282 | 1.727 | 3.936 | 64.65 | 67.735 | 66.705 | 64.996 | 66.182 | 66.537 | 30.740 | 15.932 |
| 9/29/2025 23:00 | 1.676 | 1.665 | 1.975 | 3.280 | 1.689 | 3.932 | 64.65 | 67.735 | 66.443 | 64.825 | 66.182 | 66.537 | 30.670 | 16.305 |
| 9/29/2025 23:15 | 1.650 | 1.639 | 1.949 | 3.281 | 1.670 | 3.937 | 64.65 | 67.735 | 66.176 | 64.825 | 66.182 | 66.537 | 30.630 | 13.809 |
| 9/29/2025 23:30 | 1.627 | 1.624 | 1.923 | 3.288 | 1.652 | 3.931 | 64.65 | 67.735 | 65.913 | 64.652 | 66.182 | 66.537 | 30.630 | 12.923 |
| 9/29/2025 23:45 | 1.615 | 1.606 | 1.917 | 3.276 | 1.639 | 3.931 | 64.65 | 67.735 | 65.635 | 64.481 | 66.182 | 66.537 | 30.630 | 11.783 |
| 9/30/2025 0:00 | 1.585 | 1.581 | 1.884 | 3.282 | 1.607 | 3.928 | 64.65 | 67.735 | 65.357 | 64.481 | 66.182 | 66.537 | 30.580 | 9.073 |
| 9/30/2025 0:15 | 1.559 | 1.561 | 1.879 | 3.289 | 1.589 | 3.934 | 64.65 | 67.564 | 65.052 | 64.310 | 66.182 | 66.537 | 30.550 | 7.694 |
| 9/30/2025 0:30 | 1.543 | 1.545 | 1.854 | 3.277 | 1.574 | 3.930 | 64.48 | 67.564 | 64.779 | 64.310 | 66.182 | 66.537 | 30.550 | 7.055 |
| 9/30/2025 0:45 | 1.527 | 1.535 | 1.846 | 3.293 | 1.553 | 3.933 | 64.65 | 67.564 | 64.538 | 64.139 | 66.182 | 66.537 | 30.610 | 5.857 |
| 9/30/2025 1:00 | 1.516 | 1.528 | 1.832 | 3.286 | 1.540 | 3.938 | 64.65 | 67.564 | 64.287 | 64.139 | 66.182 | 66.537 | 30.550 | 6.172 |
| 9/30/2025 1:15 | 1.494 | 1.516 | 1.814 | 3.296 | 1.521 | 3.943 | 64.65 | 67.564 | 64.019 | 63.968 | 66.182 | 66.537 | 30.540 | 5.795 |
| 9/30/2025 1:30 | 1.496 | 1.485 | 1.808 | 3.285 | 1.516 | 3.946 | 64.48 | 67.564 | 63.741 | 63.968 | 66.182 | 66.537 | 30.560 | 4.758 |
| 9/30/2025 1:45 | 1.465 | 1.492 | 1.784 | 3.287 | 1.494 | 3.938 | 64.48 | 67.564 | 63.452 | 63.797 | 66.182 | 66.537 | 30.570 | 4.874 |
| 9/30/2025 2:00 | 1.455 | 1.472 | 1.778 | 3.291 | 1.481 | 3.948 | 64.48 | 67.392 | 63.152 | 63.797 | 66.182 | 66.366 | 30.520 | 4.318 |
| 9/30/2025 2:15 | 1.447 | 1.458 | 1.760 | 3.291 | 1.471 | 3.945 | 64.48 | 67.392 | 62.847 | 63.626 | 66.182 | 66.366 | 30.580 | 4.098 |
| 9/30/2025 2:30 | 1.420 | 1.448 | 1.755 | 3.289 | 1.455 | 3.938 | 64.48 | 67.392 | 62.568 | 63.626 | 66.182 | 66.366 | 30.560 | 3.918 |
| 9/30/2025 2:45 | 1.414 | 1.444 | 1.744 | 3.296 | 1.443 | 3.944 | 64.48 | 67.392 | 62.290 | 63.455 | 66.182 | 66.366 | 30.560 | 4.022 |
| 9/30/2025 3:00 | 1.402 | 1.443 | 1.739 | 3.302 | 1.436 | 3.952 | 64.48 | 67.392 | 62.016 | 63.455 | 66.182 | 66.366 | 30.490 | 3.840 |
| 9/30/2025 3:15 | 1.397 | 1.435 | 1.736 | 3.306 | 1.431 | 3.961 | 64.48 | 67.221 | 61.781 | 63.282 | 66.182 | 66.366 | 30.500 | 3.688 |
| 9/30/2025 3:30 | 1.390 | 1.418 | 1.730 | 3.296 | 1.420 | 3.951 | 64.48 | 67.221 | 61.593 | 63.282 | 66.182 | 66.366 | 30.480 | 3.256 |
| 9/30/2025 3:45 | 1.372 | 1.424 | 1.724 | 3.301 | 1.406 | 3.957 | 64.48 | 67.221 | 61.438 | 63.111 | 66.182 | 66.366 | 30.430 | 3.311 |
| 9/30/2025 4:00 | 1.373 | 1.409 | 1.724 | 3.302 | 1.404 | 3.955 | 64.48 | 67.221 | 61.298 | 63.111 | 66.182 | 66.366 | 30.450 | 3.728 |
| 9/30/2025 4:15 | 1.351 | 1.407 | 1.705 | 3.297 | 1.386 | 3.944 | 64.48 | 67.050 | 61.159 | 63.111 | 66.182 | 66.366 | 30.390 | 3.527 |
| 9/30/2025 4:30 | 1.353 | 1.399 | 1.702 | 3.287 | 1.390 | 3.951 | 64.48 | 67.050 | 61.019 | 62.940 | 66.164 | 66.366 | 30.410 | 3.735 |
| 9/30/2025 4:45 | 1.333 | 1.400 | 1.695 | 3.292 | 1.374 | 3.949 | 64.48 | 67.050 | 60.864 | 62.940 | 66.164 | 66.193 | 30.380 | 4.231 |
| 9/30/2025 5:00 | 1.378 | 1.417 | 1.696 | 3.301 | 1.408 | 3.942 | 64.48 | 67.050 | 60.697 | 62.769 | 66.164 | 66.193 | 30.350 | 4.306 |
| 9/30/2025 5:15 | 1.423 | 1.459 | 1.713 | 3.302 | 1.441 | 3.958 | 64.48 | 66.879 | 60.579 | 62.769 | 66.164 | 66.193 | 30.330 | 3.733 |
| 9/30/2025 5:30 | 1.431 | 1.490 | 1.737 | 3.309 | 1.456 | 3.955 | 64.48 | 66.879 | 60.542 | 62.769 | 66.164 | 66.193 | 30.330 | 4.052 |
| 9/30/2025 5:45 | 1.483 | 1.516 | 1.775 | 3.312 | 1.502 | 3.952 | 64.48 | 66.879 | 60.563 | 62.598 | 66.146 | 66.193 | 30.310 | 4.465 |
| 9/30/2025 6:00 | 1.537 | 1.559 | 1.817 | 3.305 | 1.546 | 3.954 | 64.48 | 66.708 | 60.526 | 62.598 | 66.146 | 66.193 | 30.270 | 5.126 |
| 9/30/2025 6:15 | 1.554 | 1.587 | 1.850 | 3.310 | 1.582 | 3.955 | 64.48 | 66.708 | 60.365 | 62.425 | 66.128 | 66.193 | 30.250 | 5.635 |
| 9/30/2025 6:30 | 1.591 | 1.585 | 1.879 | 3.308 | 1.608 | 3.960 | 64.48 | 66.708 | 60.187 | 62.425 | 66.074 | 66.193 | 30.230 | 5.767 |
| 9/30/2025 6:45 | 1.593 | 1.578 | 1.886 | 3.294 | 1.604 | 3.957 | 64.31 | 66.537 | 59.957 | 62.425 | 66.038 | 66.022 | 30.180 | 5.565 |
| 9/30/2025 7:00 | 1.552 | 1.561 | 1.872 | 3.304 | 1.570 | 3.947 | 64.31 | 66.537 | 59.833 | 62.254 | 65.984 | 66.022 | 30.170 | 5.749 |
| 9/30/2025 7:15 | 1.538 | 1.550 | 1.850 | 3.309 | 1.568 | 3.952 | 64.31 | 66.366 | 59.736 | 62.254 | 65.930 | 66.022 | 30.130 | 4.969 |
| 9/30/2025 7:30 | 1.524 | 1.534 | 1.843 | 3.303 | 1.553 | 3.949 | 64.31 | 66.366 | 59.726 | 62.083 | 65.894 | 66.022 | 30.140 | 4.641 |
| 9/30/2025 7:45 | 1.507 | 1.505 | 1.826 | 3.286 | 1.530 | 3.956 | 64.31 | 66.193 | 59.704 | 62.083 | 65.876 | 66.022 | 30.090 | 4.508 |
| 9/30/2025 8:00 | 1.467 | 1.488 | 1.790 | 3.292 | 1.497 | 3.942 | 64.31 | 66.193 | 59.688 | 62.083 | 65.858 | 66.022 | 30.080 | 4.500 |
| 9/30/2025 8:15 | 1.457 | 1.468 | 1.788 | 3.283 | 1.487 | 3.941 | 64.31 | 66.193 | 59.666 | 61.912 | 65.858 | 66.193 | 30.070 | 4.623 |
| 9/30/2025 8:30 | 1.433 | 1.451 | 1.757 | 3.278 | 1.462 | 3.928 | 64.31 | 66.022 | 59.650 | 61.912 | 65.858 | 66.193 | 30.030 | 4.293 |
| 9/30/2025 8:45 | 1.411 | 1.435 | 1.736 | 3.278 | 1.436 | 3.930 | 64.14 | 66.022 | 59.656 | 61.912 | 65.858 | 66.193 | 29.990 | 4.530 |
| 9/30/2025 9:00 | 1.399 | 1.421 | 1.735 | 3.272 | 1.423 | 3.930 | 64.14 | 65.851 | 59.683 | 61.912 | 65.858 | 66.193 | 29.900 | 4.314 |
| 9/30/2025 9:15 | 1.386 | 1.412 | 1.712 | 3.266 | 1.411 | 3.928 | 64.14 | 65.851 | 59.758 | 61.912 | 65.840 | 66.193 | 29.880 | 4.064 |
| 9/30/2025 9:30 | 1.367 | 1.405 | 1.700 | 3.278 | 1.390 | 3.923 | 63.97 | 65.851 | 59.946 | 61.741 | 65.840 | 66.366 | 29.800 | 3.743 |
| 9/30/2025 9:45 | 1.361 | 1.393 | 1.699 | 3.274 | 1.385 | 3.928 | 63.97 | 65.680 | 60.236 | 61.741 | 65.822 | 66.366 | 29.750 | 4.255 |
| 9/30/2025 10:00 | 1.348 | 1.391 | 1.685 | 3.276 | 1.373 | 3.920 | 63.97 | 65.680 | 60.542 | 61.741 | 65.822 | 66.366 | 29.650 | 4.545 |
| 9/30/2025 10:15 | 1.331 | 1.377 | 1.681 | 3.270 | 1.363 | 3.922 | 63.97 | 65.509 | 60.853 | 61.741 | 65.804 | 66.366 | 29.590 | 4.380 |
| 9/30/2025 10:30 | 1.321 | 1.379 | 1.672 | 3.284 | 1.357 | 3.934 | 63.97 | 65.509 | 61.207 | 61.741 | 65.804 | 66.366 | 29.500 | 4.392 |
| 9/30/2025 10:45 | 1.324 | 1.375 | 1.683 | 3.284 | 1.362 | 3.938 | 64.14 | 65.509 | 61.572 | 61.912 | 65.804 | 66.537 | 29.380 | 3.999 |
| 9/30/2025 11:00 | 1.312 | 1.373 | 1.666 | 3.286 | 1.337 | 3.934 | 64.14 | 65.509 | 61.957 | 61.912 | 65.804 | 66.537 | 29.260 | 4.406 |
| 9/30/2025 11:15 | 1.310 | 1.369 | 1.667 | 3.285 | 1.337 | 3.939 | 64.31 | 65.680 | 62.391 | 61.912 | 65.804 | 66.537 | 29.180 | 4.408 |
| 9/30/2025 11:30 | 1.301 | 1.353 | 1.662 | 3.271 | 1.334 | 3.939 | 64.31 | 65.680 | 62.820 | 62.083 | 65.804 | 66.537 | 29.110 | 4.391 |
| 9/30/2025 11:45 | 1.279 | 1.348 | 1.643 | 3.269 | 1.304 | 3.927 | 64.48 | 65.851 | 63.254 | 62.083 | 65.876 | 66.537 | 29.030 | 4.396 |
| 9/30/2025 12:00 | 1.269 | 1.338 | 1.651 | 3.259 | 1.303 | 3.922 | 64.48 | 66.022 | 63.703 | 62.254 | 66.038 | 66.708 | 28.980 | 4.393 |
| 9/30/2025 12:15 | 1.254 | 1.349 | 1.632 | 3.278 | 1.297 | 3.915 | 64.48 | 66.022 | 64.121 | 62.425 | 66.200 | 66.708 | 28.960 | 4.390 |
| 9/30/2025 12:30 | 1.265 | 1.345 | 1.638 | 3.270 | 1.300 | 3.934 | 64.65 | 66.193 | 64.517 | 62.598 | 66.344 | 66.708 | 28.920 | 4.388 |
| 9/30/2025 12:45 | 1.253 | 1.336 | 1.648 | 3.269 | 1.286 | 3.930 | 64.65 | 66.537 | 64.881 | 62.940 | 66.506 | 66.708 | 28.870 | 4.386 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 9/30/2025 13:00 | 1.254 | 1.332 | 1.637 | 3.258 | 1.286 | 3.932 | 64.83 | 66.708 | 65.212 | 63.111 | 66.686 | 66.879 | 28.820 | 4.385 |
| 9/30/2025 13:15 | 1.235 | 1.343 | 1.638 | 3.277 | 1.278 | 3.931 | 65.00 | 66.879 | 65.517 | 63.455 | 66.884 | 66.879 | 28.750 | 4.382 |
| 9/30/2025 13:30 | 1.242 | 1.338 | 1.645 | 3.269 | 1.285 | 3.938 | 65.17 | 67.050 | 65.812 | 63.626 | 67.100 | 66.879 | 28.770 | 4.384 |
| 9/30/2025 13:45 | 1.233 | 1.341 | 1.648 | 3.272 | 1.279 | 3.934 | 65.17 | 67.221 | 66.052 | 63.968 | 67.316 | 66.879 | 28.670 | 4.387 |
| 9/30/2025 14:00 | 1.235 | 1.339 | 1.649 | 3.268 | 1.277 | 3.936 | 65.34 | 67.221 | 66.240 | 64.310 | 67.514 | 66.879 | 28.650 | 4.386 |
| 9/30/2025 14:15 | 1.230 | 1.336 | 1.651 | 3.270 | 1.266 | 3.942 | 65.51 | 67.392 | 66.390 | 64.652 | 67.730 | 67.050 | 28.620 | 4.391 |
| 9/30/2025 14:30 | 1.227 | 1.335 | 1.646 | 3.263 | 1.258 | 3.939 | 65.68 | 67.392 | 66.491 | 64.996 | 67.928 | 67.050 | 28.640 | 4.381 |
| 9/30/2025 14:45 | 1.218 | 1.334 | 1.648 | 3.258 | 1.257 | 3.931 | 65.68 | 67.564 | 66.630 | 65.338 | 68.162 | 67.050 | 28.640 | 4.199 |
| 9/30/2025 15:00 | 1.213 | 1.332 | 1.638 | 3.260 | 1.252 | 3.937 | 65.85 | 67.735 | 66.636 | 65.509 | 68.414 | 67.221 | 28.640 | 4.192 |
| 9/30/2025 15:15 | 1.214 | 1.330 | 1.643 | 3.260 | 1.252 | 3.942 | 65.85 | 67.735 | 66.502 | 65.851 | 68.630 | 67.221 | 28.570 | 4.183 |
| 9/30/2025 15:30 | 1.217 | 1.342 | 1.641 | 3.261 | 1.263 | 3.941 | 66.02 | 67.906 | 66.336 | 66.022 | 68.720 | 67.221 | 28.590 | 4.183 |
| 9/30/2025 15:45 | 1.260 | 1.349 | 1.651 | 3.268 | 1.292 | 3.953 | 66.02 | 68.077 | 66.186 | 66.366 | 68.828 | 67.392 | 28.560 | 4.181 |
| 9/30/2025 16:00 | 1.306 | 1.373 | 1.658 | 3.266 | 1.331 | 3.952 | 66.19 | 68.248 | 65.892 | 66.537 | 68.936 | 67.392 | 28.550 | 4.181 |
| 9/30/2025 16:15 | 1.410 | 1.452 | 1.678 | 3.264 | 1.422 | 3.942 | 66.19 | 68.248 | 65.571 | 66.537 | 69.026 | 67.392 | 28.510 | 4.158 |
| 9/30/2025 16:30 | 1.554 | 1.603 | 1.737 | 3.250 | 1.544 | 3.928 | 66.19 | 68.248 | 65.410 | 66.708 | 69.170 | 67.392 | 28.460 | 4.597 |
| 9/30/2025 16:45 | 1.691 | 1.833 | 1.887 | 3.258 | 1.693 | 3.929 | 66.37 | 68.248 | 65.212 | 66.708 | 69.512 | 67.392 | 28.390 | 4.866 |
| 9/30/2025 17:00 | 1.955 | 2.104 | 2.114 | 3.260 | 1.920 | 3.937 | 66.37 | 68.421 | 65.153 | 66.708 | 69.926 | 67.392 | 28.330 | 4.202 |
| 9/30/2025 17:15 | 2.222 | 2.376 | 2.366 | 3.267 | 2.183 | 3.928 | 67.05 | 68.421 | 65.507 | 66.708 | 70.628 | 67.392 | 29.520 | 4.238 |
| 9/30/2025 17:30 | 2.480 | 2.671 | 2.657 | 3.257 | 2.427 | 3.938 | 66.71 | 68.763 | 66.234 | 66.708 | 69.296 | 67.392 | 30.760 | 6.673 |
| 9/30/2025 17:45 | 2.678 | 2.931 | 2.911 | 3.265 | 2.722 | 3.929 | 66.37 | 69.449 | 67.546 | 66.708 | 67.820 | 67.392 | 31.360 | 10.402 |
| 9/30/2025 18:00 | 2.961 | 3.144 | 3.183 | 3.277 | 2.943 | 3.928 | 66.02 | 69.449 | 68.644 | 66.537 | 67.226 | 67.392 | 31.630 | 15.619 |
| 9/30/2025 18:15 | 3.147 | 3.234 | 3.369 | 3.382 | 3.152 | 3.932 | 65.68 | 68.934 | 68.724 | 66.537 | 66.650 | 67.221 | 31.910 | 18.600 |
| 9/30/2025 18:30 | 3.225 | 3.278 | 3.472 | 3.467 | 3.250 | 3.939 | 65.34 | 68.421 | 68.933 | 66.366 | 66.470 | 67.221 | 31.860 | 22.154 |
| 9/30/2025 18:45 | 3.220 | 3.185 | 3.542 | 3.467 | 3.288 | 3.938 | 65.17 | 68.077 | 69.089 | 66.366 | 66.200 | 67.050 | 31.880 | 24.749 |
| 9/30/2025 19:00 | 3.145 | 3.091 | 3.433 | 3.410 | 3.203 | 3.946 | 65.17 | 68.077 | 69.202 | 66.193 | 65.948 | 67.050 | 31.790 | 23.036 |
| 9/30/2025 19:15 | 3.008 | 2.967 | 3.328 | 3.359 | 3.076 | 3.936 | 65.00 | 68.077 | 69.293 | 66.193 | 65.804 | 66.879 | 31.690 | 22.891 |
| 9/30/2025 19:30 | 2.930 | 2.829 | 3.223 | 3.336 | 2.956 | 3.941 | 65.34 | 68.077 | 69.282 | 66.022 | 65.750 | 66.708 | 31.570 | 23.729 |
| 9/30/2025 19:45 | 2.804 | 2.712 | 3.099 | 3.310 | 2.829 | 3.942 | 65.34 | 67.906 | 69.250 | 65.851 | 65.804 | 66.708 | 31.430 | 24.273 |
| 9/30/2025 20:00 | 2.691 | 2.611 | 2.974 | 3.306 | 2.710 | 3.924 | 65.17 | 67.906 | 69.078 | 65.851 | 65.858 | 66.537 | 31.400 | 26.323 |
| 9/30/2025 20:15 | 2.596 | 2.513 | 2.880 | 3.291 | 2.604 | 3.935 | 65.17 | 67.906 | 68.907 | 65.680 | 65.930 | 66.537 | 31.230 | 28.230 |
| 9/30/2025 20:30 | 2.498 | 2.445 | 2.772 | 3.292 | 2.514 | 3.927 | 65.00 | 67.906 | 68.751 | 65.509 | 65.984 | 66.366 | 31.110 | 28.304 |
| 9/30/2025 20:45 | 2.421 | 2.370 | 2.704 | 3.278 | 2.444 | 3.922 | 65.00 | 67.906 | 68.992 | 65.338 | 66.002 | 66.366 | 31.040 | 28.267 |
| 9/30/2025 21:00 | 2.351 | 2.304 | 2.624 | 3.284 | 2.356 | 3.919 | 64.83 | 67.906 | 69.046 | 65.167 | 66.038 | 66.366 | 31.030 | 28.145 |
| 9/30/2025 21:15 | 2.290 | 2.238 | 2.566 | 3.282 | 2.303 | 3.932 | 64.65 | 67.906 | 68.987 | 64.996 | 66.056 | 66.193 | 31.040 | 28.070 |
| 9/30/2025 21:30 | 2.226 | 2.182 | 2.510 | 3.283 | 2.243 | 3.927 | 64.65 | 67.906 | 68.821 | 64.825 | 66.074 | 66.193 | 31.020 | 26.372 |
| 9/30/2025 21:45 | 2.176 | 2.137 | 2.456 | 3.279 | 2.191 | 3.936 | 64.48 | 67.906 | 68.660 | 64.652 | 66.074 | 66.193 | 30.970 | 26.266 |
| 9/30/2025 22:00 | 2.126 | 2.080 | 2.407 | 3.268 | 2.141 | 3.933 | 64.48 | 67.906 | 68.387 | 64.481 | 66.092 | 66.193 | 30.990 | 23.023 |
| 9/30/2025 22:15 | 2.068 | 2.038 | 2.347 | 3.279 | 2.085 | 3.923 | 64.48 | 67.906 | 68.162 | 64.310 | 66.092 | 66.193 | 30.940 | 27.619 |
| 9/30/2025 22:30 | 2.028 | 1.997 | 2.309 | 3.276 | 2.041 | 3.934 | 64.48 | 67.906 | 67.953 | 64.139 | 66.092 | 66.022 | 30.890 | 27.315 |
| 9/30/2025 22:45 | 1.986 | 1.964 | 2.267 | 3.285 | 1.989 | 3.935 | 64.48 | 67.735 | 67.706 | 63.968 | 66.092 | 66.022 | 30.900 | 26.950 |
| 9/30/2025 23:00 | 1.948 | 1.925 | 2.236 | 3.279 | 1.966 | 3.937 | 64.48 | 67.735 | 67.466 | 63.797 | 66.092 | 66.022 | 30.840 | 26.602 |
| 9/30/2025 23:15 | 1.912 | 1.891 | 2.193 | 3.287 | 1.925 | 3.936 | 64.48 | 67.735 | 67.241 | 63.626 | 66.092 | 66.022 | 30.810 | 22.425 |
| 9/30/2025 23:30 | 1.877 | 1.855 | 2.164 | 3.288 | 1.891 | 3.933 | 64.48 | 67.735 | 66.994 | 63.455 | 66.092 | 66.022 | 30.750 | 23.514 |
| 9/30/2025 23:45 | 1.843 | 1.828 | 2.141 | 3.288 | 1.850 | 3.938 | 64.48 | 67.735 | 66.764 | 63.282 | 66.092 | 65.851 | 30.720 | 25.772 |
| 10/1/2025 0:00 | 1.808 | 1.798 | 2.098 | 3.288 | 1.829 | 3.934 | 64.48 | 67.735 | 66.513 | 63.282 | 66.092 | 65.851 | 30.640 | 23.268 |
| 10/1/2025 0:15 | 1.785 | 1.770 | 2.078 | 3.291 | 1.796 | 3.932 | 64.48 | 67.735 | 66.234 | 63.111 | 66.092 | 65.851 | 30.680 | 22.525 |
| 10/1/2025 0:30 | 1.757 | 1.735 | 2.048 | 3.285 | 1.766 | 3.934 | 64.48 | 67.735 | 65.876 | 62.940 | 66.092 | 65.851 | 30.630 | 23.045 |
| 10/1/2025 0:45 | 1.724 | 1.709 | 2.014 | 3.285 | 1.737 | 3.933 | 64.48 | 67.735 | 65.442 | 62.769 | 66.092 | 65.851 | 30.660 | 22.390 |
| 10/1/2025 1:00 | 1.698 | 1.690 | 1.989 | 3.284 | 1.708 | 3.930 | 64.48 | 67.735 | 64.998 | 62.598 | 66.092 | 65.851 | 30.620 | 21.645 |
| 10/1/2025 1:15 | 1.678 | 1.676 | 1.966 | 3.286 | 1.685 | 3.929 | 64.48 | 67.735 | 64.538 | 62.425 | 66.074 | 65.680 | 30.650 | 19.368 |
| 10/1/2025 1:30 | 1.652 | 1.650 | 1.946 | 3.290 | 1.667 | 3.928 | 64.48 | 67.735 | 64.089 | 62.254 | 66.092 | 65.680 | 30.640 | 17.298 |
| 10/1/2025 1:45 | 1.629 | 1.620 | 1.921 | 3.291 | 1.653 | 3.939 | 64.48 | 67.564 | 63.644 | 62.254 | 66.074 | 65.680 | 30.610 | 13.622 |
| 10/1/2025 2:00 | 1.599 | 1.607 | 1.899 | 3.293 | 1.615 | 3.937 | 64.48 | 67.564 | 63.216 | 62.083 | 66.092 | 65.680 | 30.620 | 11.614 |
| 10/1/2025 2:15 | 1.590 | 1.592 | 1.882 | 3.292 | 1.604 | 3.928 | 64.48 | 67.564 | 62.841 | 61.912 | 66.074 | 65.680 | 30.660 | 11.807 |
| 10/1/2025 2:30 | 1.566 | 1.571 | 1.863 | 3.294 | 1.592 | 3.936 | 64.48 | 67.564 | 62.456 | 61.741 | 66.074 | 65.680 | 30.630 | 10.665 |
| 10/1/2025 2:45 | 1.553 | 1.553 | 1.839 | 3.291 | 1.568 | 3.927 | 64.48 | 67.564 | 62.049 | 61.741 | 66.074 | 65.680 | 30.610 | 9.907 |
| 10/1/2025 3:00 | 1.534 | 1.541 | 1.829 | 3.293 | 1.547 | 3.926 | 64.48 | 67.564 | 61.775 | 61.569 | 66.074 | 65.509 | 30.610 | 8.237 |
| 10/1/2025 3:15 | 1.509 | 1.532 | 1.815 | 3.291 | 1.532 | 3.922 | 64.48 | 67.564 | 61.534 | 61.398 | 66.074 | 65.509 | 30.620 | 10.289 |
| 10/1/2025 3:30 | 1.500 | 1.512 | 1.792 | 3.290 | 1.521 | 3.936 | 64.31 | 67.392 | 61.234 | 61.227 | 66.074 | 65.509 | 30.660 | 8.284 |
| 10/1/2025 3:45 | 1.480 | 1.496 | 1.796 | 3.288 | 1.507 | 3.928 | 64.48 | 67.392 | 60.933 | 61.054 | 66.074 | 65.509 | 30.670 | 7.903 |
| 10/1/2025 4:00 | 1.467 | 1.482 | 1.775 | 3.293 | 1.484 | 3.923 | 64.31 | 67.392 | 60.622 | 60.883 | 66.074 | 65.509 | 30.710 | 7.092 |
| 10/1/2025 4:15 | 1.461 | 1.480 | 1.770 | 3.303 | 1.481 | 3.933 | 64.31 | 67.392 | 60.263 | 60.883 | 66.074 | 65.509 | 30.650 | 6.822 |
| 10/1/2025 4:30 | 1.451 | 1.463 | 1.759 | 3.293 | 1.477 | 3.938 | 64.31 | 67.221 | 59.924 | 60.712 | 66.074 | 65.338 | 30.630 | 5.904 |
| 10/1/2025 4:45 | 1.435 | 1.451 | 1.737 | 3.288 | 1.451 | 3.929 | 64.31 | 67.221 | 59.602 | 60.539 | 66.074 | 65.338 | 30.670 | 5.663 |
| 10/1/2025 5:00 | 1.414 | 1.443 | 1.734 | 3.286 | 1.434 | 3.935 | 64.31 | 67.221 | 59.301 | 60.368 | 66.074 | 65.338 | 30.650 | 6.361 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/1/2025 5:15 | 1.457 | 1.458 | 1.721 | 3.283 | 1.470 | 3.927 | 64.31 | 67.221 | 58.914 | 60.368 | 66.074 | 65.338 | 30.610 | 5.193 |
| 10/1/2025 5:30 | 1.485 | 1.490 | 1.752 | 3.284 | 1.474 | 3.934 | 64.31 | 67.050 | 58.941 | 60.195 | 66.056 | 65.167 | 30.630 | 6.562 |
| 10/1/2025 5:45 | 1.514 | 1.554 | 1.789 | 3.290 | 1.510 | 3.925 | 64.31 | 67.050 | 58.833 | 60.024 | 66.038 | 65.167 | 30.540 | 7.515 |
| 10/1/2025 6:00 | 1.545 | 1.623 | 1.821 | 3.293 | 1.560 | 3.927 | 64.31 | 66.879 | 59.075 | 60.024 | 65.948 | 65.167 | 30.460 | 8.983 |
| 10/1/2025 6:15 | 1.611 | 1.699 | 1.884 | 3.296 | 1.635 | 3.931 | 64.31 | 66.708 | 59.312 | 59.851 | 65.768 | 65.167 | 30.330 | 18.171 |
| 10/1/2025 6:30 | 1.698 | 1.780 | 1.941 | 3.300 | 1.720 | 3.935 | 64.31 | 66.708 | 59.344 | 59.680 | 65.210 | 65.167 | 29.970 | 19.996 |
| 10/1/2025 6:45 | 1.766 | 1.828 | 2.046 | 3.306 | 1.785 | 3.947 | 64.31 | 66.537 | 59.462 | 59.680 | 64.400 | 65.167 | 29.620 | 20.377 |
| 10/1/2025 7:00 | 1.863 | 1.904 | 2.120 | 3.302 | 1.853 | 3.941 | 64.31 | 66.366 | 58.472 | 59.508 | 63.914 | 64.996 | 29.420 | 17.642 |
| 10/1/2025 7:15 | 1.942 | 1.919 | 2.192 | 3.283 | 1.922 | 3.937 | 64.14 | 66.193 | 59.457 | 59.508 | 63.734 | 64.996 | 29.440 | 17.819 |
| 10/1/2025 7:30 | 1.950 | 1.991 | 2.195 | 3.286 | 1.955 | 3.926 | 64.14 | 66.022 | 60.139 | 59.337 | 63.644 | 65.167 | 29.610 | 19.145 |
| 10/1/2025 7:45 | 1.971 | 1.944 | 2.245 | 3.274 | 1.988 | 3.922 | 63.28 | 65.680 | 60.606 | 59.337 | 63.446 | 65.167 | 29.630 | 19.401 |
| 10/1/2025 8:00 | 1.954 | 1.923 | 2.206 | 3.272 | 1.958 | 3.910 | 62.94 | 65.509 | 60.976 | 59.164 | 63.284 | 65.167 | 29.690 | 19.178 |
| 10/1/2025 8:15 | 1.908 | 1.893 | 2.201 | 3.277 | 1.918 | 3.912 | 62.77 | 65.338 | 61.169 | 59.164 | 63.104 | 65.167 | 29.720 | 18.935 |
| 10/1/2025 8:30 | 1.881 | 1.868 | 2.162 | 3.271 | 1.893 | 3.917 | 62.60 | 65.338 | 61.304 | 59.164 | 62.996 | 65.167 | 29.730 | 18.125 |
| 10/1/2025 8:45 | 1.835 | 1.818 | 2.129 | 3.264 | 1.860 | 3.919 | 62.60 | 65.167 | 61.341 | 58.993 | 62.960 | 65.167 | 29.730 | 18.729 |
| 10/1/2025 9:00 | 1.801 | 1.784 | 2.092 | 3.268 | 1.815 | 3.905 | 62.60 | 65.167 | 61.395 | 58.993 | 62.924 | 65.167 | 29.720 | 18.403 |
| 10/1/2025 9:15 | 1.776 | 1.753 | 2.052 | 3.265 | 1.770 | 3.917 | 62.43 | 64.996 | 61.416 | 58.993 | 62.942 | 65.338 | 29.710 | 17.038 |
| 10/1/2025 9:30 | 1.738 | 1.718 | 2.030 | 3.263 | 1.746 | 3.914 | 62.43 | 64.996 | 61.427 | 58.820 | 62.942 | 65.338 | 29.630 | 15.313 |
| 10/1/2025 9:45 | 1.703 | 1.694 | 1.996 | 3.261 | 1.716 | 3.918 | 62.60 | 64.996 | 61.373 | 58.820 | 62.942 | 65.509 | 29.620 | 21.739 |
| 10/1/2025 10:00 | 1.669 | 1.664 | 1.961 | 3.259 | 1.687 | 3.916 | 62.60 | 64.825 | 61.330 | 58.820 | 62.978 | 65.509 | 29.570 | 20.299 |
| 10/1/2025 10:15 | 1.644 | 1.643 | 1.932 | 3.268 | 1.662 | 3.910 | 62.77 | 64.825 | 61.255 | 58.647 | 62.996 | 65.509 | 29.560 | 17.553 |
| 10/1/2025 10:30 | 1.626 | 1.634 | 1.917 | 3.278 | 1.642 | 3.920 | 62.77 | 64.825 | 61.191 | 58.647 | 63.050 | 65.680 | 29.550 | 17.176 |
| 10/1/2025 10:45 | 1.606 | 1.605 | 1.902 | 3.280 | 1.622 | 3.927 | 62.94 | 64.825 | 61.132 | 58.647 | 63.104 | 65.680 | 29.570 | 16.391 |
| 10/1/2025 11:00 | 1.580 | 1.582 | 1.887 | 3.277 | 1.602 | 3.925 | 62.94 | 64.825 | 61.057 | 58.820 | 63.140 | 65.680 | 29.490 | 15.737 |
| 10/1/2025 11:15 | 1.565 | 1.568 | 1.847 | 3.282 | 1.573 | 3.914 | 63.11 | 64.996 | 60.998 | 58.820 | 63.212 | 65.680 | 29.520 | 14.840 |
| 10/1/2025 11:30 | 1.535 | 1.544 | 1.833 | 3.269 | 1.556 | 3.919 | 63.28 | 64.996 | 60.998 | 58.820 | 63.284 | 65.851 | 29.510 | 13.600 |
| 10/1/2025 11:45 | 1.518 | 1.514 | 1.823 | 3.266 | 1.526 | 3.910 | 63.28 | 65.167 | 60.966 | 58.993 | 63.428 | 65.851 | 29.470 | 12.107 |
| 10/1/2025 12:00 | 1.498 | 1.493 | 1.794 | 3.265 | 1.507 | 3.906 | 63.28 | 65.338 | 60.966 | 59.164 | 63.608 | 65.851 | 29.480 | 10.687 |
| 10/1/2025 12:15 | 1.465 | 1.478 | 1.770 | 3.269 | 1.490 | 3.905 | 63.46 | 65.338 | 61.051 | 59.164 | 63.806 | 65.851 | 29.490 | 9.896 |
| 10/1/2025 12:30 | 1.461 | 1.468 | 1.761 | 3.257 | 1.479 | 3.909 | 63.46 | 65.680 | 61.169 | 60.712 | 63.986 | 66.022 | 29.480 | 9.460 |
| 10/1/2025 12:45 | 1.450 | 1.454 | 1.726 | 3.248 | 1.472 | 3.910 | 63.63 | 65.851 | 61.232 | 60.195 | 64.184 | 66.022 | 29.480 | 10.010 |
| 10/1/2025 13:15 | 1.378 | 1.428 | 1.723 | 3.241 | 1.447 | 3.899 | 67.39 | 65.851 | 61.340 | 60.195 | 64.400 | 67.392 | 29.470 | 10.470 |
| 10/1/2025 13:30 | 1.355 | 1.410 | 1.702 | 3.234 | 1.406 | 3.897 | 65.00 | 66.193 | 61.466 | 60.368 | 65.192 | 66.879 | 29.000 | 10.890 |
| 10/1/2025 13:45 | 1.359 | 1.415 | 1.680 | 3.243 | 1.374 | 3.886 | 64.83 | 66.366 | 61.628 | 60.539 | 65.282 | 66.879 | 29.090 | 10.840 |
| 10/1/2025 14:00 | 1.342 | 1.407 | 1.671 | 3.247 | 1.379 | 3.908 | 64.83 | 66.537 | 61.772 | 60.883 | 65.444 | 66.708 | 29.130 | 10.870 |
| 10/1/2025 14:15 | 1.328 | 1.394 | 1.664 | 3.250 | 1.371 | 3.907 | 64.83 | 66.708 | 61.970 | 61.054 | 65.588 | 66.708 | 29.170 | 9.840 |
| 10/1/2025 14:30 | 1.317 | 1.395 | 1.659 | 3.248 | 1.357 | 3.906 | 64.83 | 66.879 | 62.114 | 61.398 | 65.786 | 66.708 | 29.210 | 10.160 |
| 10/1/2025 14:45 | 1.294 | 1.377 | 1.644 | 3.242 | 1.346 | 3.899 | 65.00 | 67.050 | 62.276 | 61.741 | 66.002 | 66.708 | 29.190 | 9.730 |
| 10/1/2025 15:00 | 1.286 | 1.369 | 1.629 | 3.243 | 1.346 | 3.896 | 65.17 | 67.221 | 62.258 | 62.083 | 66.182 | 66.708 | 29.170 | 10.250 |
| 10/1/2025 15:15 | 1.275 | 1.355 | 1.628 | 3.234 | 1.320 | 3.903 | 65.17 | 67.392 | 62.240 | 62.425 | 66.380 | 66.708 | 29.090 | 9.400 |
| 10/1/2025 15:30 | 1.275 | 1.359 | 1.624 | 3.235 | 1.327 | 3.900 | 65.34 | 67.564 | 62.096 | 62.769 | 66.524 | 66.708 | 29.070 | 10.840 |
| 10/1/2025 15:45 | 1.257 | 1.350 | 1.631 | 3.226 | 1.302 | 3.897 | 65.34 | 67.906 | 62.168 | 62.940 | 66.650 | 66.879 | 29.030 | 10.720 |
| 10/1/2025 16:00 | 1.249 | 1.349 | 1.610 | 3.233 | 1.302 | 3.894 | 65.51 | 67.906 | 62.132 | 63.111 | 66.722 | 66.879 | 29.000 | 10.020 |
| 10/1/2025 16:15 | 1.247 | 1.339 | 1.614 | 3.232 | 1.281 | 3.905 | 65.68 | 68.077 | 61.772 | 63.455 | 66.812 | 66.879 | 28.940 | 10.820 |
| 10/1/2025 16:30 | 1.256 | 1.346 | 1.597 | 3.238 | 1.276 | 3.913 | 65.68 | 68.248 | 61.394 | 63.626 | 66.884 | 66.879 | 28.930 | 10.010 |
| 10/1/2025 16:45 | 1.299 | 1.344 | 1.597 | 3.233 | 1.306 | 3.915 | 65.68 | 68.248 | 61.052 | 63.626 | 66.938 | 66.879 | 28.870 | 9.750 |
| 10/1/2025 17:00 | 1.310 | 1.356 | 1.602 | 3.237 | 1.315 | 3.910 | 65.85 | 68.421 | 60.764 | 63.797 | 66.974 | 66.879 | 28.800 | 8.710 |
| 10/1/2025 17:15 | 1.396 | 1.377 | 1.589 | 3.232 | 1.382 | 3.917 | 65.85 | 68.248 | 60.458 | 63.797 | 66.920 | 67.050 | 29.450 | 9.380 |
| 10/1/2025 17:30 | 1.515 | 1.462 | 1.622 | 3.233 | 1.482 | 3.908 | 65.68 | 68.248 | 60.098 | 63.797 | 67.442 | 67.050 | 30.580 | 9.440 |
| 10/1/2025 17:45 | 1.670 | 1.589 | 1.684 | 3.245 | 1.606 | 3.919 | 65.85 | 68.077 | 60.098 | 63.797 | 67.082 | 66.879 | 29.790 | 8.780 |
| 10/1/2025 18:00 | 1.854 | 1.761 | 1.797 | 3.238 | 1.777 | 3.931 | 65.85 | 67.735 | 60.170 | 63.626 | 66.794 | 66.879 | 29.260 | 10.410 |
| 10/1/2025 18:15 | 2.120 | 2.012 | 1.980 | 3.235 | 2.009 | 3.917 | 66.02 | 67.735 | 60.440 | 63.626 | 66.776 | 66.879 | 30.110 | 10.560 |
| 10/1/2025 18:30 | 2.329 | 2.299 | 2.241 | 3.239 | 2.275 | 3.912 | 64.65 | 67.392 | 61.682 | 63.455 | 64.742 | 66.708 | 31.140 | 12.760 |
| 10/1/2025 18:45 | 2.619 | 2.580 | 2.508 | 3.241 | 2.538 | 3.906 | 63.80 | 67.050 | 63.518 | 63.455 | 63.572 | 66.708 | 31.710 | 15.610 |
| 10/1/2025 19:00 | 2.815 | 2.789 | 2.779 | 3.231 | 2.728 | 3.913 | 63.28 | 66.708 | 64.220 | 63.282 | 63.518 | 66.537 | 31.970 | 17.690 |
| 10/1/2025 19:15 | 2.985 | 3.024 | 3.037 | 3.243 | 2.987 | 3.908 | 63.11 | 66.537 | 65.498 | 63.111 | 63.014 | 66.366 | 32.220 | 21.560 |
| 10/1/2025 19:30 | 3.106 | 3.164 | 3.205 | 3.274 | 3.096 | 3.912 | 62.77 | 65.851 | 65.804 | 62.940 | 62.816 | 66.366 | 32.370 | 21.260 |
| 10/1/2025 19:45 | 3.107 | 3.171 | 3.370 | 3.360 | 3.106 | 3.907 | 62.60 | 65.167 | 65.624 | 62.769 | 62.888 | 66.193 | 32.420 | 26.210 |
| 10/1/2025 20:00 | 3.083 | 3.105 | 3.368 | 3.354 | 2.995 | 3.911 | 62.43 | 65.167 | 65.444 | 62.425 | 62.636 | 66.193 | 32.430 | 26.640 |
| 10/1/2025 20:15 | 2.926 | 3.004 | 3.317 | 3.329 | 2.908 | 3.906 | 62.43 | 65.338 | 65.372 | 62.425 | 62.456 | 66.022 | 32.340 | 27.160 |
| 10/1/2025 20:30 | 2.833 | 2.884 | 3.202 | 3.311 | 2.783 | 3.916 | 62.43 | 65.680 | 65.354 | 62.254 | 62.420 | 66.022 | 32.230 | 27.340 |
| 10/1/2025 20:45 | 2.696 | 2.758 | 3.078 | 3.279 | 2.664 | 3.924 | 62.43 | 65.851 | 65.300 | 62.083 | 62.420 | 65.851 | 32.110 | 26.300 |
| 10/1/2025 21:00 | 2.591 | 2.652 | 2.957 | 3.269 | 2.561 | 3.905 | 62.43 | 65.851 | 65.318 | 61.912 | 62.474 | 65.851 | 32.130 | 27.100 |
| 10/1/2025 21:15 | 2.498 | 2.553 | 2.848 | 3.261 | 2.458 | 3.906 | 62.43 | 65.851 | 65.282 | 61.741 | 62.528 | 65.680 | 32.050 | 28.860 |
| 10/1/2025 21:30 | 2.404 | 2.462 | 2.743 | 3.255 | 2.377 | 3.903 | 62.43 | 65.851 | 65.300 | 61.741 | 62.636 | 65.680 | 31.970 | 29.210 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/1/2025 21:45 | 2.326 | 2.383 | 2.656 | 3.250 | 2.310 | 3.904 | 62.43 | 65.851 | 65.282 | 61.398 | 62.654 | 65.680 | 31.870 | 28.760 |
| 10/1/2025 22:00 | 2.261 | 2.316 | 2.579 | 3.253 | 2.248 | 3.901 | 62.25 | 65.851 | 65.246 | 61.227 | 62.672 | 65.680 | 31.840 | 27.830 |
| 10/1/2025 22:15 | 2.197 | 2.253 | 2.524 | 3.243 | 2.181 | 3.895 | 62.25 | 65.680 | 65.210 | 61.054 | 62.690 | 65.509 | 31.780 | 26.000 |
| 10/1/2025 22:30 | 2.136 | 2.182 | 2.451 | 3.252 | 2.128 | 3.897 | 62.08 | 65.680 | 65.318 | 60.883 | 62.726 | 65.509 | 31.750 | 28.900 |
| 10/1/2025 22:45 | 2.085 | 2.136 | 2.397 | 3.252 | 2.064 | 3.895 | 62.08 | 65.680 | 65.336 | 60.712 | 62.744 | 65.509 | 31.680 | 28.590 |
| 10/1/2025 23:00 | 2.042 | 2.087 | 2.328 | 3.256 | 2.019 | 3.895 | 62.08 | 65.680 | 65.210 | 60.539 | 62.780 | 65.509 | 31.650 | 28.490 |
| 10/1/2025 23:15 | 1.994 | 2.048 | 2.296 | 3.258 | 1.991 | 3.906 | 62.08 | 65.680 | 65.048 | 60.368 | 62.798 | 65.338 | 31.610 | 29.160 |
| 10/1/2025 23:30 | 1.961 | 2.008 | 2.257 | 3.263 | 1.953 | 3.912 | 62.08 | 65.680 | 64.868 | 60.195 | 62.834 | 65.338 | 31.520 | 28.330 |
| 10/1/2025 23:45 | 1.907 | 1.966 | 2.218 | 3.252 | 1.917 | 3.917 | 62.08 | 65.509 | 64.670 | 60.024 | 62.870 | 65.338 | 31.420 | 29.190 |
| 10/2/2025 0:00 | 1.872 | 1.925 | 2.189 | 3.260 | 1.882 | 3.903 | 62.08 | 65.509 | 64.454 | 59.851 | 62.888 | 65.338 | 31.640 | 27.210 |
| 10/2/2025 0:15 | 1.842 | 1.891 | 2.152 | 3.256 | 1.850 | 3.910 | 62.08 | 65.509 | 64.256 | 59.680 | 62.924 | 65.167 | 31.380 | 23.060 |
| 10/2/2025 0:30 | 1.813 | 1.860 | 2.122 | 3.262 | 1.818 | 3.907 | 62.08 | 65.509 | 64.058 | 59.508 | 62.924 | 65.167 | 31.190 | 22.950 |
| 10/2/2025 0:45 | 1.780 | 1.839 | 2.088 | 3.263 | 1.792 | 3.917 | 62.08 | 65.509 | 63.842 | 59.337 | 62.960 | 65.167 | 31.210 | 22.990 |
| 10/2/2025 1:00 | 1.745 | 1.808 | 2.072 | 3.262 | 1.764 | 3.920 | 62.25 | 65.509 | 63.626 | 59.164 | 62.978 | 65.167 | 31.310 | 22.530 |
| 10/2/2025 1:15 | 1.718 | 1.778 | 2.030 | 3.267 | 1.731 | 3.912 | 62.25 | 65.509 | 63.266 | 58.993 | 62.996 | 65.167 | 31.260 | 23.990 |
| 10/2/2025 1:30 | 1.693 | 1.757 | 2.001 | 3.275 | 1.708 | 3.908 | 62.25 | 65.509 | 62.870 | 58.820 | 63.014 | 64.996 | 31.270 | 23.290 |
| 10/2/2025 1:45 | 1.676 | 1.729 | 1.984 | 3.274 | 1.694 | 3.921 | 62.25 | 65.509 | 62.330 | 58.647 | 63.032 | 64.996 | 31.250 | 21.920 |
| 10/2/2025 2:00 | 1.639 | 1.701 | 1.961 | 3.267 | 1.667 | 3.932 | 62.25 | 65.509 | 61.682 | 58.476 | 63.050 | 64.996 | 31.230 | 20.090 |
| 10/2/2025 2:15 | 1.620 | 1.674 | 1.936 | 3.274 | 1.653 | 3.918 | 62.43 | 65.509 | 61.034 | 58.303 | 63.050 | 64.825 | 31.210 | 21.150 |
| 10/2/2025 2:30 | 1.604 | 1.655 | 1.914 | 3.274 | 1.618 | 3.910 | 62.43 | 65.509 | 60.512 | 58.303 | 63.068 | 64.825 | 31.240 | 15.950 |
| 10/2/2025 2:45 | 1.582 | 1.644 | 1.897 | 3.279 | 1.580 | 3.903 | 62.43 | 65.338 | 60.008 | 58.131 | 63.068 | 64.825 | 31.170 | 16.400 |
| 10/2/2025 3:00 | 1.560 | 1.619 | 1.857 | 3.280 | 1.564 | 3.916 | 62.43 | 65.338 | 59.540 | 57.958 | 63.086 | 64.825 | 31.190 | 13.860 |
| 10/2/2025 3:15 | 1.549 | 1.605 | 1.835 | 3.285 | 1.547 | 3.921 | 62.43 | 65.338 | 59.090 | 57.958 | 63.086 | 64.652 | 31.130 | 11.820 |
| 10/2/2025 3:30 | 1.524 | 1.588 | 1.823 | 3.270 | 1.530 | 3.918 | 62.43 | 65.338 | 58.604 | 57.785 | 63.104 | 64.652 | 31.150 | 9.950 |
| 10/2/2025 3:45 | 1.495 | 1.551 | 1.806 | 3.264 | 1.513 | 3.909 | 62.43 | 65.338 | 58.226 | 57.614 | 63.122 | 64.652 | 31.110 | 9.240 |
| 10/2/2025 4:00 | 1.488 | 1.552 | 1.782 | 3.260 | 1.500 | 3.888 | 62.60 | 65.338 | 57.758 | 57.614 | 63.140 | 64.652 | 31.160 | 9.570 |
| 10/2/2025 4:15 | 1.469 | 1.533 | 1.784 | 3.272 | 1.481 | 3.903 | 62.60 | 65.338 | 57.218 | 57.441 | 63.140 | 64.652 | 31.110 | 8.710 |
| 10/2/2025 4:30 | 1.455 | 1.523 | 1.760 | 3.270 | 1.468 | 3.903 | 62.60 | 65.167 | 56.804 | 57.441 | 63.158 | 64.481 | 31.100 | 7.120 |
| 10/2/2025 4:45 | 1.435 | 1.503 | 1.749 | 3.269 | 1.444 | 3.904 | 62.60 | 65.167 | 56.588 | 57.268 | 63.176 | 64.481 | 31.120 | 6.610 |
| 10/2/2025 5:00 | 1.433 | 1.493 | 1.721 | 3.277 | 1.437 | 3.900 | 62.60 | 65.167 | 56.354 | 57.096 | 63.176 | 64.481 | 31.130 | 5.840 |
| 10/2/2025 5:15 | 1.416 | 1.485 | 1.721 | 3.272 | 1.425 | 3.905 | 62.60 | 65.167 | 56.102 | 57.096 | 63.176 | 64.481 | 31.130 | 7.570 |
| 10/2/2025 5:30 | 1.401 | 1.465 | 1.711 | 3.272 | 1.408 | 3.907 | 62.60 | 64.996 | 55.868 | 56.923 | 63.194 | 64.481 | 31.100 | 6.470 |
| 10/2/2025 5:45 | 1.375 | 1.463 | 1.687 | 3.270 | 1.388 | 3.907 | 62.60 | 64.996 | 54.860 | 56.923 | 63.194 | 64.481 | 31.120 | 5.320 |
| 10/2/2025 6:00 | 1.412 | 1.472 | 1.678 | 3.270 | 1.402 | 3.901 | 62.60 | 64.996 | 54.608 | 56.750 | 63.212 | 64.481 | 31.020 | 6.060 |
| 10/2/2025 6:15 | 1.472 | 1.507 | 1.678 | 3.274 | 1.454 | 3.899 | 62.60 | 64.996 | 54.554 | 56.577 | 63.212 | 64.481 | 31.080 | 5.820 |
| 10/2/2025 6:30 | 1.519 | 1.564 | 1.709 | 3.270 | 1.517 | 3.913 | 62.60 | 64.825 | 54.860 | 56.577 | 63.194 | 64.310 | 31.030 | 6.580 |
| 10/2/2025 6:45 | 1.596 | 1.623 | 1.768 | 3.263 | 1.585 | 3.901 | 62.60 | 64.825 | 55.112 | 56.404 | 63.104 | 64.310 | 30.930 | 8.030 |
| 10/2/2025 7:00 | 1.698 | 1.721 | 1.827 | 3.262 | 1.672 | 3.891 | 62.43 | 64.652 | 56.192 | 56.404 | 62.870 | 64.310 | 30.850 | 11.790 |
| 10/2/2025 7:15 | 1.795 | 1.838 | 1.917 | 3.264 | 1.774 | 3.901 | 62.43 | 64.481 | 56.840 | 56.230 | 62.600 | 64.310 | 30.710 | 17.320 |
| 10/2/2025 7:30 | 1.905 | 1.952 | 2.024 | 3.266 | 1.859 | 3.899 | 62.43 | 64.139 | 56.642 | 56.057 | 61.880 | 64.310 | 30.410 | 15.460 |
| 10/2/2025 7:45 | 2.018 | 2.057 | 2.140 | 3.265 | 1.982 | 3.898 | 62.43 | 63.968 | 56.300 | 56.057 | 61.412 | 64.139 | 30.300 | 16.500 |
| 10/2/2025 8:00 | 2.102 | 2.150 | 2.256 | 3.238 | 2.065 | 3.899 | 61.23 | 63.797 | 57.848 | 55.884 | 60.800 | 64.139 | 30.500 | 17.790 |
| 10/2/2025 8:15 | 2.168 | 2.212 | 2.335 | 3.243 | 2.139 | 3.881 | 60.71 | 63.626 | 58.010 | 55.884 | 60.260 | 64.139 | 30.750 | 17.470 |
| 10/2/2025 8:30 | 2.197 | 2.294 | 2.437 | 3.238 | 2.198 | 3.872 | 60.37 | 63.282 | 58.316 | 55.884 | 59.828 | 64.310 | 31.060 | 17.050 |
| 10/2/2025 8:45 | 2.242 | 2.284 | 2.484 | 3.239 | 2.204 | 3.870 | 60.20 | 63.111 | 58.964 | 55.711 | 60.044 | 64.310 | 31.090 | 19.360 |
| 10/2/2025 9:00 | 2.188 | 2.239 | 2.474 | 3.237 | 2.159 | 3.871 | 60.02 | 62.940 | 59.324 | 55.711 | 60.044 | 64.310 | 31.090 | 19.340 |
| 10/2/2025 9:15 | 2.139 | 2.191 | 2.452 | 3.231 | 2.114 | 3.866 | 60.02 | 62.769 | 59.594 | 55.711 | 60.008 | 64.310 | 31.130 | 19.390 |
| 10/2/2025 9:30 | 2.068 | 2.133 | 2.393 | 3.231 | 2.076 | 3.876 | 60.20 | 62.769 | 59.846 | 55.711 | 60.008 | 64.481 | 31.130 | 19.750 |
| 10/2/2025 9:45 | 2.027 | 2.084 | 2.364 | 3.232 | 2.031 | 3.863 | 60.20 | 62.598 | 59.990 | 55.537 | 60.062 | 64.481 | 31.150 | 21.030 |
| 10/2/2025 10:00 | 1.968 | 2.022 | 2.329 | 3.227 | 1.976 | 3.873 | 60.37 | 62.598 | 60.098 | 55.537 | 60.080 | 64.481 | 31.160 | 22.120 |
| 10/2/2025 10:15 | 1.913 | 1.976 | 2.267 | 3.216 | 1.949 | 3.861 | 60.37 | 62.598 | 60.188 | 55.537 | 60.152 | 64.481 | 31.090 | 22.200 |
| 10/2/2025 10:30 | 1.877 | 1.949 | 2.236 | 3.235 | 1.917 | 3.862 | 60.54 | 62.425 | 60.242 | 55.537 | 60.242 | 64.652 | 31.120 | 21.860 |
| 10/2/2025 10:45 | 1.849 | 1.909 | 2.204 | 3.246 | 1.873 | 3.870 | 60.71 | 62.425 | 60.278 | 55.537 | 60.278 | 64.652 | 31.130 | 19.340 |
| 10/2/2025 11:00 | 1.807 | 1.864 | 2.146 | 3.234 | 1.812 | 3.884 | 60.88 | 62.598 | 60.332 | 55.537 | 60.350 | 64.652 | 31.090 | 21.100 |
| 10/2/2025 11:15 | 1.774 | 1.832 | 2.096 | 3.242 | 1.772 | 3.881 | 61.05 | 62.598 | 60.314 | 55.711 | 60.458 | 64.652 | 31.090 | 21.270 |
| 10/2/2025 11:30 | 1.741 | 1.800 | 2.058 | 3.240 | 1.744 | 3.884 | 61.23 | 62.598 | 60.296 | 55.711 | 60.512 | 64.825 | 31.060 | 22.130 |
| 10/2/2025 11:45 | 1.705 | 1.764 | 2.031 | 3.235 | 1.722 | 3.879 | 61.40 | 62.598 | 60.242 | 55.884 | 60.692 | 64.825 | 31.080 | 19.210 |
| 10/2/2025 12:00 | 1.666 | 1.725 | 1.999 | 3.220 | 1.692 | 3.877 | 61.57 | 62.769 | 60.188 | 56.057 | 60.980 | 64.825 | 31.040 | 20.830 |
| 10/2/2025 12:15 | 1.632 | 1.691 | 1.973 | 3.218 | 1.675 | 3.865 | 61.74 | 62.769 | 60.170 | 56.230 | 61.268 | 64.825 | 31.060 | 20.590 |
| 10/2/2025 12:30 | 1.614 | 1.670 | 1.954 | 3.220 | 1.654 | 3.859 | 61.91 | 62.940 | 60.170 | 56.404 | 61.538 | 64.996 | 31.040 | 19.620 |
| 10/2/2025 12:45 | 1.589 | 1.654 | 1.937 | 3.228 | 1.637 | 3.868 | 62.08 | 63.111 | 60.170 | 56.750 | 61.844 | 64.996 | 31.020 | 18.300 |
| 10/2/2025 13:00 | 1.565 | 1.629 | 1.913 | 3.216 | 1.609 | 3.871 | 62.25 | 63.111 | 60.206 | 56.923 | 62.150 | 65.167 | 31.000 | 18.040 |
| 10/2/2025 13:15 | 1.534 | 1.600 | 1.889 | 3.218 | 1.583 | 3.875 | 62.43 | 63.282 | 60.260 | 57.268 | 62.474 | 65.338 | 30.960 | 18.310 |
| 10/2/2025 13:30 | 1.515 | 1.573 | 1.859 | 3.219 | 1.579 | 3.868 | 62.60 | 63.455 | 60.350 | 57.614 | 62.780 | 65.338 | 31.000 | 18.270 |
| 10/2/2025 13:45 | 1.496 | 1.559 | 1.862 | 3.215 | 1.561 | 3.866 | 62.60 | 63.626 | 60.458 | 57.958 | 63.068 | 65.509 | 30.960 | 18.450 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/2/2025 14:00 | 1.478 | 1.545 | 1.840 | 3.217 | 1.526 | 3.875 | 62.77 | 63.797 | 60.566 | 58.303 | 63.230 | 65.680 | 30.890 | 17.440 |
| 10/2/2025 14:15 | 1.460 | 1.524 | 1.813 | 3.213 | 1.516 | 3.876 | 62.94 | 63.968 | 60.692 | 58.820 | 63.482 | 65.680 | 30.800 | 15.520 |
| 10/2/2025 14:30 | 1.448 | 1.516 | 1.793 | 3.225 | 1.498 | 3.871 | 63.11 | 64.139 | 60.836 | 59.164 | 63.716 | 65.851 | 30.780 | 11.180 |
| 10/2/2025 14:45 | 1.436 | 1.509 | 1.783 | 3.223 | 1.479 | 3.882 | 63.11 | 64.310 | 60.980 | 59.508 | 63.896 | 65.851 | 30.710 | 10.260 |
| 10/2/2025 15:00 | 1.415 | 1.486 | 1.763 | 3.220 | 1.473 | 3.886 | 63.28 | 64.481 | 61.088 | 60.024 | 64.094 | 65.851 | 30.700 | 8.530 |
| 10/2/2025 15:15 | 1.402 | 1.476 | 1.760 | 3.216 | 1.453 | 3.881 | 63.46 | 64.481 | 61.124 | 60.368 | 64.184 | 65.851 | 30.620 | 7.670 |
| 10/2/2025 15:30 | 1.398 | 1.468 | 1.742 | 3.221 | 1.445 | 3.887 | 63.46 | 64.652 | 61.142 | 60.712 | 64.274 | 66.022 | 30.530 | 7.760 |
| 10/2/2025 15:45 | 1.379 | 1.450 | 1.736 | 3.217 | 1.418 | 3.884 | 63.63 | 64.825 | 61.178 | 61.227 | 64.382 | 66.022 | 30.450 | 7.980 |
| 10/2/2025 16:00 | 1.373 | 1.443 | 1.708 | 3.221 | 1.405 | 3.888 | 64.14 | 64.996 | 61.142 | 61.398 | 64.454 | 66.022 | 30.510 | 7.290 |
| 10/2/2025 16:15 | 1.351 | 1.429 | 1.691 | 3.216 | 1.391 | 3.892 | 64.31 | 65.167 | 60.944 | 61.741 | 64.526 | 66.022 | 30.470 | 4.910 |
| 10/2/2025 16:30 | 1.353 | 1.423 | 1.678 | 3.225 | 1.380 | 3.886 | 64.65 | 65.338 | 60.710 | 61.912 | 64.616 | 66.193 | 30.520 | 4.480 |
| 10/2/2025 16:45 | 1.326 | 1.405 | 1.669 | 3.211 | 1.372 | 3.906 | 64.48 | 65.509 | 60.458 | 62.083 | 64.742 | 66.193 | 30.490 | 4.210 |
| 10/2/2025 17:00 | 1.317 | 1.396 | 1.659 | 3.214 | 1.355 | 3.891 | 64.65 | 65.680 | 60.152 | 62.254 | 64.814 | 66.193 | 30.500 | 3.990 |
| 10/2/2025 17:15 | 1.308 | 1.387 | 1.657 | 3.217 | 1.354 | 3.889 | 64.65 | 65.680 | 59.792 | 62.425 | 64.886 | 66.193 | 30.500 | 3.960 |
| 10/2/2025 17:30 | 1.304 | 1.389 | 1.651 | 3.218 | 1.351 | 3.892 | 64.65 | 65.851 | 59.324 | 62.425 | 64.886 | 66.193 | 30.470 | 3.830 |
| 10/2/2025 17:45 | 1.337 | 1.393 | 1.643 | 3.215 | 1.383 | 3.900 | 64.65 | 65.851 | 58.928 | 62.425 | 64.904 | 66.193 | 30.460 | 3.760 |
| 10/2/2025 18:00 | 1.392 | 1.412 | 1.657 | 3.219 | 1.419 | 3.894 | 64.48 | 65.851 | 58.694 | 62.425 | 64.922 | 66.193 | 30.400 | 3.470 |
| 10/2/2025 18:15 | 1.467 | 1.478 | 1.679 | 3.219 | 1.486 | 3.896 | 64.48 | 65.851 | 58.586 | 62.254 | 64.958 | 66.022 | 30.290 | 3.570 |
| 10/2/2025 18:30 | 1.596 | 1.562 | 1.714 | 3.218 | 1.604 | 3.901 | 64.31 | 65.851 | 58.532 | 62.254 | 64.922 | 66.022 | 30.210 | 4.870 |
| 10/2/2025 18:45 | 1.748 | 1.717 | 1.809 | 3.228 | 1.728 | 3.903 | 64.14 | 65.509 | 58.604 | 62.254 | 64.310 | 65.851 | 29.480 | 9.830 |
| 10/2/2025 19:00 | 1.970 | 1.924 | 1.955 | 3.224 | 1.934 | 3.916 | 64.14 | 65.338 | 58.982 | 62.083 | 63.932 | 65.680 | 28.940 | 11.910 |
| 10/2/2025 19:15 | 2.239 | 2.193 | 2.162 | 3.221 | 2.200 | 3.912 | 63.97 | 65.167 | 58.496 | 62.083 | 63.824 | 65.680 | 29.260 | 11.730 |
| 10/2/2025 19:30 | 2.513 | 2.480 | 2.434 | 3.223 | 2.462 | 3.901 | 62.60 | 64.996 | 60.080 | 61.912 | 62.654 | 65.509 | 30.530 | 16.420 |
| 10/2/2025 19:45 | 2.762 | 2.747 | 2.720 | 3.217 | 2.750 | 3.915 | 62.08 | 64.825 | 60.638 | 61.741 | 62.024 | 65.338 | 31.150 | 17.610 |
| 10/2/2025 20:00 | 2.938 | 2.983 | 2.982 | 3.228 | 2.957 | 3.913 | 61.91 | 64.481 | 61.394 | 61.741 | 61.772 | 65.338 | 31.450 | 17.180 |
| 10/2/2025 20:15 | 3.135 | 3.137 | 3.211 | 3.242 | 3.115 | 3.919 | 61.74 | 63.797 | 62.402 | 61.569 | 61.772 | 65.167 | 31.530 | 19.930 |
| 10/2/2025 20:30 | 3.140 | 3.192 | 3.399 | 3.356 | 3.125 | 3.914 | 61.74 | 63.282 | 62.672 | 61.398 | 61.484 | 65.167 | 31.730 | 18.980 |
| 10/2/2025 20:45 | 3.089 | 3.136 | 3.458 | 3.391 | 3.074 | 3.908 | 61.57 | 63.282 | 62.708 | 61.227 | 61.448 | 64.996 | 31.770 | 25.360 |
| 10/2/2025 21:00 | 3.003 | 3.054 | 3.379 | 3.343 | 2.997 | 3.910 | 61.74 | 63.282 | 62.708 | 61.054 | 61.340 | 64.996 | 31.740 | 22.410 |
| 10/2/2025 21:15 | 2.881 | 2.926 | 3.289 | 3.309 | 2.867 | 3.897 | 61.57 | 63.455 | 62.708 | 60.883 | 61.286 | 64.825 | 31.640 | 24.570 |
| 10/2/2025 21:30 | 2.727 | 2.796 | 3.168 | 3.278 | 2.744 | 3.892 | 61.57 | 63.626 | 62.636 | 60.883 | 61.304 | 64.825 | 31.680 | 24.550 |
| 10/2/2025 21:45 | 2.619 | 2.684 | 3.043 | 3.266 | 2.624 | 3.892 | 61.40 | 63.626 | 62.780 | 60.712 | 61.304 | 64.825 | 31.610 | 26.330 |
| 10/2/2025 22:00 | 2.517 | 2.574 | 2.932 | 3.258 | 2.525 | 3.888 | 61.40 | 63.626 | 62.780 | 60.539 | 61.304 | 64.652 | 31.660 | 25.150 |
| 10/2/2025 22:15 | 2.435 | 2.487 | 2.828 | 3.255 | 2.439 | 3.881 | 61.23 | 63.626 | 62.762 | 60.368 | 61.304 | 64.652 | 31.600 | 21.850 |
| 10/2/2025 22:30 | 2.351 | 2.413 | 2.735 | 3.253 | 2.361 | 3.894 | 61.23 | 63.626 | 62.744 | 60.195 | 61.358 | 64.652 | 31.330 | 23.600 |
| 10/2/2025 22:45 | 2.275 | 2.330 | 2.657 | 3.246 | 2.287 | 3.901 | 61.40 | 63.626 | 62.762 | 60.024 | 61.376 | 64.652 | 31.580 | 27.550 |
| 10/2/2025 23:00 | 2.205 | 2.263 | 2.585 | 3.244 | 2.236 | 3.892 | 61.23 | 63.626 | 62.762 | 59.851 | 61.394 | 64.652 | 31.720 | 27.480 |
| 10/2/2025 23:15 | 2.157 | 2.213 | 2.524 | 3.243 | 2.168 | 3.889 | 61.23 | 63.626 | 62.762 | 59.680 | 61.412 | 64.481 | 31.360 | 27.320 |
| 10/2/2025 23:30 | 2.109 | 2.163 | 2.469 | 3.253 | 2.128 | 3.886 | 61.23 | 63.626 | 62.708 | 59.508 | 61.412 | 64.481 | 31.490 | 27.190 |
| 10/2/2025 23:45 | 2.036 | 2.104 | 2.416 | 3.239 | 2.069 | 3.896 | 61.23 | 63.626 | 62.636 | 59.337 | 61.430 | 64.481 | 31.430 | 27.070 |
| 10/3/2025 0:00 | 2.004 | 2.057 | 2.354 | 3.249 | 2.023 | 3.888 | 61.23 | 63.626 | 62.528 | 59.164 | 61.430 | 64.481 | 31.270 | 26.950 |
| 10/3/2025 0:15 | 1.958 | 2.016 | 2.321 | 3.245 | 1.985 | 3.887 | 61.40 | 63.626 | 62.402 | 58.993 | 61.448 | 64.481 | 31.120 | 26.840 |
| 10/3/2025 0:30 | 1.923 | 1.977 | 2.267 | 3.253 | 1.943 | 3.883 | 61.40 | 63.455 | 62.258 | 58.820 | 61.466 | 64.310 | 31.120 | 26.730 |
| 10/3/2025 0:45 | 1.878 | 1.933 | 2.233 | 3.250 | 1.911 | 3.896 | 61.40 | 63.455 | 62.078 | 58.647 | 61.466 | 64.310 | 31.010 | 26.570 |
| 10/3/2025 1:00 | 1.847 | 1.904 | 2.202 | 3.254 | 1.881 | 3.886 | 61.40 | 63.455 | 61.898 | 58.476 | 61.484 | 64.310 | 31.010 | 25.940 |
| 10/3/2025 1:15 | 1.809 | 1.871 | 2.170 | 3.247 | 1.856 | 3.899 | 61.40 | 63.455 | 61.754 | 58.303 | 61.484 | 64.310 | 31.070 | 25.380 |
| 10/3/2025 1:30 | 1.775 | 1.838 | 2.138 | 3.248 | 1.819 | 3.901 | 61.40 | 63.455 | 61.628 | 58.131 | 61.484 | 64.310 | 31.020 | 25.020 |
| 10/3/2025 1:45 | 1.752 | 1.815 | 2.097 | 3.251 | 1.791 | 3.895 | 61.40 | 63.455 | 61.466 | 57.958 | 61.502 | 64.310 | 31.010 | 24.810 |
| 10/3/2025 2:00 | 1.716 | 1.782 | 2.076 | 3.252 | 1.757 | 3.896 | 61.23 | 63.455 | 61.268 | 57.785 | 61.520 | 64.310 | 30.950 | 20.570 |
| 10/3/2025 2:15 | 1.696 | 1.751 | 2.046 | 3.257 | 1.724 | 3.898 | 61.23 | 63.455 | 61.034 | 57.614 | 61.520 | 64.310 | 30.980 | 20.240 |
| 10/3/2025 2:30 | 1.661 | 1.721 | 2.009 | 3.245 | 1.687 | 3.885 | 61.23 | 63.455 | 60.764 | 57.268 | 61.538 | 64.139 | 30.930 | 19.950 |
| 10/3/2025 2:45 | 1.642 | 1.702 | 1.975 | 3.253 | 1.659 | 3.879 | 61.40 | 63.455 | 60.458 | 57.268 | 61.556 | 64.139 | 30.950 | 19.870 |
| 10/3/2025 3:00 | 1.611 | 1.672 | 1.933 | 3.245 | 1.639 | 3.880 | 61.40 | 63.455 | 60.188 | 57.096 | 61.556 | 64.139 | 30.670 | 22.470 |
| 10/3/2025 3:15 | 1.597 | 1.650 | 1.918 | 3.250 | 1.622 | 3.873 | 61.40 | 63.282 | 59.864 | 56.923 | 61.574 | 64.139 | 30.860 | 18.220 |
| 10/3/2025 3:30 | 1.565 | 1.631 | 1.899 | 3.245 | 1.600 | 3.875 | 61.40 | 63.282 | 59.540 | 56.750 | 61.574 | 64.139 | 30.800 | 15.810 |
| 10/3/2025 3:45 | 1.543 | 1.605 | 1.878 | 3.245 | 1.574 | 3.875 | 61.40 | 63.282 | 59.126 | 56.577 | 61.592 | 64.139 | 30.810 | 13.480 |
| 10/3/2025 4:00 | 1.522 | 1.589 | 1.855 | 3.244 | 1.559 | 3.875 | 61.40 | 63.282 | 58.676 | 56.577 | 61.610 | 63.968 | 30.820 | 11.940 |
| 10/3/2025 4:15 | 1.511 | 1.574 | 1.846 | 3.248 | 1.534 | 3.871 | 61.57 | 63.282 | 58.172 | 56.404 | 61.628 | 63.968 | 30.760 | 10.940 |
| 10/3/2025 4:30 | 1.486 | 1.553 | 1.819 | 3.254 | 1.529 | 3.887 | 61.57 | 63.282 | 57.686 | 56.404 | 61.646 | 63.968 | 30.770 | 10.180 |
| 10/3/2025 4:45 | 1.473 | 1.537 | 1.807 | 3.252 | 1.492 | 3.888 | 61.57 | 63.282 | 57.290 | 56.230 | 61.664 | 63.968 | 30.770 | 10.840 |
| 10/3/2025 5:00 | 1.462 | 1.523 | 1.773 | 3.257 | 1.482 | 3.884 | 61.57 | 63.282 | 56.948 | 56.230 | 61.664 | 63.968 | 30.860 | 9.560 |
| 10/3/2025 5:15 | 1.439 | 1.504 | 1.761 | 3.249 | 1.470 | 3.885 | 61.57 | 63.282 | 56.588 | 56.057 | 61.682 | 63.968 | 30.640 | 9.200 |
| 10/3/2025 5:30 | 1.431 | 1.496 | 1.740 | 3.253 | 1.463 | 3.882 | 61.57 | 63.111 | 56.372 | 56.057 | 61.682 | 63.968 | 30.570 | 9.900 |
| 10/3/2025 5:45 | 1.414 | 1.483 | 1.743 | 3.254 | 1.445 | 3.886 | 61.57 | 63.111 | 56.120 | 55.884 | 61.700 | 63.797 | 30.680 | 9.520 |
| 10/3/2025 6:00 | 1.399 | 1.469 | 1.726 | 3.259 | 1.443 | 3.887 | 61.57 | 63.111 | 55.796 | 55.884 | 61.700 | 63.797 | 30.690 | 8.190 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/3/2025 6:15 | 1.385 | 1.470 | 1.720 | 3.252 | 1.412 | 3.885 | 61.57 | 63.111 | 55.454 | 55.711 | 61.700 | 63.797 | 30.730 | 8.870 |
| 10/3/2025 6:30 | 1.376 | 1.458 | 1.720 | 3.255 | 1.408 | 3.890 | 61.57 | 62.940 | 54.428 | 55.711 | 61.718 | 63.797 | 30.710 | 6.730 |
| 10/3/2025 6:45 | 1.359 | 1.449 | 1.702 | 3.261 | 1.388 | 3.894 | 61.57 | 62.940 | 54.068 | 55.537 | 61.718 | 63.797 | 30.670 | 5.900 |
| 10/3/2025 7:00 | 1.364 | 1.435 | 1.689 | 3.266 | 1.390 | 3.889 | 61.57 | 62.940 | 53.618 | 55.537 | 61.718 | 63.797 | 30.660 | 5.310 |
| 10/3/2025 7:15 | 1.390 | 1.451 | 1.674 | 3.263 | 1.390 | 3.889 | 61.57 | 62.769 | 53.078 | 55.364 | 61.700 | 63.626 | 30.620 | 5.170 |
| 10/3/2025 7:30 | 1.441 | 1.490 | 1.677 | 3.267 | 1.424 | 3.891 | 61.57 | 62.769 | 52.880 | 55.364 | 61.700 | 63.626 | 30.630 | 5.120 |
| 10/3/2025 7:45 | 1.518 | 1.530 | 1.711 | 3.268 | 1.490 | 3.891 | 61.57 | 62.769 | 53.276 | 55.189 | 61.718 | 63.626 | 30.590 | 6.060 |
| 10/3/2025 8:00 | 1.577 | 1.602 | 1.753 | 3.252 | 1.563 | 3.890 | 61.57 | 62.598 | 53.546 | 55.189 | 61.682 | 63.797 | 30.580 | 7.660 |
| 10/3/2025 8:15 | 1.681 | 1.691 | 1.822 | 3.246 | 1.676 | 3.875 | 61.57 | 62.425 | 54.644 | 55.189 | 61.592 | 63.797 | 30.440 | 11.830 |
| 10/3/2025 8:30 | 1.779 | 1.796 | 1.926 | 3.232 | 1.777 | 3.864 | 61.74 | 62.254 | 55.382 | 55.189 | 61.394 | 63.797 | 30.370 | 19.220 |
| 10/3/2025 8:45 | 1.870 | 1.899 | 2.029 | 3.232 | 1.880 | 3.858 | 61.74 | 62.083 | 55.202 | 55.189 | 60.638 | 63.797 | 30.220 | 17.910 |
| 10/3/2025 9:00 | 1.956 | 1.998 | 2.166 | 3.227 | 1.970 | 3.851 | 61.57 | 61.912 | 54.896 | 55.017 | 60.224 | 63.797 | 30.060 | 18.080 |
| 10/3/2025 9:15 | 2.034 | 2.081 | 2.247 | 3.222 | 2.056 | 3.855 | 60.71 | 61.741 | 56.282 | 55.017 | 59.954 | 63.968 | 30.390 | 19.110 |
| 10/3/2025 9:30 | 2.109 | 2.113 | 2.337 | 3.228 | 2.117 | 3.858 | 60.37 | 61.569 | 56.534 | 55.017 | 59.846 | 63.968 | 30.570 | 19.000 |
| 10/3/2025 9:45 | 2.080 | 2.122 | 2.415 | 3.222 | 2.087 | 3.853 | 60.37 | 61.398 | 56.840 | 55.017 | 59.972 | 63.968 | 30.550 | 19.810 |
| 10/3/2025 10:00 | 2.033 | 2.092 | 2.402 | 3.223 | 2.063 | 3.855 | 60.37 | 61.227 | 57.290 | 55.017 | 59.972 | 64.139 | 30.600 | 19.690 |
| 10/3/2025 10:15 | 1.995 | 2.059 | 2.353 | 3.233 | 2.029 | 3.861 | 60.54 | 61.227 | 57.614 | 55.189 | 60.026 | 64.139 | 30.600 | 19.870 |
| 10/3/2025 10:30 | 1.946 | 2.018 | 2.316 | 3.238 | 1.965 | 3.873 | 60.71 | 61.227 | 57.830 | 55.189 | 60.062 | 64.139 | 30.560 | 19.450 |
| 10/3/2025 10:45 | 1.905 | 1.963 | 2.263 | 3.237 | 1.922 | 3.879 | 60.71 | 61.227 | 57.956 | 55.189 | 60.098 | 64.139 | 30.670 | 17.650 |
| 10/3/2025 11:00 | 1.859 | 1.922 | 2.207 | 3.230 | 1.870 | 3.871 | 60.88 | 61.227 | 58.046 | 55.189 | 60.152 | 64.310 | 30.610 | 17.720 |
| 10/3/2025 11:15 | 1.817 | 1.888 | 2.163 | 3.239 | 1.831 | 3.869 | 61.05 | 61.227 | 58.100 | 55.364 | 60.224 | 64.310 | 30.650 | 17.510 |
| 10/3/2025 11:30 | 1.778 | 1.842 | 2.119 | 3.232 | 1.799 | 3.878 | 61.23 | 61.227 | 58.136 | 55.364 | 60.332 | 64.310 | 30.600 | 15.620 |
| 10/3/2025 11:45 | 1.738 | 1.799 | 2.090 | 3.224 | 1.769 | 3.871 | 61.23 | 61.227 | 58.172 | 55.537 | 60.476 | 64.481 | 30.580 | 14.940 |
| 10/3/2025 12:00 | 1.706 | 1.768 | 2.060 | 3.220 | 1.747 | 3.859 | 61.40 | 61.398 | 58.154 | 55.711 | 60.710 | 64.481 | 30.640 | 14.580 |
| 10/3/2025 12:15 | 1.672 | 1.734 | 2.023 | 3.218 | 1.715 | 3.852 | 61.57 | 61.398 | 58.172 | 55.884 | 60.926 | 64.481 | 30.580 | 14.620 |
| 10/3/2025 12:30 | 1.645 | 1.712 | 1.998 | 3.227 | 1.678 | 3.856 | 61.74 | 61.569 | 58.208 | 56.230 | 61.160 | 64.652 | 30.620 | 15.300 |
| 10/3/2025 12:45 | 1.614 | 1.682 | 1.968 | 3.217 | 1.672 | 3.860 | 61.74 | 61.569 | 58.280 | 56.404 | 61.430 | 64.652 | 30.640 | 15.330 |
| 10/3/2025 13:00 | 1.589 | 1.654 | 1.958 | 3.221 | 1.657 | 3.859 | 61.91 | 61.741 | 58.388 | 56.750 | 61.700 | 64.825 | 30.620 | 15.160 |
| 10/3/2025 13:15 | 1.558 | 1.620 | 1.930 | 3.212 | 1.619 | 3.858 | 62.08 | 61.912 | 58.532 | 57.096 | 61.988 | 64.825 | 30.600 | 15.190 |
| 10/3/2025 13:30 | 1.533 | 1.600 | 1.899 | 3.208 | 1.601 | 3.848 | 62.08 | 62.083 | 58.694 | 57.441 | 62.258 | 64.996 | 30.620 | 15.490 |
| 10/3/2025 13:45 | 1.535 | 1.595 | 1.878 | 3.223 | 1.595 | 3.858 | 62.25 | 62.254 | 58.910 | 57.785 | 62.492 | 64.996 | 30.630 | 15.220 |
| 10/3/2025 14:00 | 1.520 | 1.585 | 1.875 | 3.225 | 1.576 | 3.869 | 62.43 | 62.425 | 59.180 | 58.131 | 62.726 | 65.167 | 30.590 | 15.300 |
| 10/3/2025 14:15 | 1.490 | 1.562 | 1.858 | 3.220 | 1.551 | 3.874 | 62.60 | 62.598 | 59.504 | 58.647 | 62.906 | 65.167 | 30.620 | 14.780 |
| 10/3/2025 14:30 | 1.480 | 1.543 | 1.825 | 3.217 | 1.523 | 3.863 | 62.60 | 62.769 | 59.864 | 58.993 | 63.122 | 65.167 | 30.570 | 13.570 |
| 10/3/2025 14:45 | 1.462 | 1.526 | 1.811 | 3.221 | 1.514 | 3.867 | 62.77 | 62.940 | 60.278 | 59.508 | 63.338 | 65.338 | 30.580 | 10.790 |
| 10/3/2025 15:00 | 1.437 | 1.509 | 1.796 | 3.220 | 1.505 | 3.877 | 62.94 | 63.111 | 60.656 | 59.851 | 63.554 | 65.338 | 30.580 | 9.140 |
| 10/3/2025 15:15 | 1.411 | 1.486 | 1.781 | 3.204 | 1.471 | 3.868 | 63.11 | 63.111 | 60.980 | 60.368 | 63.734 | 65.338 | 30.540 | 6.450 |
| 10/3/2025 15:30 | 1.406 | 1.474 | 1.753 | 3.200 | 1.460 | 3.865 | 63.28 | 63.455 | 61.268 | 60.712 | 63.824 | 65.509 | 30.510 | 5.940 |
| 10/3/2025 15:45 | 1.397 | 1.461 | 1.739 | 3.208 | 1.456 | 3.868 | 63.46 | 63.626 | 61.376 | 61.227 | 63.932 | 65.509 | 30.370 | 5.570 |
| 10/3/2025 16:00 | 1.383 | 1.452 | 1.731 | 3.211 | 1.436 | 3.870 | 63.63 | 63.797 | 61.502 | 61.569 | 64.022 | 65.509 | 30.460 | 5.970 |
| 10/3/2025 16:15 | 1.359 | 1.440 | 1.705 | 3.200 | 1.407 | 3.873 | 63.80 | 63.968 | 61.574 | 61.912 | 64.094 | 65.680 | 30.410 | 5.480 |
| 10/3/2025 16:30 | 1.342 | 1.431 | 1.702 | 3.202 | 1.401 | 3.864 | 63.97 | 64.139 | 61.592 | 62.083 | 64.166 | 65.680 | 30.420 | 5.510 |
| 10/3/2025 16:45 | 1.341 | 1.414 | 1.690 | 3.207 | 1.385 | 3.877 | 64.14 | 64.139 | 61.646 | 62.425 | 64.256 | 65.680 | 30.390 | 3.730 |
| 10/3/2025 17:00 | 1.320 | 1.406 | 1.681 | 3.202 | 1.372 | 3.876 | 64.14 | 64.310 | 61.574 | 62.598 | 64.292 | 65.680 | 30.370 | 3.460 |
| 10/3/2025 17:15 | 1.308 | 1.402 | 1.668 | 3.203 | 1.360 | 3.876 | 64.14 | 64.310 | 61.466 | 62.769 | 64.328 | 65.851 | 30.340 | 3.290 |
| 10/3/2025 17:30 | 1.301 | 1.392 | 1.657 | 3.204 | 1.343 | 3.868 | 64.14 | 64.481 | 61.304 | 62.769 | 64.328 | 65.851 | 30.320 | 3.160 |
| 10/3/2025 17:45 | 1.295 | 1.391 | 1.651 | 3.211 | 1.349 | 3.870 | 63.97 | 64.481 | 61.124 | 62.769 | 64.310 | 65.851 | 30.310 | 3.080 |
| 10/3/2025 18:00 | 1.286 | 1.372 | 1.650 | 3.207 | 1.346 | 3.884 | 63.80 | 64.652 | 60.890 | 62.940 | 64.292 | 65.851 | 30.300 | 3.370 |
| 10/3/2025 18:15 | 1.273 | 1.371 | 1.646 | 3.202 | 1.325 | 3.883 | 63.80 | 64.652 | 60.656 | 62.940 | 64.256 | 65.851 | 30.280 | 3.590 |
| 10/3/2025 18:30 | 1.298 | 1.365 | 1.644 | 3.208 | 1.354 | 3.871 | 63.63 | 64.481 | 60.422 | 62.940 | 64.238 | 65.851 | 30.220 | 3.660 |
| 10/3/2025 18:45 | 1.330 | 1.400 | 1.640 | 3.213 | 1.377 | 3.874 | 63.63 | 64.481 | 60.044 | 62.940 | 64.238 | 65.851 | 30.150 | 3.610 |
| 10/3/2025 19:00 | 1.444 | 1.446 | 1.645 | 3.215 | 1.455 | 3.882 | 63.63 | 64.481 | 59.648 | 62.769 | 64.256 | 65.851 | 30.180 | 3.440 |
| 10/3/2025 19:15 | 1.511 | 1.556 | 1.700 | 3.207 | 1.569 | 3.874 | 63.63 | 64.481 | 59.432 | 62.769 | 64.292 | 65.680 | 30.100 | 4.200 |
| 10/3/2025 19:30 | 1.787 | 1.735 | 1.783 | 3.209 | 1.779 | 3.873 | 63.80 | 64.310 | 59.216 | 62.598 | 64.418 | 65.680 | 30.000 | 7.120 |
| 10/3/2025 19:45 | 2.168 | 2.019 | 1.970 | 3.210 | 2.049 | 3.860 | 63.97 | 64.139 | 59.288 | 62.598 | 64.670 | 65.509 | 29.850 | 9.970 |
| 10/3/2025 20:00 | 2.523 | 2.376 | 2.251 | 3.209 | 2.395 | 3.857 | 62.94 | 63.968 | 59.396 | 62.425 | 64.652 | 65.338 | 29.780 | 10.670 |
| 10/3/2025 20:15 | 2.768 | 2.729 | 2.609 | 3.213 | 2.769 | 3.868 | 62.08 | 63.968 | 60.440 | 62.425 | 64.076 | 65.338 | 29.730 | 15.750 |
| 10/3/2025 20:30 | 3.147 | 3.080 | 2.978 | 3.221 | 3.073 | 3.863 | 61.74 | 64.139 | 60.998 | 62.254 | 63.446 | 65.167 | 29.800 | 17.170 |
| 10/3/2025 20:45 | 3.389 | 3.356 | 3.335 | 3.341 | 3.356 | 3.868 | 61.57 | 63.626 | 62.312 | 62.083 | 62.924 | 65.167 | 30.030 | 20.200 |
| 10/3/2025 21:00 | 3.588 | 3.536 | 3.613 | 3.579 | 3.495 | 3.865 | 61.40 | 62.769 | 62.780 | 61.912 | 62.420 | 64.996 | 30.140 | 22.330 |
| 10/3/2025 21:15 | 3.534 | 3.617 | 3.787 | 3.746 | 3.589 | 3.866 | 61.40 | 62.425 | 63.086 | 61.398 | 62.060 | 64.996 | 30.100 | 23.050 |
| 10/3/2025 21:30 | 3.567 | 3.611 | 3.850 | 3.795 | 3.526 | 3.868 | 61.23 | 62.254 | 63.860 | 61.569 | 61.808 | 64.996 | 30.150 | 28.420 |
| 10/3/2025 21:45 | 3.446 | 3.528 | 3.852 | 3.754 | 3.467 | 3.870 | 61.23 | 62.254 | 63.140 | 61.569 | 61.646 | 64.996 | 30.300 | 29.060 |
| 10/3/2025 22:00 | 3.292 | 3.407 | 3.790 | 3.666 | 3.328 | 3.868 | 61.05 | 62.425 | 62.654 | 61.569 | 61.448 | 64.825 | 30.430 | 30.070 |
| 10/3/2025 22:15 | 3.151 | 3.232 | 3.652 | 3.558 | 3.153 | 3.861 | 61.23 | 62.769 | 62.672 | 61.569 | 61.340 | 64.825 | 30.570 | 30.100 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/3/2025 22:30 | 2.977 | 3.075 | 3.466 | 3.457 | 2.995 | 3.862 | 61.23 | 62.940 | 63.032 | 61.569 | 61.232 | 64.825 | 30.630 | 26.320 |
| 10/3/2025 22:45 | 2.835 | 2.930 | 3.306 | 3.392 | 2.840 | 3.870 | 61.05 | 62.940 | 63.104 | 61.569 | 61.178 | 64.825 | 30.690 | 25.260 |
| 10/3/2025 23:00 | 2.697 | 2.783 | 3.147 | 3.353 | 2.712 | 3.871 | 61.23 | 62.940 | 62.834 | 61.569 | 61.142 | 64.825 | 30.700 | 25.200 |
| 10/3/2025 23:15 | 2.584 | 2.662 | 3.016 | 3.330 | 2.590 | 3.874 | 61.23 | 62.940 | 62.384 | 61.398 | 61.178 | 64.825 | 30.700 | 29.880 |
| 10/3/2025 23:30 | 2.482 | 2.559 | 2.886 | 3.315 | 2.489 | 3.868 | 61.23 | 62.940 | 62.294 | 61.398 | 61.232 | 64.652 | 30.730 | 30.470 |
| 10/3/2025 23:45 | 2.392 | 2.456 | 2.783 | 3.304 | 2.394 | 3.876 | 61.23 | 62.940 | 62.258 | 61.227 | 61.268 | 64.652 | 30.770 | 30.560 |
| 10/4/2025 0:00 | 2.308 | 2.383 | 2.694 | 3.292 | 2.322 | 3.873 | 61.05 | 62.940 | 62.276 | 61.227 | 61.304 | 64.652 | 30.790 | 30.320 |
| 10/4/2025 0:15 | 2.244 | 2.313 | 2.608 | 3.282 | 2.242 | 3.869 | 61.05 | 62.940 | 62.186 | 61.054 | 61.340 | 64.652 | 30.780 | 29.160 |
| 10/4/2025 0:30 | 2.173 | 2.237 | 2.534 | 3.271 | 2.183 | 3.868 | 61.05 | 62.940 | 62.078 | 61.054 | 61.358 | 64.652 | 30.760 | 28.370 |
| 10/4/2025 0:45 | 2.105 | 2.171 | 2.468 | 3.247 | 2.109 | 3.865 | 61.05 | 62.940 | 61.970 | 60.883 | 61.376 | 64.652 | 30.770 | 28.240 |
| 10/4/2025 1:00 | 2.059 | 2.130 | 2.395 | 3.255 | 2.075 | 3.864 | 61.05 | 62.940 | 61.862 | 60.883 | 61.376 | 64.481 | 30.760 | 30.060 |
| 10/4/2025 1:15 | 2.011 | 2.071 | 2.353 | 3.250 | 2.028 | 3.872 | 61.05 | 62.940 | 61.682 | 60.712 | 61.394 | 64.481 | 30.760 | 27.700 |
| 10/4/2025 1:30 | 1.972 | 2.038 | 2.305 | 3.250 | 1.988 | 3.871 | 61.05 | 62.940 | 61.484 | 60.712 | 61.394 | 64.481 | 30.760 | 27.410 |
| 10/4/2025 1:45 | 1.925 | 1.987 | 2.260 | 3.238 | 1.945 | 3.879 | 61.05 | 62.769 | 61.250 | 60.539 | 61.394 | 64.481 | 30.740 | 27.150 |
| 10/4/2025 2:00 | 1.894 | 1.950 | 2.223 | 3.247 | 1.898 | 3.875 | 61.05 | 62.769 | 60.980 | 60.539 | 61.412 | 64.310 | 30.750 | 26.610 |
| 10/4/2025 2:15 | 1.852 | 1.917 | 2.183 | 3.244 | 1.862 | 3.869 | 61.05 | 62.769 | 60.728 | 60.368 | 61.430 | 64.310 | 30.720 | 23.540 |
| 10/4/2025 2:30 | 1.817 | 1.883 | 2.140 | 3.244 | 1.835 | 3.871 | 61.05 | 62.769 | 60.512 | 60.368 | 61.430 | 64.310 | 30.750 | 21.690 |
| 10/4/2025 2:45 | 1.781 | 1.844 | 2.115 | 3.243 | 1.788 | 3.874 | 61.05 | 62.769 | 60.332 | 60.195 | 61.430 | 64.310 | 30.740 | 19.900 |
| 10/4/2025 3:00 | 1.753 | 1.813 | 2.068 | 3.242 | 1.772 | 3.871 | 61.05 | 62.769 | 60.152 | 60.195 | 61.430 | 64.310 | 30.730 | 19.460 |
| 10/4/2025 3:15 | 1.727 | 1.788 | 2.057 | 3.239 | 1.732 | 3.872 | 61.05 | 62.769 | 59.972 | 60.024 | 61.430 | 64.139 | 30.670 | 18.630 |
| 10/4/2025 3:30 | 1.700 | 1.762 | 2.007 | 3.244 | 1.721 | 3.871 | 61.05 | 62.769 | 59.702 | 60.024 | 61.430 | 64.139 | 30.660 | 17.670 |
| 10/4/2025 3:45 | 1.666 | 1.720 | 1.996 | 3.240 | 1.693 | 3.872 | 61.05 | 62.769 | 59.414 | 59.851 | 61.448 | 64.139 | 30.690 | 17.320 |
| 10/4/2025 4:00 | 1.653 | 1.716 | 1.973 | 3.247 | 1.672 | 3.865 | 61.05 | 62.769 | 59.144 | 59.851 | 61.448 | 64.139 | 30.670 | 16.660 |
| 10/4/2025 4:15 | 1.616 | 1.691 | 1.954 | 3.237 | 1.636 | 3.872 | 61.23 | 62.769 | 58.874 | 59.680 | 61.448 | 64.139 | 30.670 | 18.090 |
| 10/4/2025 4:30 | 1.599 | 1.668 | 1.928 | 3.248 | 1.614 | 3.866 | 61.05 | 62.769 | 58.532 | 59.680 | 61.466 | 64.139 | 30.620 | 16.320 |
| 10/4/2025 4:45 | 1.575 | 1.644 | 1.898 | 3.247 | 1.584 | 3.870 | 61.23 | 62.769 | 58.208 | 59.508 | 61.466 | 64.139 | 30.630 | 15.640 |
| 10/4/2025 5:00 | 1.562 | 1.631 | 1.872 | 3.245 | 1.557 | 3.862 | 61.23 | 62.769 | 57.902 | 59.337 | 61.484 | 64.139 | 30.640 | 16.700 |
| 10/4/2025 5:15 | 1.545 | 1.614 | 1.831 | 3.251 | 1.538 | 3.868 | 61.23 | 62.769 | 57.542 | 59.337 | 61.484 | 64.139 | 30.590 | 14.520 |
| 10/4/2025 5:30 | 1.524 | 1.602 | 1.831 | 3.249 | 1.516 | 3.866 | 61.23 | 62.769 | 57.254 | 59.164 | 61.484 | 64.139 | 30.590 | 14.920 |
| 10/4/2025 5:45 | 1.498 | 1.576 | 1.808 | 3.242 | 1.496 | 3.865 | 61.23 | 62.598 | 57.056 | 59.164 | 61.502 | 64.139 | 30.560 | 12.750 |
| 10/4/2025 6:00 | 1.479 | 1.550 | 1.793 | 3.243 | 1.488 | 3.869 | 61.23 | 62.598 | 56.804 | 58.993 | 61.520 | 64.139 | 30.570 | 11.440 |
| 10/4/2025 6:15 | 1.465 | 1.547 | 1.775 | 3.239 | 1.463 | 3.863 | 61.23 | 62.598 | 56.552 | 58.820 | 61.520 | 64.139 | 30.570 | 8.570 |
| 10/4/2025 6:30 | 1.450 | 1.533 | 1.758 | 3.248 | 1.459 | 3.867 | 61.23 | 62.598 | 56.408 | 58.820 | 61.520 | 63.968 | 30.550 | 7.630 |
| 10/4/2025 6:45 | 1.441 | 1.519 | 1.747 | 3.245 | 1.449 | 3.860 | 61.23 | 62.598 | 56.210 | 58.647 | 61.520 | 63.968 | 30.510 | 7.050 |
| 10/4/2025 7:00 | 1.426 | 1.505 | 1.739 | 3.246 | 1.432 | 3.865 | 61.23 | 62.598 | 56.156 | 58.647 | 61.520 | 63.968 | 30.540 | 7.650 |
| 10/4/2025 7:15 | 1.420 | 1.491 | 1.722 | 3.239 | 1.416 | 3.863 | 61.23 | 62.598 | 56.102 | 58.476 | 61.520 | 64.139 | 30.520 | 5.960 |
| 10/4/2025 7:30 | 1.462 | 1.509 | 1.697 | 3.250 | 1.440 | 3.860 | 61.23 | 62.598 | 56.048 | 58.476 | 61.520 | 64.139 | 30.480 | 6.990 |
| 10/4/2025 7:45 | 1.527 | 1.545 | 1.704 | 3.252 | 1.482 | 3.867 | 61.23 | 62.425 | 55.958 | 58.476 | 61.520 | 64.139 | 30.500 | 7.040 |
| 10/4/2025 8:00 | 1.618 | 1.625 | 1.747 | 3.250 | 1.574 | 3.872 | 61.23 | 62.425 | 55.958 | 58.303 | 61.448 | 64.139 | 30.440 | 8.610 |
| 10/4/2025 8:15 | 1.733 | 1.733 | 1.833 | 3.228 | 1.714 | 3.864 | 61.23 | 62.425 | 56.732 | 58.303 | 61.070 | 64.139 | 30.400 | 14.340 |
| 10/4/2025 8:30 | 1.954 | 1.920 | 1.953 | 3.227 | 1.882 | 3.839 | 61.23 | 62.254 | 57.344 | 58.303 | 60.548 | 64.310 | 30.270 | 23.200 |
| 10/4/2025 8:45 | 2.176 | 2.169 | 2.131 | 3.213 | 2.151 | 3.838 | 61.23 | 62.083 | 56.120 | 58.303 | 60.188 | 64.310 | 30.140 | 15.230 |
| 10/4/2025 9:00 | 2.508 | 2.471 | 2.387 | 3.219 | 2.426 | 3.831 | 60.54 | 61.912 | 57.704 | 58.131 | 60.080 | 64.310 | 30.050 | 24.770 |
| 10/4/2025 9:15 | 2.772 | 2.734 | 2.672 | 3.205 | 2.699 | 3.845 | 59.85 | 61.912 | 57.794 | 58.131 | 60.062 | 64.310 | 30.310 | 23.830 |
| 10/4/2025 9:30 | 2.951 | 2.996 | 2.953 | 3.210 | 2.950 | 3.821 | 59.85 | 61.741 | 58.496 | 58.131 | 59.954 | 64.481 | 30.380 | 18.730 |
| 10/4/2025 9:45 | 3.163 | 3.197 | 3.238 | 3.270 | 3.182 | 3.825 | 59.85 | 61.398 | 58.964 | 58.131 | 59.882 | 64.481 | 30.390 | 20.790 |
| 10/4/2025 10:00 | 3.232 | 3.288 | 3.444 | 3.426 | 3.223 | 3.824 | 60.02 | 61.054 | 59.234 | 58.131 | 59.846 | 64.481 | 30.450 | 21.190 |
| 10/4/2025 10:15 | 3.136 | 3.240 | 3.548 | 3.487 | 3.205 | 3.816 | 60.02 | 60.712 | 59.342 | 58.131 | 59.882 | 64.481 | 30.680 | 23.170 |
| 10/4/2025 10:30 | 3.002 | 3.133 | 3.491 | 3.417 | 3.084 | 3.828 | 60.20 | 60.712 | 59.342 | 58.131 | 59.882 | 64.652 | 30.870 | 22.140 |
| 10/4/2025 10:45 | 2.899 | 2.998 | 3.367 | 3.351 | 2.918 | 3.832 | 60.37 | 60.712 | 59.360 | 58.131 | 59.864 | 64.652 | 30.950 | 22.660 |
| 10/4/2025 11:00 | 2.784 | 2.860 | 3.227 | 3.308 | 2.772 | 3.825 | 60.54 | 60.883 | 59.432 | 58.131 | 59.882 | 64.652 | 31.000 | 24.290 |
| 10/4/2025 11:15 | 2.643 | 2.730 | 3.091 | 3.284 | 2.637 | 3.833 | 60.71 | 61.054 | 59.666 | 58.131 | 59.918 | 64.825 | 31.020 | 23.870 |
| 10/4/2025 11:30 | 2.527 | 2.606 | 2.932 | 3.269 | 2.545 | 3.841 | 60.88 | 61.227 | 59.666 | 58.303 | 59.990 | 64.825 | 31.050 | 22.410 |
| 10/4/2025 11:45 | 2.415 | 2.497 | 2.835 | 3.251 | 2.454 | 3.832 | 60.88 | 61.227 | 59.666 | 58.303 | 60.116 | 64.825 | 31.120 | 25.820 |
| 10/4/2025 12:00 | 2.319 | 2.399 | 2.750 | 3.230 | 2.365 | 3.835 | 61.05 | 61.227 | 59.684 | 58.476 | 60.260 | 64.996 | 31.160 | 27.420 |
| 10/4/2025 12:15 | 2.227 | 2.305 | 2.664 | 3.214 | 2.290 | 3.825 | 61.23 | 61.398 | 59.702 | 58.647 | 60.422 | 64.996 | 31.140 | 27.920 |
| 10/4/2025 12:30 | 2.169 | 2.252 | 2.576 | 3.223 | 2.206 | 3.819 | 61.40 | 61.398 | 59.702 | 58.820 | 60.566 | 64.996 | 31.160 | 28.940 |
| 10/4/2025 12:45 | 2.125 | 2.199 | 2.504 | 3.232 | 2.157 | 3.833 | 61.40 | 61.398 | 59.738 | 58.993 | 60.728 | 65.167 | 31.110 | 28.240 |
| 10/4/2025 13:00 | 2.063 | 2.139 | 2.447 | 3.225 | 2.088 | 3.842 | 61.57 | 61.569 | 59.774 | 59.164 | 60.890 | 65.167 | 31.140 | 28.240 |
| 10/4/2025 13:15 | 1.991 | 2.072 | 2.368 | 3.206 | 2.031 | 3.840 | 61.74 | 61.569 | 59.792 | 59.508 | 61.070 | 65.338 | 31.150 | 28.180 |
| 10/4/2025 13:30 | 1.939 | 2.017 | 2.308 | 3.199 | 1.986 | 3.823 | 61.74 | 61.569 | 59.828 | 59.851 | 61.268 | 65.338 | 31.160 | 29.520 |
| 10/4/2025 13:45 | 1.913 | 1.985 | 2.270 | 3.210 | 1.944 | 3.820 | 61.91 | 61.741 | 59.900 | 60.195 | 61.448 | 65.509 | 31.170 | 29.840 |
| 10/4/2025 14:00 | 1.866 | 1.938 | 2.221 | 3.211 | 1.894 | 3.834 | 62.08 | 61.741 | 59.972 | 60.539 | 61.646 | 65.680 | 31.150 | 22.420 |
| 10/4/2025 14:15 | 1.833 | 1.906 | 2.178 | 3.203 | 1.852 | 3.842 | 62.25 | 61.912 | 60.044 | 60.883 | 61.844 | 65.851 | 31.170 | 20.540 |
| 10/4/2025 14:30 | 1.792 | 1.870 | 2.144 | 3.207 | 1.808 | 3.832 | 62.43 | 61.912 | 60.134 | 61.398 | 62.042 | 65.851 | 31.140 | 21.040 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/4/2025 14:45 | 1.770 | 1.853 | 2.090 | 3.214 | 1.781 | 3.839 | 62.43 | 62.083 | 60.242 | 61.741 | 62.240 | 66.022 | 31.110 | 21.430 |
| 10/4/2025 15:00 | 1.723 | 1.807 | 2.068 | 3.197 | 1.747 | 3.849 | 62.60 | 62.083 | 60.368 | 62.254 | 62.420 | 66.022 | 31.130 | 21.520 |
| 10/4/2025 15:15 | 1.701 | 1.770 | 2.041 | 3.200 | 1.727 | 3.831 | 62.77 | 62.254 | 60.530 | 62.598 | 62.564 | 66.193 | 31.130 | 21.060 |
| 10/4/2025 15:30 | 1.666 | 1.744 | 2.016 | 3.186 | 1.691 | 3.839 | 62.77 | 62.425 | 60.728 | 62.940 | 62.744 | 66.193 | 31.100 | 23.570 |
| 10/4/2025 15:45 | 1.642 | 1.724 | 1.982 | 3.191 | 1.662 | 3.835 | 62.94 | 62.425 | 60.926 | 63.455 | 62.924 | 66.193 | 31.060 | 22.290 |
| 10/4/2025 16:00 | 1.624 | 1.706 | 1.950 | 3.193 | 1.631 | 3.842 | 63.11 | 62.598 | 61.178 | 63.797 | 63.086 | 66.366 | 31.060 | 21.990 |
| 10/4/2025 16:15 | 1.599 | 1.678 | 1.916 | 3.198 | 1.621 | 3.832 | 63.11 | 62.598 | 61.430 | 64.139 | 63.212 | 66.366 | 31.090 | 21.570 |
| 10/4/2025 16:30 | 1.572 | 1.648 | 1.905 | 3.194 | 1.583 | 3.840 | 63.28 | 62.769 | 61.664 | 64.310 | 63.284 | 66.537 | 31.020 | 17.870 |
| 10/4/2025 16:45 | 1.545 | 1.621 | 1.879 | 3.188 | 1.572 | 3.833 | 63.46 | 62.769 | 61.880 | 64.652 | 63.356 | 66.708 | 31.000 | 17.990 |
| 10/4/2025 17:00 | 1.531 | 1.600 | 1.851 | 3.190 | 1.544 | 3.828 | 63.46 | 62.940 | 62.042 | 64.825 | 63.428 | 66.537 | 31.000 | 14.840 |
| 10/4/2025 17:15 | 1.514 | 1.594 | 1.822 | 3.193 | 1.534 | 3.825 | 63.63 | 62.940 | 62.240 | 64.996 | 63.482 | 66.537 | 31.020 | 14.900 |
| 10/4/2025 17:30 | 1.488 | 1.565 | 1.809 | 3.187 | 1.510 | 3.839 | 63.63 | 62.940 | 62.312 | 64.996 | 63.482 | 66.537 | 30.960 | 10.600 |
| 10/4/2025 17:45 | 1.476 | 1.557 | 1.802 | 3.203 | 1.491 | 3.829 | 63.46 | 62.940 | 62.348 | 64.996 | 63.464 | 66.537 | 30.940 | 11.740 |
| 10/4/2025 18:00 | 1.451 | 1.531 | 1.781 | 3.188 | 1.474 | 3.836 | 63.28 | 62.940 | 62.384 | 65.167 | 63.446 | 66.537 | 30.910 | 10.250 |
| 10/4/2025 18:15 | 1.442 | 1.520 | 1.758 | 3.193 | 1.466 | 3.828 | 63.46 | 62.940 | 62.384 | 65.167 | 63.428 | 66.537 | 30.830 | 9.690 |
| 10/4/2025 18:30 | 1.429 | 1.512 | 1.758 | 3.201 | 1.460 | 3.834 | 63.28 | 62.940 | 62.330 | 65.167 | 63.428 | 66.537 | 30.840 | 8.680 |
| 10/4/2025 18:45 | 1.420 | 1.500 | 1.751 | 3.203 | 1.437 | 3.840 | 63.46 | 62.940 | 62.240 | 65.167 | 63.428 | 66.537 | 30.770 | 8.170 |
| 10/4/2025 19:00 | 1.408 | 1.484 | 1.722 | 3.203 | 1.431 | 3.835 | 63.28 | 62.940 | 62.114 | 65.167 | 63.410 | 66.537 | 30.720 | 7.600 |
| 10/4/2025 19:15 | 1.430 | 1.487 | 1.718 | 3.210 | 1.452 | 3.834 | 63.28 | 62.940 | 61.952 | 65.167 | 63.392 | 66.366 | 30.650 | 7.940 |
| 10/4/2025 19:30 | 1.490 | 1.530 | 1.716 | 3.206 | 1.495 | 3.840 | 63.28 | 62.940 | 61.772 | 64.996 | 63.410 | 66.366 | 30.630 | 8.190 |
| 10/4/2025 19:45 | 1.633 | 1.614 | 1.747 | 3.206 | 1.602 | 3.837 | 63.28 | 62.940 | 61.592 | 64.996 | 63.500 | 66.366 | 30.610 | 8.750 |
| 10/4/2025 20:00 | 1.838 | 1.782 | 1.841 | 3.208 | 1.787 | 3.832 | 63.46 | 62.940 | 61.484 | 64.825 | 63.752 | 66.193 | 30.480 | 14.750 |
| 10/4/2025 20:15 | 2.189 | 2.075 | 2.011 | 3.218 | 2.073 | 3.834 | 63.63 | 62.769 | 61.358 | 64.825 | 64.040 | 66.022 | 30.380 | 24.490 |
| 10/4/2025 20:30 | 2.582 | 2.468 | 2.284 | 3.212 | 2.498 | 3.844 | 63.63 | 62.769 | 61.268 | 64.652 | 64.292 | 66.022 | 30.290 | 22.720 |
| 10/4/2025 20:45 | 3.026 | 2.885 | 2.695 | 3.213 | 2.891 | 3.837 | 62.60 | 62.769 | 61.484 | 64.481 | 64.022 | 65.851 | 30.420 | 18.630 |
| 10/4/2025 21:00 | 3.489 | 3.328 | 3.112 | 3.260 | 3.320 | 3.839 | 61.74 | 63.111 | 61.592 | 64.481 | 63.482 | 65.851 | 30.410 | 23.740 |
| 10/4/2025 21:15 | 3.840 | 3.639 | 3.547 | 3.574 | 3.617 | 3.845 | 61.40 | 63.111 | 61.844 | 64.310 | 62.834 | 65.680 | 30.420 | 19.090 |
| 10/4/2025 21:30 | 4.081 | 3.896 | 3.856 | 3.820 | 3.855 | 3.845 | 61.05 | 62.425 | 62.456 | 63.626 | 62.366 | 65.680 | 30.500 | 23.690 |
| 10/4/2025 21:45 | 4.172 | 4.067 | 4.102 | 3.966 | 4.032 | 3.838 | 61.05 | 61.912 | 63.518 | 63.455 | 61.970 | 65.509 | 30.680 | 26.510 |
| 10/4/2025 22:00 | 4.194 | 4.142 | 4.276 | 4.056 | 4.107 | 3.836 | 60.88 | 61.569 | 62.960 | 63.626 | 61.682 | 65.509 | 30.810 | 30.240 |
| 10/4/2025 22:15 | 4.133 | 4.148 | 4.337 | 4.120 | 4.094 | 3.836 | 60.88 | 61.398 | 61.700 | 63.455 | 61.430 | 65.509 | 30.960 | 31.540 |
| 10/4/2025 22:30 | 4.037 | 4.074 | 4.361 | 4.145 | 3.977 | 3.837 | 60.88 | 61.398 | 61.214 | 63.282 | 61.286 | 65.338 | 31.070 | 30.100 |
| 10/4/2025 22:45 | 3.923 | 3.981 | 4.294 | 4.157 | 3.879 | 3.832 | 60.88 | 61.227 | 60.926 | 63.111 | 61.142 | 65.338 | 31.110 | 32.170 |
| 10/4/2025 23:00 | 3.696 | 3.815 | 4.209 | 4.113 | 3.702 | 3.836 | 60.71 | 61.227 | 60.872 | 62.940 | 61.034 | 65.338 | 31.200 | 31.960 |
| 10/4/2025 23:15 | 3.488 | 3.635 | 4.046 | 4.043 | 3.505 | 3.831 | 60.88 | 61.398 | 60.818 | 62.940 | 60.962 | 65.167 | 31.200 | 34.650 |
| 10/4/2025 23:30 | 3.267 | 3.433 | 3.870 | 3.946 | 3.297 | 3.839 | 60.88 | 61.741 | 60.764 | 62.940 | 60.890 | 65.167 | 31.270 | 32.210 |
| 10/4/2025 23:45 | 3.070 | 3.223 | 3.670 | 3.815 | 3.083 | 3.828 | 60.88 | 61.912 | 60.782 | 62.940 | 60.818 | 65.167 | 31.230 | 32.110 |
| 10/5/2025 0:00 | 2.887 | 3.033 | 3.449 | 3.658 | 2.897 | 3.836 | 60.88 | 61.912 | 60.890 | 62.940 | 60.818 | 65.167 | 31.250 | 31.730 |
| 10/5/2025 0:15 | 2.743 | 2.863 | 3.253 | 3.536 | 2.752 | 3.831 | 60.88 | 62.083 | 60.962 | 62.940 | 60.818 | 65.167 | 31.260 | 31.620 |
| 10/5/2025 0:30 | 2.612 | 2.721 | 3.082 | 3.461 | 2.615 | 3.832 | 60.88 | 62.083 | 60.998 | 62.769 | 60.818 | 65.167 | 31.200 | 29.640 |
| 10/5/2025 0:45 | 2.505 | 2.597 | 2.942 | 3.418 | 2.517 | 3.832 | 60.88 | 62.083 | 60.836 | 62.769 | 60.836 | 64.996 | 31.180 | 27.750 |
| 10/5/2025 1:00 | 2.414 | 2.493 | 2.829 | 3.394 | 2.418 | 3.830 | 60.88 | 62.083 | 60.548 | 62.769 | 60.854 | 64.996 | 31.180 | 25.940 |
| 10/5/2025 1:15 | 2.318 | 2.404 | 2.723 | 3.381 | 2.324 | 3.834 | 60.88 | 62.083 | 60.170 | 62.598 | 60.872 | 64.996 | 31.130 | 24.580 |
| 10/5/2025 1:30 | 2.246 | 2.322 | 2.625 | 3.372 | 2.247 | 3.825 | 60.88 | 62.083 | 59.828 | 62.598 | 60.872 | 64.996 | 31.130 | 23.120 |
| 10/5/2025 1:45 | 2.178 | 2.255 | 2.552 | 3.363 | 2.176 | 3.828 | 60.88 | 61.912 | 59.612 | 62.425 | 60.872 | 64.996 | 31.100 | 22.640 |
| 10/5/2025 2:00 | 2.127 | 2.191 | 2.483 | 3.363 | 2.125 | 3.831 | 60.71 | 61.912 | 59.612 | 62.425 | 60.908 | 64.996 | 30.990 | 22.610 |
| 10/5/2025 2:15 | 2.064 | 2.126 | 2.419 | 3.356 | 2.067 | 3.835 | 60.71 | 61.912 | 59.594 | 62.425 | 60.926 | 64.996 | 30.990 | 22.860 |
| 10/5/2025 2:30 | 2.008 | 2.083 | 2.353 | 3.347 | 2.019 | 3.820 | 60.71 | 61.912 | 59.486 | 62.254 | 60.926 | 64.825 | 30.890 | 22.970 |
| 10/5/2025 2:45 | 1.967 | 2.032 | 2.309 | 3.345 | 1.970 | 3.831 | 60.71 | 61.912 | 59.324 | 62.254 | 60.962 | 64.825 | 30.910 | 23.020 |
| 10/5/2025 3:00 | 1.922 | 1.996 | 2.261 | 3.348 | 1.923 | 3.836 | 60.71 | 61.912 | 59.072 | 62.254 | 60.962 | 64.825 | 30.850 | 19.460 |
| 10/5/2025 3:15 | 1.878 | 1.953 | 2.205 | 3.339 | 1.882 | 3.832 | 60.71 | 61.912 | 58.766 | 62.083 | 60.980 | 64.825 | 30.820 | 22.780 |
| 10/5/2025 3:30 | 1.852 | 1.924 | 2.174 | 3.337 | 1.829 | 3.834 | 60.71 | 61.741 | 58.406 | 62.083 | 60.980 | 64.825 | 30.760 | 22.310 |
| 10/5/2025 3:45 | 1.806 | 1.885 | 2.119 | 3.329 | 1.801 | 3.836 | 60.88 | 61.741 | 58.100 | 62.083 | 60.998 | 64.825 | 30.800 | 21.970 |
| 10/5/2025 4:00 | 1.780 | 1.853 | 2.095 | 3.319 | 1.787 | 3.839 | 60.88 | 61.741 | 57.758 | 61.912 | 60.998 | 64.825 | 30.770 | 18.870 |
| 10/5/2025 4:15 | 1.747 | 1.820 | 2.073 | 3.309 | 1.756 | 3.833 | 60.88 | 61.741 | 57.434 | 61.912 | 60.998 | 64.652 | 30.700 | 19.940 |
| 10/5/2025 4:30 | 1.725 | 1.799 | 2.047 | 3.310 | 1.730 | 3.824 | 60.88 | 61.741 | 57.128 | 61.912 | 61.016 | 64.652 | 30.670 | 20.200 |
| 10/5/2025 4:45 | 1.698 | 1.761 | 2.022 | 3.299 | 1.707 | 3.828 | 60.88 | 61.741 | 57.038 | 61.741 | 61.016 | 64.652 | 30.700 | 19.270 |
| 10/5/2025 5:00 | 1.673 | 1.748 | 1.996 | 3.298 | 1.674 | 3.833 | 60.88 | 61.741 | 57.020 | 61.741 | 61.016 | 64.652 | 30.640 | 19.220 |
| 10/5/2025 5:15 | 1.641 | 1.720 | 1.959 | 3.284 | 1.649 | 3.839 | 60.88 | 61.569 | 56.912 | 61.569 | 61.016 | 64.652 | 30.660 | 19.110 |
| 10/5/2025 5:30 | 1.628 | 1.696 | 1.936 | 3.283 | 1.624 | 3.834 | 60.88 | 61.569 | 56.804 | 61.569 | 61.034 | 64.481 | 30.640 | 19.020 |
| 10/5/2025 5:45 | 1.616 | 1.681 | 1.917 | 3.283 | 1.605 | 3.840 | 60.88 | 61.569 | 56.696 | 61.569 | 61.034 | 64.481 | 30.550 | 18.880 |
| 10/5/2025 6:00 | 1.587 | 1.664 | 1.891 | 3.281 | 1.598 | 3.844 | 60.88 | 61.569 | 56.588 | 61.398 | 61.034 | 64.481 | 30.580 | 18.800 |
| 10/5/2025 6:15 | 1.569 | 1.643 | 1.883 | 3.275 | 1.570 | 3.841 | 60.88 | 61.569 | 56.480 | 61.398 | 61.034 | 64.481 | 30.580 | 18.700 |
| 10/5/2025 6:30 | 1.546 | 1.624 | 1.869 | 3.274 | 1.539 | 3.836 | 60.88 | 61.569 | 56.408 | 61.227 | 61.034 | 64.481 | 30.600 | 18.680 |
| 10/5/2025 6:45 | 1.524 | 1.610 | 1.829 | 3.269 | 1.520 | 3.832 | 60.88 | 61.569 | 56.336 | 61.227 | 61.034 | 64.481 | 30.550 | 14.870 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/5/2025 7:00 | 1.513 | 1.599 | 1.812 | 3.270 | 1.482 | 3.837 | 60.88 | 61.398 | 56.282 | 61.227 | 61.016 | 64.481 | 30.500 | 18.500 |
| 10/5/2025 7:15 | 1.507 | 1.581 | 1.764 | 3.278 | 1.457 | 3.838 | 61.05 | 61.398 | 56.192 | 61.054 | 61.016 | 64.310 | 30.480 | 18.400 |
| 10/5/2025 7:30 | 1.470 | 1.549 | 1.757 | 3.257 | 1.434 | 3.846 | 61.05 | 61.398 | 56.138 | 61.054 | 61.016 | 64.310 | 30.450 | 18.310 |
| 10/5/2025 7:45 | 1.458 | 1.540 | 1.730 | 3.255 | 1.424 | 3.832 | 61.05 | 61.398 | 56.030 | 60.883 | 61.034 | 64.310 | 30.490 | 18.240 |
| 10/5/2025 8:00 | 1.477 | 1.528 | 1.713 | 3.239 | 1.454 | 3.831 | 61.05 | 61.398 | 55.958 | 60.883 | 61.052 | 64.310 | 30.430 | 18.170 |
| 10/5/2025 8:15 | 1.543 | 1.578 | 1.719 | 3.228 | 1.515 | 3.815 | 61.23 | 61.227 | 56.138 | 60.712 | 61.034 | 64.481 | 30.410 | 18.010 |
| 10/5/2025 8:30 | 1.685 | 1.693 | 1.775 | 3.224 | 1.646 | 3.808 | 61.23 | 61.227 | 56.084 | 60.712 | 60.692 | 64.481 | 30.340 | 13.460 |
| 10/5/2025 8:45 | 1.869 | 1.867 | 1.892 | 3.217 | 1.833 | 3.804 | 61.23 | 61.054 | 56.696 | 60.539 | 60.278 | 64.481 | 30.240 | 13.880 |
| 10/5/2025 9:00 | 2.245 | 2.159 | 2.059 | 3.222 | 2.145 | 3.806 | 61.23 | 60.883 | 56.156 | 60.539 | 60.044 | 64.652 | 30.200 | 14.190 |
| 10/5/2025 9:15 | 2.596 | 2.531 | 2.364 | 3.218 | 2.508 | 3.800 | 61.05 | 60.883 | 56.840 | 60.539 | 60.008 | 64.652 | 30.140 | 16.400 |
| 10/5/2025 9:30 | 3.058 | 2.917 | 2.741 | 3.215 | 2.930 | 3.795 | 60.37 | 60.712 | 58.352 | 60.368 | 60.062 | 64.652 | 30.080 | 18.070 |
| 10/5/2025 9:45 | 3.417 | 3.289 | 3.165 | 3.276 | 3.287 | 3.790 | 60.37 | 60.712 | 58.496 | 60.368 | 60.098 | 64.825 | 30.060 | 17.210 |
| 10/5/2025 10:00 | 3.760 | 3.587 | 3.541 | 3.570 | 3.577 | 3.789 | 60.37 | 60.712 | 58.928 | 60.195 | 60.098 | 64.825 | 30.090 | 19.910 |
| 10/5/2025 10:15 | 3.878 | 3.783 | 3.833 | 3.795 | 3.762 | 3.800 | 60.37 | 60.539 | 59.054 | 60.195 | 60.098 | 64.825 | 30.140 | 19.090 |
| 10/5/2025 10:30 | 3.803 | 3.891 | 4.038 | 3.935 | 3.853 | 3.800 | 60.37 | 60.539 | 59.324 | 60.195 | 60.134 | 64.996 | 30.230 | 20.540 |
| 10/5/2025 10:45 | 3.786 | 3.886 | 4.135 | 4.000 | 3.804 | 3.812 | 60.37 | 60.539 | 59.828 | 60.195 | 60.170 | 64.996 | 30.340 | 25.120 |
| 10/5/2025 11:00 | 3.716 | 3.806 | 4.124 | 4.024 | 3.722 | 3.812 | 60.54 | 60.539 | 59.900 | 60.195 | 60.224 | 65.167 | 30.400 | 26.460 |
| 10/5/2025 11:15 | 3.534 | 3.664 | 4.025 | 3.978 | 3.549 | 3.817 | 60.71 | 60.712 | 59.900 | 60.368 | 60.260 | 65.167 | 30.450 | 23.250 |
| 10/5/2025 11:30 | 3.320 | 3.494 | 3.875 | 3.880 | 3.389 | 3.817 | 60.71 | 60.712 | 59.954 | 60.368 | 60.350 | 65.338 | 30.540 | 25.200 |
| 10/5/2025 11:45 | 3.138 | 3.286 | 3.698 | 3.732 | 3.182 | 3.821 | 60.88 | 60.712 | 60.188 | 60.368 | 60.494 | 65.338 | 30.680 | 24.880 |
| 10/5/2025 12:00 | 2.951 | 3.077 | 3.517 | 3.574 | 2.987 | 3.820 | 61.05 | 60.883 | 60.656 | 60.368 | 60.728 | 65.338 | 30.890 | 30.110 |
| 10/5/2025 12:15 | 2.765 | 2.883 | 3.311 | 3.448 | 2.814 | 3.804 | 61.23 | 60.883 | 61.160 | 60.368 | 60.944 | 65.509 | 30.960 | 22.860 |
| 10/5/2025 12:30 | 2.628 | 2.739 | 3.131 | 3.400 | 2.669 | 3.798 | 61.40 | 60.883 | 61.466 | 60.539 | 61.070 | 65.509 | 30.940 | 19.710 |
| 10/5/2025 12:45 | 2.514 | 2.609 | 2.975 | 3.373 | 2.550 | 3.804 | 61.57 | 61.054 | 61.772 | 60.539 | 61.232 | 65.509 | 30.950 | 18.660 |
| 10/5/2025 13:00 | 2.404 | 2.490 | 2.848 | 3.351 | 2.449 | 3.809 | 61.74 | 61.054 | 61.952 | 60.712 | 61.394 | 65.680 | 30.960 | 17.590 |
| 10/5/2025 13:15 | 2.312 | 2.392 | 2.750 | 3.337 | 2.344 | 3.805 | 61.74 | 61.054 | 62.096 | 60.712 | 61.592 | 65.680 | 30.930 | 17.060 |
| 10/5/2025 13:30 | 2.221 | 2.310 | 2.644 | 3.320 | 2.266 | 3.809 | 62.25 | 61.227 | 61.862 | 60.883 | 61.826 | 65.851 | 30.910 | 17.070 |
| 10/5/2025 13:45 | 2.153 | 2.235 | 2.559 | 3.316 | 2.210 | 3.807 | 62.60 | 61.227 | 61.520 | 61.054 | 62.078 | 65.851 | 30.920 | 20.900 |
| 10/5/2025 14:00 | 2.095 | 2.177 | 2.503 | 3.315 | 2.136 | 3.806 | 62.43 | 61.398 | 61.574 | 61.398 | 62.330 | 65.851 | 30.910 | 17.750 |
| 10/5/2025 14:15 | 2.027 | 2.106 | 2.427 | 3.307 | 2.085 | 3.819 | 62.60 | 61.569 | 61.754 | 61.569 | 62.582 | 65.851 | 30.870 | 17.130 |
| 10/5/2025 14:30 | 1.982 | 2.056 | 2.371 | 3.306 | 2.006 | 3.807 | 62.60 | 61.741 | 61.916 | 61.741 | 62.780 | 66.022 | 30.830 | 16.960 |
| 10/5/2025 14:45 | 1.946 | 2.030 | 2.302 | 3.304 | 1.973 | 3.825 | 62.60 | 61.912 | 61.988 | 62.083 | 62.978 | 66.022 | 30.780 | 17.730 |
| 10/5/2025 15:00 | 1.896 | 1.970 | 2.262 | 3.290 | 1.921 | 3.830 | 62.77 | 62.083 | 62.060 | 62.254 | 63.140 | 66.022 | 30.760 | 17.510 |
| 10/5/2025 15:15 | 1.854 | 1.928 | 2.209 | 3.284 | 1.891 | 3.820 | 62.94 | 62.254 | 62.222 | 62.598 | 63.284 | 66.193 | 30.740 | 17.230 |
| 10/5/2025 15:30 | 1.807 | 1.883 | 2.170 | 3.263 | 1.841 | 3.825 | 62.94 | 62.425 | 62.420 | 62.940 | 63.374 | 66.193 | 30.680 | 17.060 |
| 10/5/2025 15:45 | 1.778 | 1.855 | 2.133 | 3.262 | 1.815 | 3.818 | 63.11 | 62.425 | 62.636 | 63.111 | 63.482 | 66.366 | 30.690 | 17.020 |
| 10/5/2025 16:00 | 1.747 | 1.821 | 2.096 | 3.253 | 1.766 | 3.810 | 63.11 | 62.598 | 62.780 | 63.455 | 63.608 | 66.366 | 30.660 | 16.860 |
| 10/5/2025 16:15 | 1.720 | 1.787 | 2.066 | 3.250 | 1.748 | 3.808 | 63.28 | 62.598 | 63.014 | 63.797 | 63.716 | 66.537 | 30.640 | 16.870 |
| 10/5/2025 16:30 | 1.688 | 1.755 | 2.033 | 3.234 | 1.721 | 3.812 | 63.46 | 62.769 | 63.140 | 63.968 | 63.842 | 66.537 | 30.590 | 16.920 |
| 10/5/2025 16:45 | 1.659 | 1.732 | 2.008 | 3.234 | 1.695 | 3.806 | 63.46 | 62.940 | 63.320 | 64.139 | 63.914 | 66.537 | 30.550 | 16.760 |
| 10/5/2025 17:00 | 1.634 | 1.703 | 1.979 | 3.240 | 1.667 | 3.817 | 63.63 | 62.940 | 63.374 | 64.310 | 63.950 | 66.537 | 30.550 | 16.900 |
| 10/5/2025 17:15 | 1.619 | 1.682 | 1.951 | 3.230 | 1.647 | 3.811 | 63.46 | 63.111 | 63.428 | 64.481 | 63.968 | 66.537 | 30.490 | 16.770 |
| 10/5/2025 17:30 | 1.590 | 1.669 | 1.936 | 3.233 | 1.616 | 3.805 | 63.63 | 63.111 | 63.464 | 64.481 | 63.986 | 66.537 | 30.420 | 17.290 |
| 10/5/2025 17:45 | 1.572 | 1.644 | 1.899 | 3.231 | 1.608 | 3.815 | 63.63 | 63.282 | 63.482 | 64.652 | 63.968 | 66.537 | 30.350 | 18.420 |
| 10/5/2025 18:00 | 1.557 | 1.633 | 1.893 | 3.232 | 1.581 | 3.816 | 63.63 | 63.282 | 63.482 | 64.652 | 63.932 | 66.537 | 30.290 | 21.720 |
| 10/5/2025 18:15 | 1.544 | 1.620 | 1.866 | 3.230 | 1.561 | 3.824 | 63.80 | 63.282 | 63.464 | 64.652 | 63.914 | 66.537 | 30.240 | 18.780 |
| 10/5/2025 18:30 | 1.514 | 1.591 | 1.845 | 3.228 | 1.538 | 3.819 | 63.80 | 63.282 | 63.410 | 64.652 | 63.878 | 66.537 | 30.170 | 18.350 |
| 10/5/2025 18:45 | 1.512 | 1.589 | 1.818 | 3.234 | 1.505 | 3.820 | 63.97 | 63.282 | 63.320 | 64.652 | 63.860 | 66.366 | 30.150 | 18.690 |
| 10/5/2025 19:00 | 1.490 | 1.566 | 1.802 | 3.237 | 1.500 | 3.826 | 64.14 | 63.282 | 63.212 | 64.481 | 63.860 | 66.366 | 30.150 | 18.750 |
| 10/5/2025 19:15 | 1.470 | 1.551 | 1.790 | 3.230 | 1.481 | 3.829 | 63.97 | 63.282 | 63.086 | 64.481 | 63.824 | 66.366 | 30.090 | 18.230 |
| 10/5/2025 19:30 | 1.456 | 1.534 | 1.774 | 3.228 | 1.477 | 3.823 | 63.97 | 63.282 | 62.924 | 64.481 | 63.824 | 66.366 | 30.060 | 18.240 |
| 10/5/2025 19:45 | 1.437 | 1.519 | 1.763 | 3.228 | 1.474 | 3.827 | 63.80 | 63.282 | 62.780 | 64.310 | 63.806 | 66.193 | 30.030 | 16.560 |
| 10/5/2025 20:00 | 1.441 | 1.515 | 1.759 | 3.236 | 1.462 | 3.820 | 63.80 | 63.282 | 62.582 | 64.310 | 63.788 | 66.193 | 30.000 | 17.000 |
| 10/5/2025 20:15 | 1.461 | 1.535 | 1.750 | 3.228 | 1.502 | 3.823 | 63.80 | 63.282 | 62.366 | 64.139 | 63.770 | 66.022 | 29.970 | 16.310 |
| 10/5/2025 20:30 | 1.575 | 1.619 | 1.781 | 3.235 | 1.595 | 3.819 | 63.80 | 63.282 | 62.186 | 64.139 | 63.806 | 65.851 | 29.930 | 15.590 |
| 10/5/2025 20:45 | 1.823 | 1.764 | 1.849 | 3.237 | 1.778 | 3.830 | 63.80 | 63.282 | 62.060 | 63.968 | 63.932 | 65.851 | 29.820 | 17.000 |
| 10/5/2025 21:00 | 2.173 | 2.046 | 1.996 | 3.227 | 2.071 | 3.826 | 63.80 | 63.282 | 61.934 | 63.968 | 64.022 | 65.851 | 29.650 | 22.980 |
| 10/5/2025 21:15 | 2.625 | 2.478 | 2.305 | 3.228 | 2.507 | 3.823 | 63.80 | 63.282 | 61.592 | 63.797 | 64.058 | 65.680 | 29.550 | 18.530 |
| 10/5/2025 21:30 | 3.138 | 2.955 | 2.690 | 3.244 | 2.982 | 3.832 | 62.43 | 63.282 | 61.862 | 63.626 | 63.806 | 65.680 | 29.730 | 20.760 |
| 10/5/2025 21:45 | 3.670 | 3.429 | 3.201 | 3.319 | 3.430 | 3.836 | 61.74 | 63.455 | 62.060 | 63.626 | 63.320 | 65.509 | 29.760 | 18.400 |
| 10/5/2025 22:00 | 4.031 | 3.760 | 3.662 | 3.678 | 3.740 | 3.830 | 61.40 | 62.940 | 62.546 | 63.455 | 62.762 | 65.509 | 29.940 | 18.910 |
| 10/5/2025 22:15 | 4.186 | 4.025 | 3.978 | 3.900 | 4.014 | 3.824 | 61.23 | 62.254 | 63.392 | 63.282 | 62.240 | 65.509 | 30.200 | 20.940 |
| 10/5/2025 22:30 | 4.363 | 4.190 | 4.242 | 4.040 | 4.178 | 3.825 | 61.05 | 61.912 | 63.284 | 63.282 | 61.916 | 65.509 | 30.400 | 22.350 |
| 10/5/2025 22:45 | 4.377 | 4.253 | 4.389 | 4.131 | 4.248 | 3.829 | 61.05 | 61.741 | 61.808 | 63.282 | 61.682 | 65.338 | 30.520 | 25.730 |
| 10/5/2025 23:00 | 4.284 | 4.266 | 4.460 | 4.179 | 4.242 | 3.830 | 61.05 | 61.569 | 61.232 | 63.111 | 61.502 | 65.338 | 30.950 | 33.160 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/5/2025 23:15 | 4.163 | 4.237 | 4.483 | 4.218 | 4.161 | 3.825 | 61.05 | 61.569 | 61.124 | 62.769 | 61.322 | 65.338 | 31.880 | 26.890 |
| 10/5/2025 23:30 | 4.010 | 4.107 | 4.459 | 4.222 | 4.028 | 3.820 | 61.05 | 61.569 | 60.980 | 62.598 | 61.196 | 65.338 | 32.140 | 32.070 |
| 10/5/2025 23:45 | 3.818 | 3.958 | 4.355 | 4.204 | 3.877 | 3.828 | 61.05 | 61.398 | 60.908 | 62.425 | 61.052 | 65.338 | 32.170 | 32.090 |
| 10/6/2025 0:00 | 3.600 | 3.770 | 4.205 | 4.157 | 3.652 | 3.836 | 61.05 | 61.569 | 60.908 | 62.425 | 60.944 | 65.167 | 32.070 | 32.080 |
| 10/6/2025 0:15 | 3.362 | 3.558 | 4.029 | 4.087 | 3.427 | 3.825 | 61.05 | 61.569 | 60.872 | 62.425 | 60.872 | 65.167 | 31.890 | 32.420 |
| 10/6/2025 0:30 | 3.146 | 3.338 | 3.823 | 3.992 | 3.195 | 3.825 | 61.05 | 61.741 | 60.782 | 62.425 | 60.818 | 65.167 | 31.770 | 32.280 |
| 10/6/2025 0:45 | 2.950 | 3.127 | 3.603 | 3.872 | 3.010 | 3.823 | 61.05 | 61.741 | 60.782 | 62.425 | 60.800 | 65.167 | 31.660 | 31.900 |
| 10/6/2025 1:00 | 2.773 | 2.940 | 3.391 | 3.718 | 2.822 | 3.828 | 61.05 | 61.912 | 60.764 | 62.425 | 60.800 | 65.167 | 31.560 | 31.370 |
| 10/6/2025 1:15 | 2.638 | 2.783 | 3.182 | 3.597 | 2.670 | 3.825 | 61.05 | 61.912 | 60.728 | 62.425 | 60.800 | 65.167 | 31.460 | 29.310 |
| 10/6/2025 1:30 | 2.509 | 2.634 | 3.017 | 3.513 | 2.549 | 3.828 | 61.05 | 61.912 | 60.602 | 62.425 | 60.800 | 64.996 | 31.400 | 27.200 |
| 10/6/2025 1:45 | 2.414 | 2.522 | 2.890 | 3.473 | 2.434 | 3.818 | 61.05 | 61.741 | 60.404 | 62.254 | 60.800 | 64.996 | 31.420 | 27.820 |
| 10/6/2025 2:00 | 2.308 | 2.408 | 2.753 | 3.435 | 2.338 | 3.833 | 61.05 | 61.741 | 60.098 | 62.254 | 60.782 | 64.996 | 31.370 | 25.700 |
| 10/6/2025 2:15 | 2.225 | 2.319 | 2.643 | 3.415 | 2.252 | 3.827 | 61.23 | 61.741 | 59.846 | 62.254 | 60.764 | 64.996 | 31.370 | 21.520 |
| 10/6/2025 2:30 | 2.154 | 2.258 | 2.560 | 3.407 | 2.171 | 3.826 | 61.23 | 61.741 | 59.612 | 62.083 | 60.764 | 64.996 | 31.330 | 21.020 |
| 10/6/2025 2:45 | 2.095 | 2.188 | 2.471 | 3.399 | 2.107 | 3.820 | 61.23 | 61.569 | 59.450 | 62.083 | 60.764 | 64.996 | 31.300 | 20.370 |
| 10/6/2025 3:00 | 2.031 | 2.112 | 2.411 | 3.383 | 2.045 | 3.827 | 61.05 | 61.569 | 59.324 | 62.083 | 60.764 | 64.996 | 31.220 | 20.090 |
| 10/6/2025 3:15 | 1.980 | 2.062 | 2.350 | 3.379 | 1.990 | 3.823 | 61.05 | 61.569 | 59.216 | 62.083 | 60.764 | 64.996 | 31.200 | 19.510 |
| 10/6/2025 3:30 | 1.933 | 2.008 | 2.297 | 3.371 | 1.943 | 3.826 | 61.05 | 61.569 | 59.180 | 61.912 | 60.764 | 64.825 | 31.140 | 19.430 |
| 10/6/2025 3:45 | 1.891 | 1.971 | 2.243 | 3.361 | 1.894 | 3.826 | 61.05 | 61.398 | 59.126 | 61.912 | 60.800 | 64.825 | 31.100 | 19.550 |
| 10/6/2025 4:00 | 1.852 | 1.934 | 2.199 | 3.362 | 1.852 | 3.821 | 61.05 | 61.398 | 59.072 | 61.912 | 60.782 | 64.825 | 31.090 | 19.680 |
| 10/6/2025 4:15 | 1.814 | 1.896 | 2.152 | 3.355 | 1.821 | 3.829 | 61.05 | 61.398 | 58.946 | 61.912 | 60.800 | 64.825 | 31.030 | 20.280 |
| 10/6/2025 4:30 | 1.788 | 1.871 | 2.122 | 3.356 | 1.792 | 3.822 | 61.05 | 61.227 | 58.766 | 61.741 | 60.800 | 64.825 | 30.990 | 21.250 |
| 10/6/2025 4:45 | 1.750 | 1.837 | 2.083 | 3.354 | 1.760 | 3.832 | 61.05 | 61.227 | 58.568 | 61.741 | 60.800 | 64.825 | 31.030 | 18.480 |
| 10/6/2025 5:00 | 1.717 | 1.806 | 2.061 | 3.345 | 1.730 | 3.833 | 61.05 | 61.227 | 58.352 | 61.741 | 60.818 | 64.825 | 31.010 | 23.290 |
| 10/6/2025 5:15 | 1.701 | 1.781 | 2.020 | 3.344 | 1.710 | 3.824 | 61.05 | 61.054 | 58.100 | 61.741 | 60.818 | 64.825 | 30.920 | 19.540 |
| 10/6/2025 5:30 | 1.671 | 1.755 | 2.011 | 3.340 | 1.676 | 3.842 | 61.23 | 61.054 | 57.974 | 61.569 | 60.818 | 64.825 | 30.870 | 21.060 |
| 10/6/2025 5:45 | 1.650 | 1.739 | 1.976 | 3.339 | 1.669 | 3.835 | 61.23 | 61.054 | 57.830 | 61.569 | 60.836 | 64.825 | 30.770 | 17.830 |
| 10/6/2025 6:00 | 1.622 | 1.708 | 1.954 | 3.323 | 1.626 | 3.834 | 61.23 | 60.883 | 57.704 | 61.569 | 60.836 | 64.825 | 30.700 | 16.890 |
| 10/6/2025 6:15 | 1.602 | 1.695 | 1.924 | 3.330 | 1.614 | 3.834 | 61.23 | 60.883 | 57.560 | 61.398 | 60.836 | 64.825 | 30.540 | 17.230 |
| 10/6/2025 6:30 | 1.589 | 1.676 | 1.908 | 3.329 | 1.586 | 3.837 | 61.23 | 60.883 | 57.434 | 61.398 | 60.836 | 64.825 | 30.490 | 16.820 |
| 10/6/2025 6:45 | 1.576 | 1.659 | 1.885 | 3.316 | 1.552 | 3.840 | 61.23 | 60.883 | 57.290 | 61.398 | 60.836 | 64.825 | 30.440 | 17.170 |
| 10/6/2025 7:00 | 1.547 | 1.646 | 1.854 | 3.311 | 1.531 | 3.842 | 61.23 | 60.712 | 57.164 | 61.398 | 60.836 | 64.825 | 30.380 | 17.750 |
| 10/6/2025 7:15 | 1.533 | 1.629 | 1.826 | 3.316 | 1.507 | 3.837 | 61.23 | 60.712 | 57.056 | 61.227 | 60.854 | 64.825 | 30.240 | 19.500 |
| 10/6/2025 7:30 | 1.514 | 1.609 | 1.802 | 3.297 | 1.490 | 3.839 | 61.23 | 60.712 | 56.966 | 61.227 | 60.854 | 64.825 | 30.130 | 19.310 |
| 10/6/2025 7:45 | 1.496 | 1.591 | 1.787 | 3.290 | 1.487 | 3.835 | 61.23 | 60.539 | 56.894 | 61.227 | 60.872 | 64.825 | 30.040 | 19.320 |
| 10/6/2025 8:00 | 1.467 | 1.563 | 1.781 | 3.277 | 1.459 | 3.832 | 61.23 | 60.539 | 56.858 | 61.054 | 60.908 | 64.825 | 30.020 | 19.040 |
| 10/6/2025 8:15 | 1.441 | 1.536 | 1.755 | 3.258 | 1.448 | 3.816 | 61.40 | 60.539 | 56.876 | 61.054 | 60.944 | 64.825 | 29.990 | 19.080 |
| 10/6/2025 8:30 | 1.422 | 1.518 | 1.743 | 3.255 | 1.456 | 3.800 | 61.40 | 60.368 | 56.966 | 61.054 | 60.962 | 64.825 | 29.950 | 18.770 |
| 10/6/2025 8:45 | 1.498 | 1.533 | 1.743 | 3.255 | 1.498 | 3.798 | 61.57 | 60.368 | 57.038 | 61.054 | 60.998 | 64.825 | 29.980 | 18.620 |
| 10/6/2025 9:00 | 1.587 | 1.616 | 1.763 | 3.245 | 1.595 | 3.809 | 61.57 | 60.368 | 57.128 | 60.883 | 60.908 | 64.996 | 29.940 | 18.590 |
| 10/6/2025 9:15 | 1.834 | 1.797 | 1.836 | 3.247 | 1.809 | 3.800 | 61.74 | 60.195 | 57.164 | 60.883 | 60.620 | 64.996 | 29.810 | 18.510 |
| 10/6/2025 9:30 | 2.210 | 2.101 | 2.009 | 3.248 | 2.131 | 3.809 | 61.57 | 60.195 | 57.362 | 60.883 | 60.512 | 64.996 | 28.330 | 16.090 |
| 10/6/2025 9:45 | 2.672 | 2.534 | 2.324 | 3.247 | 2.566 | 3.808 | 61.57 | 60.195 | 57.470 | 60.883 | 60.566 | 65.167 | 28.190 | 15.240 |
| 10/6/2025 10:00 | 3.180 | 3.005 | 2.764 | 3.237 | 3.054 | 3.803 | 61.40 | 60.195 | 57.938 | 60.883 | 60.764 | 65.167 | 29.270 | 16.560 |
| 10/6/2025 10:15 | 3.674 | 3.468 | 3.248 | 3.379 | 3.485 | 3.801 | 61.23 | 60.368 | 58.352 | 60.883 | 60.926 | 65.167 | 30.090 | 16.670 |
| 10/6/2025 10:30 | 4.030 | 3.788 | 3.689 | 3.715 | 3.784 | 3.805 | 61.23 | 60.712 | 58.964 | 60.712 | 60.962 | 65.338 | 31.060 | 19.630 |
| 10/6/2025 10:45 | 4.249 | 4.048 | 4.004 | 3.931 | 4.021 | 3.804 | 61.23 | 60.883 | 59.864 | 60.712 | 60.998 | 65.338 | 32.110 | 21.290 |
| 10/6/2025 11:00 | 4.305 | 4.191 | 4.234 | 4.060 | 4.179 | 3.814 | 61.23 | 60.883 | 60.440 | 60.712 | 61.016 | 65.338 | 32.550 | 23.830 |
| 10/6/2025 11:15 | 4.291 | 4.246 | 4.371 | 4.143 | 4.212 | 3.815 | 61.40 | 60.883 | 61.124 | 60.883 | 61.070 | 65.509 | 32.530 | 25.000 |
| 10/6/2025 11:30 | 4.188 | 4.234 | 4.429 | 4.187 | 4.190 | 3.809 | 61.40 | 60.883 | 61.232 | 61.227 | 61.160 | 65.509 | 32.600 | 29.270 |
| 10/6/2025 11:45 | 4.063 | 4.135 | 4.443 | 4.204 | 4.104 | 3.806 | 61.57 | 61.054 | 61.232 | 61.227 | 61.286 | 65.680 | 32.640 | 24.340 |
| 10/6/2025 12:00 | 3.871 | 4.003 | 4.387 | 4.198 | 3.945 | 3.799 | 61.57 | 61.227 | 61.214 | 61.398 | 61.430 | 65.680 | 32.620 | 25.860 |
| 10/6/2025 12:15 | 3.669 | 3.837 | 4.245 | 4.159 | 3.746 | 3.797 | 61.74 | 61.227 | 61.196 | 61.398 | 61.574 | 65.680 | 32.600 | 24.700 |
| 10/6/2025 12:30 | 3.438 | 3.635 | 4.105 | 4.106 | 3.533 | 3.798 | 61.91 | 61.398 | 61.214 | 61.398 | 61.916 | 65.851 | 32.600 | 24.750 |
| 10/6/2025 12:45 | 3.213 | 3.416 | 3.901 | 4.040 | 3.308 | 3.796 | 62.08 | 61.398 | 61.790 | 61.398 | 62.402 | 65.851 | 32.570 | 25.260 |
| 10/6/2025 13:00 | 2.981 | 3.175 | 3.690 | 3.912 | 3.079 | 3.812 | 62.25 | 61.569 | 62.582 | 61.398 | 62.816 | 65.851 | 32.450 | 25.060 |
| 10/6/2025 13:15 | 2.803 | 2.978 | 3.459 | 3.776 | 2.887 | 3.802 | 62.60 | 61.741 | 63.158 | 61.569 | 63.212 | 66.022 | 32.290 | 28.330 |
| 10/6/2025 13:30 | 2.632 | 2.795 | 3.262 | 3.629 | 2.714 | 3.808 | 62.60 | 62.083 | 63.806 | 61.741 | 63.554 | 66.022 | 32.160 | 27.660 |
| 10/6/2025 13:45 | 2.521 | 2.655 | 3.072 | 3.529 | 2.574 | 3.797 | 62.94 | 62.254 | 64.562 | 61.741 | 63.842 | 66.022 | 31.870 | 31.020 |
| 10/6/2025 14:00 | 2.403 | 2.533 | 2.913 | 3.469 | 2.456 | 3.807 | 63.11 | 62.254 | 65.192 | 61.912 | 64.130 | 66.022 | 31.680 | 31.050 |
| 10/6/2025 14:15 | 2.313 | 2.415 | 2.778 | 3.430 | 2.338 | 3.808 | 63.11 | 62.425 | 65.624 | 61.912 | 64.454 | 66.193 | 31.430 | 24.750 |
| 10/6/2025 14:30 | 2.217 | 2.314 | 2.660 | 3.398 | 2.257 | 3.817 | 63.28 | 62.598 | 65.858 | 62.083 | 64.724 | 66.193 | 30.980 | 23.080 |
| 10/6/2025 14:45 | 2.137 | 2.224 | 2.559 | 3.393 | 2.171 | 3.807 | 63.46 | 62.769 | 66.038 | 62.254 | 64.958 | 66.193 | 30.700 | 23.710 |
| 10/6/2025 15:00 | 2.071 | 2.153 | 2.471 | 3.375 | 2.105 | 3.803 | 63.46 | 62.940 | 66.200 | 62.425 | 65.156 | 66.366 | 30.670 | 22.690 |
| 10/6/2025 15:15 | 2.002 | 2.090 | 2.404 | 3.367 | 2.053 | 3.808 | 63.63 | 63.111 | 66.362 | 62.598 | 65.336 | 66.366 | 30.710 | 20.990 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/6/2025 15:30 | 1.951 | 2.033 | 2.348 | 3.360 | 1.998 | 3.811 | 63.80 | 63.282 | 66.650 | 62.769 | 65.498 | 66.537 | 30.680 | 21.020 |
| 10/6/2025 15:45 | 1.900 | 1.979 | 2.292 | 3.352 | 1.940 | 3.815 | 63.97 | 63.455 | 66.974 | 63.111 | 65.624 | 66.537 | 30.780 | 21.320 |
| 10/6/2025 16:00 | 1.865 | 1.934 | 2.236 | 3.342 | 1.893 | 3.810 | 63.97 | 63.626 | 67.280 | 63.282 | 65.732 | 66.537 | 30.830 | 21.980 |
| 10/6/2025 16:15 | 1.818 | 1.901 | 2.192 | 3.343 | 1.852 | 3.812 | 64.14 | 63.797 | 67.604 | 63.455 | 65.822 | 66.708 | 30.930 | 22.080 |
| 10/6/2025 16:30 | 1.783 | 1.863 | 2.142 | 3.340 | 1.819 | 3.809 | 64.31 | 63.968 | 67.874 | 63.626 | 65.894 | 66.708 | 30.980 | 22.720 |
| 10/6/2025 16:45 | 1.749 | 1.820 | 2.112 | 3.337 | 1.786 | 3.817 | 64.48 | 63.968 | 68.090 | 63.797 | 65.948 | 66.708 | 30.990 | 20.060 |
| 10/6/2025 17:00 | 1.722 | 1.788 | 2.082 | 3.328 | 1.751 | 3.820 | 64.31 | 64.139 | 68.288 | 63.968 | 65.966 | 66.708 | 31.030 | 20.000 |
| 10/6/2025 17:15 | 1.691 | 1.759 | 2.046 | 3.321 | 1.721 | 3.815 | 64.31 | 64.310 | 68.432 | 64.139 | 65.948 | 66.879 | 31.000 | 20.030 |
| 10/6/2025 17:30 | 1.665 | 1.738 | 2.010 | 3.320 | 1.693 | 3.808 | 64.31 | 64.310 | 68.486 | 64.139 | 65.912 | 66.879 | 31.020 | 20.050 |
| 10/6/2025 17:45 | 1.640 | 1.706 | 1.987 | 3.315 | 1.666 | 3.822 | 64.31 | 64.481 | 68.432 | 64.310 | 65.858 | 66.879 | 31.000 | 19.650 |
| 10/6/2025 18:00 | 1.615 | 1.685 | 1.953 | 3.312 | 1.639 | 3.816 | 64.65 | 64.652 | 68.288 | 64.310 | 65.822 | 66.708 | 30.970 | 18.470 |
| 10/6/2025 18:15 | 1.592 | 1.662 | 1.924 | 3.300 | 1.602 | 3.825 | 64.83 | 64.652 | 68.036 | 64.310 | 65.768 | 66.708 | 30.940 | 18.200 |
| 10/6/2025 18:30 | 1.573 | 1.644 | 1.901 | 3.305 | 1.583 | 3.814 | 64.83 | 64.825 | 67.712 | 64.310 | 65.714 | 66.708 | 30.880 | 19.710 |
| 10/6/2025 18:45 | 1.554 | 1.622 | 1.883 | 3.295 | 1.566 | 3.823 | 64.83 | 64.825 | 67.352 | 64.310 | 65.696 | 66.708 | 30.860 | 19.340 |
| 10/6/2025 19:00 | 1.541 | 1.610 | 1.855 | 3.290 | 1.550 | 3.827 | 64.65 | 64.825 | 66.938 | 64.310 | 65.660 | 66.708 | 30.830 | 22.900 |
| 10/6/2025 19:15 | 1.513 | 1.590 | 1.843 | 3.285 | 1.540 | 3.822 | 64.65 | 64.996 | 66.488 | 64.310 | 65.642 | 66.708 | 30.790 | 22.880 |
| 10/6/2025 19:30 | 1.495 | 1.573 | 1.837 | 3.272 | 1.517 | 3.829 | 64.65 | 64.996 | 66.020 | 64.310 | 65.624 | 66.708 | 30.770 | 18.690 |
| 10/6/2025 19:45 | 1.481 | 1.559 | 1.808 | 3.269 | 1.510 | 3.822 | 64.65 | 64.996 | 65.588 | 64.139 | 65.606 | 66.537 | 30.720 | 19.890 |
| 10/6/2025 20:00 | 1.455 | 1.538 | 1.796 | 3.255 | 1.481 | 3.824 | 64.65 | 64.996 | 65.174 | 64.139 | 65.570 | 66.537 | 30.680 | 20.230 |
| 10/6/2025 20:15 | 1.449 | 1.521 | 1.781 | 3.257 | 1.473 | 3.818 | 64.65 | 64.996 | 64.796 | 64.139 | 65.534 | 66.537 | 30.630 | 20.280 |
| 10/6/2025 20:30 | 1.434 | 1.510 | 1.768 | 3.253 | 1.464 | 3.830 | 64.65 | 64.996 | 64.436 | 63.968 | 65.498 | 66.366 | 30.650 | 20.250 |
| 10/6/2025 20:45 | 1.417 | 1.490 | 1.760 | 3.252 | 1.450 | 3.827 | 64.65 | 64.996 | 64.112 | 63.968 | 65.480 | 66.366 | 30.600 | 20.280 |
| 10/6/2025 21:00 | 1.415 | 1.492 | 1.751 | 3.250 | 1.449 | 3.822 | 64.65 | 64.996 | 63.824 | 63.968 | 65.462 | 66.366 | 30.520 | 20.160 |
| 10/6/2025 21:15 | 1.524 | 1.552 | 1.734 | 3.252 | 1.530 | 3.823 | 64.65 | 64.996 | 63.536 | 63.797 | 65.408 | 66.193 | 30.520 | 20.140 |
| 10/6/2025 21:30 | 1.712 | 1.668 | 1.786 | 3.254 | 1.675 | 3.822 | 64.65 | 64.996 | 63.284 | 63.797 | 65.318 | 66.193 | 30.440 | 24.400 |
| 10/6/2025 21:45 | 2.005 | 1.907 | 1.899 | 3.250 | 1.928 | 3.827 | 64.65 | 64.825 | 63.050 | 63.626 | 65.174 | 66.022 | 30.280 | 19.710 |
| 10/6/2025 22:00 | 2.463 | 2.298 | 2.132 | 3.242 | 2.350 | 3.820 | 64.65 | 64.825 | 62.924 | 63.626 | 65.066 | 66.022 | 30.160 | 16.730 |
| 10/6/2025 22:15 | 3.005 | 2.790 | 2.536 | 3.246 | 2.822 | 3.816 | 62.77 | 64.825 | 62.996 | 63.455 | 64.688 | 65.851 | 30.110 | 20.970 |
| 10/6/2025 22:30 | 3.508 | 3.293 | 3.022 | 3.271 | 3.306 | 3.820 | 62.08 | 64.652 | 63.590 | 63.282 | 64.022 | 65.851 | 30.030 | 19.880 |
| 10/6/2025 22:45 | 3.954 | 3.675 | 3.510 | 3.582 | 3.654 | 3.819 | 61.91 | 64.139 | 64.076 | 63.282 | 63.284 | 65.851 | 30.030 | 20.580 |
| 10/6/2025 23:00 | 4.197 | 3.948 | 3.886 | 3.845 | 3.939 | 3.819 | 61.40 | 62.940 | 64.292 | 63.111 | 62.618 | 65.851 | 30.010 | 21.810 |
| 10/6/2025 23:15 | 4.330 | 4.145 | 4.157 | 4.010 | 4.132 | 3.814 | 61.40 | 62.425 | 64.292 | 63.111 | 62.114 | 65.680 | 30.070 | 24.160 |
| 10/6/2025 23:30 | 4.311 | 4.227 | 4.349 | 4.107 | 4.213 | 3.816 | 61.23 | 62.254 | 63.464 | 63.282 | 61.790 | 65.680 | 30.080 | 29.950 |
| 10/6/2025 23:45 | 4.283 | 4.249 | 4.429 | 4.176 | 4.211 | 3.811 | 61.05 | 61.912 | 62.528 | 63.111 | 61.538 | 65.680 | 30.120 | 30.330 |
| 10/7/2025 0:00 | 4.157 | 4.192 | 4.456 | 4.211 | 4.133 | 3.815 | 61.05 | 61.912 | 62.060 | 62.940 | 61.340 | 65.680 | 30.200 | 30.840 |
| 10/7/2025 0:15 | 3.987 | 4.073 | 4.420 | 4.221 | 3.995 | 3.823 | 61.05 | 61.741 | 61.718 | 62.598 | 61.178 | 65.680 | 30.290 | 24.580 |
| 10/7/2025 0:30 | 3.784 | 3.907 | 4.299 | 4.194 | 3.826 | 3.823 | 60.88 | 61.741 | 61.448 | 62.598 | 61.070 | 65.509 | 30.300 | 25.200 |
| 10/7/2025 0:45 | 3.536 | 3.715 | 4.159 | 4.151 | 3.600 | 3.815 | 61.05 | 61.741 | 61.340 | 62.598 | 60.980 | 65.509 | 30.360 | 24.760 |
| 10/7/2025 1:00 | 3.291 | 3.489 | 3.969 | 4.066 | 3.337 | 3.827 | 61.05 | 61.912 | 61.304 | 62.598 | 60.944 | 65.509 | 30.420 | 27.180 |
| 10/7/2025 1:15 | 3.046 | 3.237 | 3.734 | 3.954 | 3.115 | 3.828 | 61.05 | 62.425 | 61.268 | 62.598 | 60.926 | 65.509 | 30.490 | 26.000 |
| 10/7/2025 1:30 | 2.860 | 3.029 | 3.498 | 3.824 | 2.916 | 3.816 | 61.23 | 62.425 | 61.268 | 62.598 | 60.962 | 65.509 | 30.470 | 24.560 |
| 10/7/2025 1:45 | 2.692 | 2.850 | 3.293 | 3.667 | 2.732 | 3.823 | 61.23 | 62.598 | 61.322 | 62.598 | 61.016 | 65.509 | 30.560 | 29.220 |
| 10/7/2025 2:00 | 2.547 | 2.674 | 3.098 | 3.559 | 2.583 | 3.828 | 61.23 | 62.598 | 61.394 | 62.598 | 61.070 | 65.509 | 30.560 | 27.020 |
| 10/7/2025 2:15 | 2.429 | 2.542 | 2.935 | 3.490 | 2.456 | 3.822 | 61.23 | 62.598 | 61.412 | 62.598 | 61.124 | 65.509 | 30.610 | 27.760 |
| 10/7/2025 2:30 | 2.327 | 2.423 | 2.780 | 3.448 | 2.344 | 3.823 | 61.23 | 62.598 | 61.358 | 62.598 | 61.178 | 65.509 | 30.640 | 27.300 |
| 10/7/2025 2:45 | 2.229 | 2.320 | 2.660 | 3.414 | 2.245 | 3.824 | 61.40 | 62.598 | 61.250 | 62.598 | 61.214 | 65.509 | 30.640 | 28.930 |
| 10/7/2025 3:00 | 2.146 | 2.231 | 2.549 | 3.400 | 2.167 | 3.816 | 61.57 | 62.598 | 61.088 | 62.425 | 61.250 | 65.338 | 30.650 | 26.210 |
| 10/7/2025 3:15 | 2.076 | 2.151 | 2.462 | 3.394 | 2.082 | 3.816 | 61.40 | 62.598 | 60.944 | 62.425 | 61.286 | 65.338 | 30.650 | 25.210 |
| 10/7/2025 3:30 | 2.004 | 2.093 | 2.384 | 3.381 | 2.029 | 3.825 | 61.40 | 62.425 | 60.818 | 62.425 | 61.322 | 65.338 | 30.660 | 24.740 |
| 10/7/2025 3:45 | 1.953 | 2.032 | 2.329 | 3.378 | 1.965 | 3.820 | 61.40 | 62.425 | 60.692 | 62.425 | 61.340 | 65.338 | 30.680 | 24.670 |
| 10/7/2025 4:00 | 1.899 | 1.980 | 2.257 | 3.375 | 1.908 | 3.821 | 61.23 | 62.425 | 60.512 | 62.254 | 61.358 | 65.338 | 30.670 | 25.250 |
| 10/7/2025 4:15 | 1.847 | 1.922 | 2.210 | 3.367 | 1.858 | 3.826 | 61.23 | 62.425 | 60.386 | 62.254 | 61.376 | 65.167 | 30.600 | 20.860 |
| 10/7/2025 4:30 | 1.816 | 1.896 | 2.164 | 3.372 | 1.811 | 3.825 | 61.23 | 62.254 | 60.260 | 62.254 | 61.394 | 65.167 | 30.630 | 20.060 |
| 10/7/2025 4:45 | 1.777 | 1.846 | 2.113 | 3.368 | 1.785 | 3.834 | 61.23 | 62.254 | 60.134 | 62.254 | 61.412 | 65.167 | 30.620 | 20.000 |
| 10/7/2025 5:00 | 1.743 | 1.817 | 2.077 | 3.358 | 1.741 | 3.823 | 61.23 | 62.254 | 59.972 | 62.254 | 61.412 | 65.167 | 30.550 | 20.000 |
| 10/7/2025 5:15 | 1.702 | 1.788 | 2.046 | 3.352 | 1.718 | 3.828 | 61.40 | 62.083 | 59.810 | 62.254 | 61.430 | 65.167 | 30.590 | 20.290 |
| 10/7/2025 5:30 | 1.678 | 1.757 | 2.021 | 3.340 | 1.696 | 3.826 | 61.40 | 62.083 | 59.594 | 62.083 | 61.430 | 65.167 | 30.580 | 20.310 |
| 10/7/2025 5:45 | 1.659 | 1.742 | 2.000 | 3.352 | 1.667 | 3.829 | 61.40 | 61.912 | 59.342 | 62.083 | 61.448 | 64.996 | 30.570 | 23.490 |
| 10/7/2025 6:00 | 1.625 | 1.705 | 1.970 | 3.342 | 1.633 | 3.827 | 61.40 | 61.912 | 59.126 | 62.083 | 61.448 | 64.996 | 30.560 | 23.600 |
| 10/7/2025 6:15 | 1.600 | 1.687 | 1.943 | 3.343 | 1.615 | 3.824 | 61.57 | 61.912 | 58.928 | 62.083 | 61.466 | 64.996 | 30.560 | 23.020 |
| 10/7/2025 6:30 | 1.592 | 1.671 | 1.910 | 3.339 | 1.596 | 3.833 | 61.57 | 61.741 | 58.748 | 61.912 | 61.466 | 64.996 | 30.550 | 23.390 |
| 10/7/2025 6:45 | 1.576 | 1.664 | 1.898 | 3.331 | 1.575 | 3.826 | 61.57 | 61.741 | 58.568 | 61.912 | 61.484 | 64.996 | 30.490 | 21.860 |
| 10/7/2025 7:00 | 1.554 | 1.638 | 1.870 | 3.325 | 1.536 | 3.833 | 61.57 | 61.569 | 58.424 | 61.912 | 61.484 | 64.996 | 30.530 | 21.370 |
| 10/7/2025 7:15 | 1.530 | 1.615 | 1.839 | 3.317 | 1.505 | 3.835 | 61.57 | 61.569 | 58.298 | 61.912 | 61.484 | 64.996 | 30.530 | 21.610 |
| 10/7/2025 7:30 | 1.520 | 1.593 | 1.810 | 3.314 | 1.500 | 3.830 | 61.57 | 61.569 | 58.190 | 61.741 | 61.484 | 64.996 | 30.470 | 22.190 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/7/2025 7:45 | 1.501 | 1.581 | 1.792 | 3.302 | 1.479 | 3.835 | 61.57 | 61.398 | 58.082 | 61.741 | 61.502 | 64.996 | 30.430 | 21.950 |
| 10/7/2025 8:00 | 1.471 | 1.556 | 1.785 | 3.277 | 1.455 | 3.832 | 61.57 | 61.398 | 58.010 | 61.741 | 61.520 | 64.996 | 30.450 | 21.420 |
| 10/7/2025 8:15 | 1.446 | 1.532 | 1.755 | 3.268 | 1.449 | 3.818 | 61.57 | 61.398 | 57.974 | 61.741 | 61.556 | 64.996 | 30.480 | 22.520 |
| 10/7/2025 8:30 | 1.437 | 1.530 | 1.752 | 3.269 | 1.436 | 3.808 | 61.74 | 61.227 | 57.956 | 61.569 | 61.574 | 64.996 | 30.410 | 21.550 |
| 10/7/2025 8:45 | 1.420 | 1.517 | 1.739 | 3.261 | 1.425 | 3.815 | 61.74 | 61.227 | 58.010 | 61.569 | 61.592 | 64.996 | 30.400 | 21.710 |
| 10/7/2025 9:00 | 1.408 | 1.493 | 1.721 | 3.255 | 1.428 | 3.814 | 61.91 | 61.227 | 58.100 | 61.569 | 61.628 | 65.167 | 30.380 | 21.560 |
| 10/7/2025 9:15 | 1.465 | 1.506 | 1.725 | 3.254 | 1.478 | 3.801 | 61.91 | 61.227 | 58.244 | 61.569 | 61.664 | 65.167 | 30.330 | 20.880 |
| 10/7/2025 9:30 | 1.574 | 1.600 | 1.742 | 3.251 | 1.586 | 3.807 | 62.08 | 61.227 | 58.460 | 61.569 | 61.664 | 65.167 | 30.250 | 20.350 |
| 10/7/2025 9:45 | 1.880 | 1.782 | 1.832 | 3.242 | 1.834 | 3.806 | 62.08 | 61.227 | 58.730 | 61.569 | 61.520 | 65.338 | 30.220 | 20.220 |
| 10/7/2025 10:00 | 2.370 | 2.181 | 2.023 | 3.245 | 2.253 | 3.800 | 62.08 | 61.054 | 59.126 | 61.398 | 61.466 | 65.338 | 30.140 | 17.870 |
| 10/7/2025 10:15 | 3.018 | 2.758 | 2.433 | 3.258 | 2.831 | 3.812 | 61.74 | 61.054 | 59.198 | 61.398 | 61.628 | 65.338 | 30.140 | 19.370 |
| 10/7/2025 10:30 | 3.660 | 3.339 | 2.993 | 3.281 | 3.393 | 3.821 | 61.05 | 61.227 | 59.108 | 61.398 | 61.556 | 65.338 | 30.050 | 21.230 |
| 10/7/2025 10:45 | 4.211 | 3.784 | 3.595 | 3.660 | 3.783 | 3.819 | 60.71 | 61.398 | 59.468 | 61.398 | 60.926 | 65.509 | 31.090 | 21.410 |
| 10/7/2025 11:00 | 4.524 | 4.115 | 3.995 | 3.921 | 4.123 | 3.825 | 60.71 | 61.227 | 60.044 | 61.398 | 60.638 | 65.509 | 31.890 | 20.060 |
| 10/7/2025 11:15 | 4.737 | 4.322 | 4.311 | 4.088 | 4.336 | 3.820 | 60.71 | 61.054 | 60.710 | 61.398 | 60.458 | 65.680 | 32.580 | 23.080 |
| 10/7/2025 11:30 | 4.842 | 4.443 | 4.485 | 4.191 | 4.471 | 3.828 | 60.71 | 61.054 | 60.998 | 61.569 | 60.494 | 65.680 | 32.700 | 24.790 |
| 10/7/2025 11:45 | 4.869 | 4.525 | 4.599 | 4.248 | 4.568 | 3.819 | 60.88 | 61.054 | 60.872 | 61.569 | 60.530 | 65.851 | 32.690 | 23.850 |
| 10/7/2025 12:00 | 4.891 | 4.586 | 4.691 | 4.297 | 4.621 | 3.813 | 60.88 | 61.054 | 60.746 | 61.569 | 60.638 | 65.851 | 32.790 | 30.580 |
| 10/7/2025 12:15 | 4.786 | 4.618 | 4.750 | 4.341 | 4.637 | 3.812 | 61.05 | 61.227 | 60.746 | 61.569 | 60.728 | 65.851 | 32.720 | 31.330 |
| 10/7/2025 12:30 | 4.608 | 4.607 | 4.796 | 4.380 | 4.578 | 3.810 | 61.05 | 61.227 | 60.800 | 61.569 | 60.818 | 66.022 | 32.700 | 31.730 |
| 10/7/2025 12:45 | 4.457 | 4.550 | 4.792 | 4.412 | 4.493 | 3.814 | 61.05 | 61.398 | 60.908 | 61.741 | 60.962 | 66.022 | 32.680 | 32.050 |
| 10/7/2025 13:00 | 4.255 | 4.380 | 4.748 | 4.408 | 4.314 | 3.822 | 61.23 | 61.398 | 61.034 | 61.741 | 61.124 | 66.022 | 32.740 | 32.250 |
| 10/7/2025 13:15 | 4.019 | 4.211 | 4.630 | 4.415 | 4.123 | 3.812 | 61.40 | 61.398 | 61.178 | 61.741 | 61.358 | 66.193 | 32.790 | 32.320 |
| 10/7/2025 13:30 | 3.803 | 4.016 | 4.488 | 4.374 | 3.907 | 3.827 | 61.57 | 61.569 | 61.304 | 61.741 | 61.682 | 66.193 | 32.760 | 32.360 |
| 10/7/2025 13:45 | 3.569 | 3.823 | 4.288 | 4.326 | 3.690 | 3.840 | 61.91 | 61.741 | 61.592 | 61.912 | 62.168 | 66.366 | 32.760 | 32.410 |
| 10/7/2025 14:00 | 3.317 | 3.589 | 4.122 | 4.272 | 3.432 | 3.866 | 62.08 | 61.912 | 62.654 | 61.912 | 62.636 | 66.537 | 32.650 | 32.430 |
| 10/7/2025 14:15 | 3.085 | 3.363 | 3.883 | 4.206 | 3.211 | 3.873 | 62.77 | 62.254 | 63.374 | 62.083 | 63.158 | 66.537 | 32.520 | 32.500 |
| 10/7/2025 14:30 | 2.880 | 3.143 | 3.662 | 4.136 | 2.986 | 3.862 | 62.94 | 62.425 | 63.878 | 62.254 | 63.716 | 66.537 | 32.380 | 32.480 |
| 10/7/2025 14:45 | 2.708 | 2.965 | 3.453 | 4.075 | 2.805 | 3.850 | 63.28 | 62.598 | 64.436 | 62.425 | 64.148 | 66.537 | 32.370 | 32.490 |
| 10/7/2025 15:00 | 2.551 | 2.796 | 3.264 | 3.979 | 2.640 | 3.853 | 63.28 | 62.598 | 65.030 | 62.425 | 64.526 | 66.708 | 32.230 | 29.000 |
| 10/7/2025 15:15 | 2.428 | 2.663 | 3.090 | 3.891 | 2.510 | 3.839 | 63.28 | 62.769 | 65.444 | 62.598 | 64.886 | 66.708 | 32.130 | 33.410 |
| 10/7/2025 15:30 | 2.313 | 2.519 | 2.942 | 3.773 | 2.408 | 3.843 | 63.46 | 62.769 | 65.696 | 62.769 | 65.228 | 66.708 | 32.060 | 32.190 |
| 10/7/2025 15:45 | 2.219 | 2.397 | 2.815 | 3.664 | 2.306 | 3.827 | 63.80 | 62.940 | 65.804 | 62.769 | 65.516 | 66.708 | 31.940 | 32.240 |
| 10/7/2025 16:00 | 2.130 | 2.287 | 2.692 | 3.580 | 2.200 | 3.831 | 63.80 | 63.111 | 65.804 | 62.769 | 65.750 | 66.708 | 31.850 | 32.210 |
| 10/7/2025 16:15 | 2.055 | 2.190 | 2.566 | 3.522 | 2.112 | 3.824 | 64.14 | 63.111 | 65.822 | 62.940 | 65.930 | 66.708 | 31.760 | 32.120 |
| 10/7/2025 16:30 | 1.996 | 2.114 | 2.465 | 3.491 | 2.042 | 3.824 | 64.14 | 63.282 | 65.840 | 62.940 | 66.020 | 66.708 | 31.610 | 32.180 |
| 10/7/2025 16:45 | 1.943 | 2.048 | 2.376 | 3.466 | 1.971 | 3.828 | 64.31 | 63.455 | 65.894 | 62.940 | 66.038 | 66.708 | 31.490 | 32.160 |
| 10/7/2025 17:00 | 1.886 | 1.986 | 2.295 | 3.458 | 1.921 | 3.831 | 64.14 | 63.455 | 65.930 | 63.111 | 66.020 | 66.708 | 31.340 | 32.150 |
| 10/7/2025 17:15 | 1.841 | 1.935 | 2.238 | 3.445 | 1.881 | 3.834 | 64.14 | 63.626 | 65.984 | 63.111 | 65.966 | 66.708 | 31.250 | 32.140 |
| 10/7/2025 17:30 | 1.800 | 1.891 | 2.183 | 3.432 | 1.831 | 3.829 | 64.14 | 63.626 | 66.056 | 63.111 | 65.894 | 66.708 | 31.170 | 32.140 |
| 10/7/2025 17:45 | 1.759 | 1.859 | 2.147 | 3.429 | 1.786 | 3.824 | 64.14 | 63.797 | 66.128 | 63.111 | 65.822 | 66.708 | 31.090 | 32.160 |
| 10/7/2025 18:00 | 1.728 | 1.817 | 2.105 | 3.429 | 1.759 | 3.836 | 64.31 | 63.797 | 66.200 | 63.111 | 65.750 | 66.708 | 31.050 | 32.130 |
| 10/7/2025 18:15 | 1.703 | 1.798 | 2.072 | 3.429 | 1.729 | 3.829 | 64.14 | 63.797 | 66.272 | 63.111 | 65.678 | 66.708 | 30.960 | 32.120 |
| 10/7/2025 18:30 | 1.673 | 1.763 | 2.048 | 3.417 | 1.695 | 3.840 | 63.97 | 63.968 | 66.326 | 63.111 | 65.588 | 66.708 | 30.940 | 32.110 |
| 10/7/2025 18:45 | 1.633 | 1.731 | 2.017 | 3.412 | 1.659 | 3.836 | 63.97 | 63.968 | 66.362 | 63.111 | 65.534 | 66.708 | 30.920 | 32.080 |
| 10/7/2025 19:00 | 1.623 | 1.716 | 1.980 | 3.413 | 1.639 | 3.831 | 64.14 | 63.968 | 66.398 | 63.111 | 65.462 | 66.708 | 30.880 | 31.880 |
| 10/7/2025 19:15 | 1.602 | 1.704 | 1.966 | 3.404 | 1.626 | 3.831 | 64.14 | 63.968 | 66.380 | 63.111 | 65.408 | 66.537 | 30.820 | 31.430 |
| 10/7/2025 19:30 | 1.576 | 1.676 | 1.953 | 3.390 | 1.609 | 3.830 | 64.14 | 64.139 | 66.344 | 63.111 | 65.354 | 66.537 | 30.750 | 30.820 |
| 10/7/2025 19:45 | 1.551 | 1.650 | 1.929 | 3.387 | 1.581 | 3.825 | 64.31 | 64.139 | 66.308 | 63.111 | 65.354 | 66.537 | 30.730 | 30.150 |
| 10/7/2025 20:00 | 1.532 | 1.643 | 1.918 | 3.385 | 1.571 | 3.822 | 64.31 | 64.139 | 66.236 | 63.111 | 65.336 | 66.537 | 30.680 | 29.630 |
| 10/7/2025 20:15 | 1.514 | 1.622 | 1.901 | 3.382 | 1.559 | 3.827 | 64.31 | 64.139 | 66.146 | 63.111 | 65.336 | 66.537 | 30.600 | 29.110 |
| 10/7/2025 20:30 | 1.503 | 1.615 | 1.892 | 3.383 | 1.527 | 3.821 | 64.48 | 64.139 | 66.056 | 63.111 | 65.336 | 66.537 | 30.550 | 28.680 |
| 10/7/2025 20:45 | 1.482 | 1.603 | 1.873 | 3.371 | 1.533 | 3.822 | 64.31 | 64.139 | 65.930 | 63.111 | 65.336 | 66.537 | 30.530 | 28.360 |
| 10/7/2025 21:00 | 1.475 | 1.589 | 1.869 | 3.368 | 1.514 | 3.821 | 64.31 | 64.310 | 65.822 | 63.111 | 65.336 | 66.537 | 30.510 | 28.100 |
| 10/7/2025 21:15 | 1.468 | 1.590 | 1.850 | 3.373 | 1.489 | 3.811 | 64.31 | 64.310 | 65.696 | 63.111 | 65.336 | 66.366 | 30.460 | 27.920 |
| 10/7/2025 21:30 | 1.444 | 1.566 | 1.833 | 3.360 | 1.472 | 3.830 | 64.31 | 64.310 | 65.570 | 63.111 | 65.318 | 66.366 | 30.440 | 27.750 |
| 10/7/2025 21:45 | 1.467 | 1.563 | 1.835 | 3.357 | 1.473 | 3.822 | 64.31 | 64.310 | 65.444 | 63.111 | 65.300 | 66.366 | 30.360 | 27.660 |
| 10/7/2025 22:00 | 1.576 | 1.614 | 1.821 | 3.351 | 1.597 | 3.823 | 64.31 | 64.310 | 65.318 | 63.111 | 65.264 | 66.366 | 30.310 | 27.530 |
| 10/7/2025 22:15 | 1.799 | 1.785 | 1.845 | 3.345 | 1.795 | 3.824 | 64.14 | 64.310 | 65.138 | 63.111 | 65.210 | 66.366 | 30.250 | 27.770 |
| 10/7/2025 22:30 | 2.203 | 2.093 | 2.037 | 3.351 | 2.130 | 3.815 | 64.14 | 64.310 | 64.850 | 63.111 | 65.120 | 66.366 | 30.180 | 28.650 |
| 10/7/2025 22:45 | 2.745 | 2.570 | 2.344 | 3.347 | 2.639 | 3.820 | 64.14 | 64.310 | 64.796 | 63.111 | 65.012 | 66.193 | 30.140 | 28.550 |
| 10/7/2025 23:00 | 3.323 | 3.100 | 2.809 | 3.339 | 3.160 | 3.824 | 62.43 | 64.310 | 64.814 | 62.940 | 64.616 | 66.193 | 30.080 | 28.430 |
| 10/7/2025 23:15 | 3.870 | 3.559 | 3.360 | 3.545 | 3.595 | 3.817 | 61.57 | 64.310 | 64.886 | 62.940 | 63.698 | 66.193 | 30.190 | 28.400 |
| 10/7/2025 23:30 | 4.245 | 3.904 | 3.820 | 3.818 | 3.929 | 3.818 | 61.23 | 63.626 | 64.958 | 62.940 | 62.834 | 66.193 | 30.190 | 28.420 |
| 10/7/2025 23:45 | 4.466 | 4.161 | 4.135 | 4.002 | 4.181 | 3.819 | 61.05 | 62.254 | 64.922 | 63.111 | 62.312 | 66.193 | 30.220 | 28.490 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/8/2025 0:00 | 4.592 | 4.306 | 4.378 | 4.119 | 4.328 | 3.816 | 60.88 | 61.912 | 64.670 | 63.111 | 61.862 | 66.193 | 30.330 | 28.680 |
| 10/8/2025 0:15 | 4.627 | 4.395 | 4.509 | 4.192 | 4.410 | 3.825 | 60.88 | 61.912 | 63.806 | 63.111 | 61.556 | 66.193 | 30.540 | 28.940 |
| 10/8/2025 0:30 | 4.615 | 4.445 | 4.592 | 4.256 | 4.475 | 3.821 | 60.71 | 61.741 | 62.636 | 63.111 | 61.286 | 66.193 | 30.690 | 31.430 |
| 10/8/2025 0:45 | 4.480 | 4.451 | 4.657 | 4.295 | 4.445 | 3.822 | 60.71 | 61.569 | 60.818 | 62.598 | 61.070 | 66.193 | 30.760 | 32.980 |
| 10/8/2025 1:00 | 4.357 | 4.417 | 4.665 | 4.326 | 4.369 | 3.814 | 60.54 | 61.398 | 60.674 | 62.425 | 60.926 | 66.193 | 30.770 | 33.020 |
| 10/8/2025 1:15 | 4.157 | 4.269 | 4.638 | 4.347 | 4.202 | 3.812 | 60.54 | 61.227 | 60.728 | 62.254 | 60.836 | 66.193 | 30.860 | 33.010 |
| 10/8/2025 1:30 | 3.934 | 4.088 | 4.515 | 4.329 | 3.991 | 3.825 | 60.54 | 61.398 | 60.692 | 62.083 | 60.764 | 66.022 | 30.890 | 33.040 |
| 10/8/2025 1:45 | 3.680 | 3.893 | 4.335 | 4.292 | 3.770 | 3.824 | 60.71 | 61.398 | 60.674 | 62.083 | 60.746 | 66.022 | 30.920 | 33.010 |
| 10/8/2025 2:00 | 3.419 | 3.653 | 4.154 | 4.243 | 3.510 | 3.826 | 60.71 | 61.741 | 60.746 | 62.083 | 60.764 | 66.022 | 30.960 | 32.910 |
| 10/8/2025 2:15 | 3.158 | 3.407 | 3.924 | 4.183 | 3.246 | 3.831 | 60.88 | 62.083 | 60.926 | 62.083 | 60.836 | 66.022 | 30.980 | 32.990 |
| 10/8/2025 2:30 | 2.929 | 3.188 | 3.685 | 4.101 | 3.017 | 3.838 | 61.05 | 62.254 | 61.052 | 62.083 | 60.926 | 66.022 | 30.960 | 34.100 |
| 10/8/2025 2:45 | 2.740 | 2.969 | 3.471 | 4.008 | 2.825 | 3.833 | 61.23 | 62.254 | 61.160 | 62.083 | 61.052 | 66.022 | 30.970 | 32.870 |
| 10/8/2025 3:00 | 2.581 | 2.803 | 3.266 | 3.894 | 2.656 | 3.830 | 61.40 | 62.425 | 61.322 | 62.254 | 61.142 | 66.022 | 30.930 | 31.320 |
| 10/8/2025 3:15 | 2.444 | 2.643 | 3.082 | 3.771 | 2.507 | 3.829 | 61.40 | 62.425 | 61.574 | 62.254 | 61.250 | 66.022 | 30.900 | 32.660 |
| 10/8/2025 3:30 | 2.323 | 2.499 | 2.913 | 3.660 | 2.373 | 3.830 | 61.57 | 62.425 | 61.826 | 62.254 | 61.358 | 66.022 | 30.890 | 32.590 |
| 10/8/2025 3:45 | 2.214 | 2.370 | 2.756 | 3.565 | 2.264 | 3.828 | 61.57 | 62.425 | 62.024 | 62.425 | 61.484 | 66.022 | 30.870 | 32.560 |
| 10/8/2025 4:00 | 2.124 | 2.262 | 2.623 | 3.515 | 2.175 | 3.819 | 61.57 | 62.425 | 62.150 | 62.425 | 61.628 | 66.022 | 30.830 | 32.530 |
| 10/8/2025 4:15 | 2.042 | 2.163 | 2.506 | 3.480 | 2.074 | 3.830 | 61.74 | 62.425 | 62.204 | 62.425 | 61.754 | 66.022 | 30.790 | 32.510 |
| 10/8/2025 4:30 | 1.968 | 2.084 | 2.409 | 3.454 | 2.000 | 3.823 | 61.74 | 62.425 | 62.204 | 62.425 | 61.862 | 66.022 | 30.770 | 32.470 |
| 10/8/2025 4:45 | 1.897 | 2.015 | 2.317 | 3.438 | 1.932 | 3.820 | 61.91 | 62.598 | 62.168 | 62.425 | 61.934 | 66.022 | 30.750 | 32.370 |
| 10/8/2025 5:00 | 1.850 | 1.957 | 2.253 | 3.438 | 1.875 | 3.824 | 61.91 | 62.598 | 62.132 | 62.425 | 62.006 | 66.022 | 30.690 | 31.080 |
| 10/8/2025 5:15 | 1.799 | 1.908 | 2.185 | 3.423 | 1.832 | 3.828 | 61.91 | 62.598 | 62.078 | 62.425 | 62.042 | 66.022 | 30.720 | 29.900 |
| 10/8/2025 5:30 | 1.752 | 1.859 | 2.150 | 3.420 | 1.796 | 3.828 | 61.91 | 62.598 | 62.042 | 62.425 | 62.078 | 66.022 | 30.620 | 29.430 |
| 10/8/2025 5:45 | 1.706 | 1.814 | 2.119 | 3.410 | 1.757 | 3.818 | 61.91 | 62.598 | 62.024 | 62.425 | 62.096 | 66.022 | 30.590 | 29.010 |
| 10/8/2025 6:00 | 1.673 | 1.774 | 2.070 | 3.400 | 1.698 | 3.827 | 61.91 | 62.598 | 62.006 | 62.425 | 62.114 | 66.022 | 30.550 | 28.630 |
| 10/8/2025 6:15 | 1.649 | 1.751 | 2.010 | 3.404 | 1.657 | 3.814 | 61.91 | 62.598 | 61.988 | 62.425 | 62.114 | 66.022 | 30.520 | 28.190 |
| 10/8/2025 6:30 | 1.621 | 1.727 | 1.976 | 3.396 | 1.637 | 3.829 | 61.91 | 62.425 | 61.970 | 62.425 | 62.132 | 66.022 | 30.430 | 21.980 |
| 10/8/2025 6:45 | 1.598 | 1.694 | 1.956 | 3.389 | 1.610 | 3.829 | 61.91 | 62.425 | 61.970 | 62.425 | 62.132 | 66.022 | 30.420 | 21.750 |
| 10/8/2025 7:00 | 1.564 | 1.668 | 1.937 | 3.382 | 1.608 | 3.830 | 61.91 | 62.425 | 61.970 | 62.425 | 62.132 | 66.022 | 30.410 | 22.240 |
| 10/8/2025 7:15 | 1.558 | 1.693 | 1.944 | 3.400 | 1.611 | 3.826 | 61.91 | 62.425 | 61.970 | 62.425 | 62.132 | 66.022 | 30.380 | 22.150 |
| 10/8/2025 7:30 | 1.540 | 1.699 | 1.982 | 3.410 | 1.602 | 4.172 | 61.91 | 62.425 | 61.988 | 62.425 | 62.132 | 66.022 | 30.400 | 22.090 |
| 10/8/2025 7:45 | 1.531 | 1.683 | 1.969 | 3.409 | 1.590 | 4.204 | 61.91 | 62.425 | 62.006 | 62.425 | 62.114 | 66.022 | 30.350 | 22.220 |
| 10/8/2025 8:00 | 1.517 | 1.654 | 1.952 | 3.411 | 1.559 | 4.157 | 61.91 | 62.425 | 62.006 | 62.425 | 62.114 | 66.193 | 30.300 | 23.050 |
| 10/8/2025 8:15 | 1.495 | 1.644 | 1.920 | 3.420 | 1.513 | 4.105 | 61.91 | 62.425 | 62.024 | 62.425 | 62.114 | 66.366 | 30.270 | 26.400 |
| 10/8/2025 8:30 | 1.479 | 1.628 | 1.885 | 3.420 | 1.479 | 4.055 | 62.08 | 62.425 | 62.042 | 62.425 | 62.132 | 66.366 | 30.220 | 26.260 |
| 10/8/2025 8:45 | 1.467 | 1.629 | 1.857 | 3.416 | 1.461 | 4.011 | 62.08 | 62.598 | 62.078 | 62.425 | 62.150 | 66.366 | 30.150 | 25.370 |
| 10/8/2025 9:00 | 1.450 | 1.601 | 1.836 | 3.400 | 1.429 | 3.993 | 62.08 | 62.598 | 62.132 | 62.598 | 62.186 | 66.366 | 30.050 | 27.370 |
| 10/8/2025 9:15 | 1.444 | 1.598 | 1.812 | 3.393 | 1.428 | 3.966 | 62.08 | 62.598 | 62.168 | 62.598 | 62.186 | 66.366 | 30.060 | 27.470 |
| 10/8/2025 9:30 | 1.432 | 1.605 | 1.800 | 3.393 | 1.435 | 3.973 | 62.08 | 62.598 | 62.240 | 62.598 | 62.204 | 66.366 | 29.980 | 26.510 |
| 10/8/2025 9:45 | 1.455 | 1.604 | 1.825 | 3.392 | 1.471 | 4.144 | 62.08 | 62.598 | 62.330 | 62.598 | 62.204 | 66.193 | 29.940 | 26.520 |
| 10/8/2025 10:00 | 1.585 | 1.642 | 1.850 | 3.392 | 1.594 | 4.106 | 62.08 | 62.425 | 62.420 | 62.598 | 62.222 | 66.193 | 29.900 | 26.500 |
| 10/8/2025 10:15 | 1.881 | 1.833 | 1.856 | 3.387 | 1.848 | 4.069 | 62.25 | 62.598 | 62.510 | 62.598 | 62.258 | 66.193 | 29.800 | 26.480 |
| 10/8/2025 10:30 | 2.417 | 2.215 | 2.089 | 3.402 | 2.280 | 4.038 | 62.25 | 62.598 | 62.564 | 62.598 | 62.312 | 66.193 | 29.650 | 28.510 |
| 10/8/2025 10:45 | 3.018 | 2.785 | 2.465 | 3.396 | 2.814 | 4.015 | 60.88 | 62.598 | 62.600 | 62.598 | 62.222 | 66.193 | 29.490 | 25.920 |
| 10/8/2025 11:00 | 3.640 | 3.370 | 3.003 | 3.440 | 3.353 | 4.138 | 59.85 | 62.598 | 62.636 | 62.769 | 61.682 | 66.193 | 29.450 | 25.790 |
| 10/8/2025 11:15 | 4.309 | 3.824 | 3.560 | 3.753 | 3.772 | 4.193 | 59.68 | 62.083 | 62.636 | 62.769 | 60.872 | 66.193 | 29.550 | 25.750 |
| 10/8/2025 11:30 | 4.656 | 4.171 | 3.978 | 3.987 | 4.113 | 4.138 | 59.34 | 60.712 | 62.528 | 62.769 | 60.314 | 66.366 | 29.670 | 25.740 |
| 10/8/2025 11:45 | 4.897 | 4.380 | 4.285 | 4.129 | 4.355 | 4.085 | 59.16 | 60.195 | 62.402 | 62.598 | 59.702 | 66.366 | 30.210 | 25.870 |
| 10/8/2025 12:00 | 5.028 | 4.506 | 4.477 | 4.218 | 4.515 | 4.046 | 59.16 | 60.024 | 61.592 | 62.598 | 59.270 | 66.366 | 31.210 | 26.790 |
| 10/8/2025 12:15 | 5.100 | 4.615 | 4.629 | 4.292 | 4.615 | 4.011 | 59.16 | 60.024 | 59.864 | 62.254 | 59.072 | 66.366 | 31.760 | 31.930 |
| 10/8/2025 12:30 | 5.179 | 4.702 | 4.716 | 4.351 | 4.706 | 3.993 | 59.16 | 59.851 | 59.486 | 61.741 | 59.018 | 66.193 | 32.160 | 32.350 |
| 10/8/2025 12:45 | 5.148 | 4.757 | 4.805 | 4.398 | 4.771 | 3.981 | 59.16 | 59.851 | 59.198 | 61.569 | 59.036 | 66.193 | 32.380 | 24.900 |
| 10/8/2025 13:00 | 5.143 | 4.798 | 4.866 | 4.454 | 4.804 | 3.952 | 59.16 | 59.851 | 59.162 | 61.398 | 59.072 | 66.193 | 32.400 | 32.840 |
| 10/8/2025 13:15 | 4.899 | 4.806 | 4.896 | 4.492 | 4.773 | 3.955 | 59.16 | 59.851 | 59.144 | 61.227 | 58.964 | 66.193 | 32.440 | 32.820 |
| 10/8/2025 13:30 | 4.754 | 4.762 | 4.932 | 4.530 | 4.707 | 3.940 | 58.99 | 59.680 | 59.126 | 61.227 | 58.874 | 66.193 | 32.410 | 32.910 |
| 10/8/2025 13:45 | 4.559 | 4.653 | 4.921 | 4.559 | 4.540 | 3.950 | 58.99 | 59.680 | 59.126 | 61.054 | 58.838 | 66.193 | 32.390 | 32.940 |
| 10/8/2025 14:00 | 4.326 | 4.495 | 4.825 | 4.559 | 4.356 | 3.970 | 59.16 | 59.680 | 59.072 | 61.054 | 58.838 | 66.193 | 32.300 | 32.940 |
| 10/8/2025 14:15 | 4.094 | 4.304 | 4.693 | 4.540 | 4.130 | 3.995 | 59.16 | 59.851 | 59.054 | 61.054 | 58.910 | 66.022 | 32.340 | 32.900 |
| 10/8/2025 14:30 | 3.869 | 4.130 | 4.518 | 4.509 | 3.926 | 4.017 | 59.34 | 59.680 | 59.072 | 61.054 | 58.928 | 66.022 | 32.330 | 32.900 |
| 10/8/2025 14:45 | 3.624 | 3.907 | 4.340 | 4.454 | 3.693 | 4.049 | 59.51 | 60.024 | 59.198 | 61.054 | 59.036 | 66.022 | 32.300 | 32.900 |
| 10/8/2025 15:00 | 3.404 | 3.697 | 4.151 | 4.397 | 3.462 | 4.026 | 59.68 | 60.195 | 59.468 | 61.054 | 59.216 | 66.022 | 32.270 | 32.910 |
| 10/8/2025 15:15 | 3.170 | 3.481 | 3.932 | 4.352 | 3.245 | 4.012 | 59.85 | 60.539 | 59.810 | 61.054 | 59.486 | 66.022 | 32.280 | 32.750 |
| 10/8/2025 15:30 | 2.960 | 3.268 | 3.734 | 4.301 | 3.021 | 3.995 | 60.02 | 60.539 | 59.972 | 61.227 | 59.702 | 66.022 | 32.150 | 32.660 |
| 10/8/2025 15:45 | 2.758 | 3.086 | 3.541 | 4.249 | 2.828 | 3.978 | 60.20 | 60.712 | 60.206 | 61.227 | 59.900 | 66.022 | 32.020 | 32.360 |
| 10/8/2025 16:00 | 2.587 | 2.913 | 3.362 | 4.177 | 2.669 | 3.958 | 60.37 | 60.883 | 60.476 | 61.227 | 60.098 | 66.022 | 31.860 | 31.880 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/8/2025 16:15 | 2.457 | 2.789 | 3.215 | 4.131 | 2.536 | 3.942 | 60.54 | 60.883 | 60.674 | 61.398 | 60.314 | 66.022 | 31.650 | 31.430 |
| 10/8/2025 16:30 | 2.331 | 2.655 | 3.070 | 4.073 | 2.401 | 3.941 | 60.54 | 60.883 | 60.818 | 61.398 | 60.476 | 66.022 | 31.570 | 30.940 |
| 10/8/2025 16:45 | 2.228 | 2.534 | 2.928 | 3.990 | 2.289 | 3.938 | 60.71 | 60.883 | 60.872 | 61.398 | 60.620 | 66.022 | 31.540 | 30.520 |
| 10/8/2025 17:00 | 2.138 | 2.432 | 2.799 | 3.906 | 2.185 | 3.932 | 60.71 | 60.883 | 60.872 | 61.398 | 60.710 | 66.022 | 31.390 | 30.330 |
| 10/8/2025 17:15 | 2.057 | 2.335 | 2.689 | 3.822 | 2.100 | 3.922 | 60.71 | 61.054 | 60.818 | 61.398 | 60.728 | 66.022 | 31.280 | 30.370 |
| 10/8/2025 17:30 | 1.974 | 2.231 | 2.585 | 3.734 | 2.018 | 3.924 | 60.71 | 61.054 | 60.728 | 61.569 | 60.710 | 66.022 | 31.050 | 30.390 |
| 10/8/2025 17:45 | 1.917 | 2.140 | 2.491 | 3.665 | 1.947 | 3.915 | 60.71 | 61.054 | 60.620 | 61.569 | 60.656 | 66.022 | 29.620 | 30.380 |
| 10/8/2025 18:00 | 1.857 | 2.063 | 2.390 | 3.610 | 1.889 | 3.923 | 60.71 | 61.054 | 60.458 | 61.569 | 60.584 | 65.851 | 28.630 | 24.040 |
| 10/8/2025 18:15 | 1.812 | 2.000 | 2.295 | 3.578 | 1.826 | 3.918 | 60.71 | 61.054 | 60.314 | 61.569 | 60.512 | 65.851 | 27.880 | 28.450 |
| 10/8/2025 18:30 | 1.769 | 1.950 | 2.231 | 3.551 | 1.796 | 3.923 | 60.71 | 61.054 | 60.170 | 61.569 | 60.422 | 65.680 | 27.200 | 26.030 |
| 10/8/2025 18:45 | 1.734 | 1.901 | 2.182 | 3.532 | 1.738 | 3.927 | 60.71 | 61.054 | 60.044 | 61.569 | 60.314 | 65.680 | 26.550 | 25.460 |
| 10/8/2025 19:00 | 1.692 | 1.860 | 2.135 | 3.513 | 1.712 | 3.926 | 60.71 | 61.054 | 59.900 | 61.398 | 60.224 | 65.509 | 26.090 | 25.210 |
| 10/8/2025 19:15 | 1.659 | 1.831 | 2.096 | 3.499 | 1.687 | 3.922 | 60.71 | 61.054 | 59.774 | 61.398 | 60.116 | 65.338 | 25.770 | 25.020 |
| 10/8/2025 19:30 | 1.636 | 1.809 | 2.073 | 3.504 | 1.646 | 3.927 | 60.71 | 61.054 | 59.648 | 61.398 | 60.008 | 65.338 | 25.580 | 24.850 |
| 10/8/2025 19:45 | 1.606 | 1.785 | 2.046 | 3.493 | 1.618 | 3.932 | 60.88 | 60.883 | 59.522 | 61.398 | 59.918 | 65.338 | 25.560 | 24.750 |
| 10/8/2025 20:00 | 1.594 | 1.766 | 2.018 | 3.485 | 1.589 | 3.935 | 60.88 | 60.883 | 59.360 | 61.398 | 59.828 | 65.167 | 25.650 | 24.560 |
| 10/8/2025 20:15 | 1.570 | 1.743 | 1.985 | 3.477 | 1.572 | 3.927 | 60.88 | 60.883 | 59.198 | 61.398 | 59.738 | 65.167 | 25.710 | 24.360 |
| 10/8/2025 20:30 | 1.543 | 1.728 | 1.968 | 3.473 | 1.549 | 3.916 | 60.88 | 60.883 | 59.036 | 61.227 | 59.630 | 65.167 | 25.820 | 24.190 |
| 10/8/2025 20:45 | 1.525 | 1.714 | 1.944 | 3.463 | 1.525 | 3.908 | 60.88 | 60.712 | 58.874 | 61.227 | 59.522 | 64.996 | 25.890 | 24.060 |
| 10/8/2025 21:00 | 1.509 | 1.698 | 1.934 | 3.463 | 1.508 | 3.906 | 60.88 | 60.712 | 58.712 | 61.227 | 59.414 | 64.996 | 25.970 | 23.970 |
| 10/8/2025 21:15 | 1.489 | 1.686 | 1.917 | 3.459 | 1.492 | 3.905 | 60.88 | 60.712 | 58.532 | 61.227 | 59.306 | 64.996 | 26.050 | 23.910 |
| 10/8/2025 21:30 | 1.490 | 1.687 | 1.913 | 3.459 | 1.475 | 3.915 | 60.71 | 60.539 | 58.370 | 61.054 | 59.216 | 64.996 | 26.110 | 23.820 |
| 10/8/2025 21:45 | 1.474 | 1.683 | 1.895 | 3.451 | 1.466 | 3.912 | 60.71 | 60.539 | 58.190 | 61.054 | 59.090 | 64.996 | 26.100 | 23.790 |
| 10/8/2025 22:00 | 1.456 | 1.658 | 1.897 | 3.441 | 1.466 | 3.907 | 60.71 | 60.539 | 58.010 | 61.054 | 58.964 | 64.825 | 26.140 | 24.940 |
| 10/8/2025 22:15 | 1.441 | 1.657 | 1.894 | 3.444 | 1.450 | 3.897 | 60.71 | 60.368 | 57.812 | 60.883 | 58.802 | 64.825 | 26.180 | 24.950 |
| 10/8/2025 22:30 | 1.436 | 1.660 | 1.884 | 3.440 | 1.435 | 3.901 | 60.71 | 60.368 | 57.596 | 60.883 | 58.640 | 64.825 | 26.190 | 25.030 |
| 10/8/2025 22:45 | 1.428 | 1.648 | 1.881 | 3.442 | 1.430 | 3.903 | 60.71 | 60.368 | 57.398 | 60.712 | 58.460 | 64.825 | 26.170 | 24.970 |
| 10/8/2025 23:00 | 1.500 | 1.656 | 1.872 | 3.439 | 1.497 | 3.894 | 60.71 | 60.195 | 57.200 | 60.712 | 58.316 | 64.652 | 26.180 | 24.990 |
| 10/8/2025 23:15 | 1.647 | 1.711 | 1.864 | 3.432 | 1.632 | 3.902 | 60.71 | 60.195 | 57.020 | 60.712 | 58.208 | 64.652 | 26.180 | 24.870 |
| 10/8/2025 23:30 | 1.857 | 1.883 | 1.908 | 3.424 | 1.829 | 3.903 | 60.71 | 60.024 | 56.948 | 60.539 | 58.352 | 64.652 | 26.230 | 24.910 |
| 10/8/2025 23:45 | 2.337 | 2.207 | 2.091 | 3.426 | 2.205 | 3.887 | 60.71 | 60.024 | 56.858 | 60.539 | 58.514 | 64.652 | 26.330 | 23.600 |
| 10/9/2025 0:00 | 2.854 | 2.704 | 2.413 | 3.420 | 2.685 | 3.896 | 58.82 | 59.851 | 56.696 | 60.368 | 58.244 | 64.652 | 27.980 | 23.670 |
| 10/9/2025 0:15 | 3.269 | 3.153 | 2.890 | 3.416 | 3.110 | 3.891 | 58.13 | 59.680 | 56.642 | 60.368 | 57.794 | 64.481 | 29.420 | 23.670 |
| 10/9/2025 0:30 | 3.650 | 3.503 | 3.340 | 3.596 | 3.446 | 3.898 | 57.96 | 59.337 | 56.732 | 60.368 | 57.560 | 64.481 | 31.110 | 23.650 |
| 10/9/2025 0:45 | 3.927 | 3.782 | 3.684 | 3.817 | 3.712 | 3.892 | 57.96 | 58.476 | 56.966 | 60.195 | 57.452 | 64.481 | 31.650 | 23.630 |
| 10/9/2025 1:00 | 3.993 | 3.949 | 3.943 | 3.963 | 3.880 | 3.899 | 57.79 | 57.958 | 57.164 | 60.024 | 57.326 | 64.481 | 32.110 | 24.730 |
| 10/9/2025 1:15 | 3.932 | 3.989 | 4.129 | 4.058 | 3.876 | 3.886 | 57.79 | 57.785 | 57.704 | 59.851 | 57.362 | 64.481 | 32.090 | 24.760 |
| 10/9/2025 1:30 | 3.830 | 3.913 | 4.176 | 4.089 | 3.796 | 3.884 | 57.79 | 57.785 | 58.010 | 59.680 | 57.380 | 64.310 | 32.140 | 25.070 |
| 10/9/2025 1:45 | 3.665 | 3.787 | 4.103 | 4.074 | 3.659 | 3.888 | 57.79 | 57.785 | 57.974 | 59.680 | 57.326 | 64.310 | 32.120 | 25.920 |
| 10/9/2025 2:00 | 3.437 | 3.590 | 3.981 | 3.991 | 3.452 | 3.892 | 57.61 | 58.131 | 57.920 | 59.680 | 57.236 | 64.139 | 32.120 | 26.950 |
| 10/9/2025 2:15 | 3.184 | 3.359 | 3.779 | 3.878 | 3.206 | 3.894 | 57.61 | 58.476 | 57.830 | 59.680 | 57.056 | 64.139 | 32.110 | 27.690 |
| 10/9/2025 2:30 | 2.933 | 3.097 | 3.554 | 3.709 | 2.955 | 3.892 | 57.61 | 58.820 | 57.650 | 59.680 | 56.930 | 64.139 | 31.980 | 28.160 |
| 10/9/2025 2:45 | 2.718 | 2.869 | 3.296 | 3.570 | 2.726 | 3.879 | 57.61 | 58.993 | 57.200 | 59.508 | 56.840 | 64.139 | 31.820 | 28.510 |
| 10/9/2025 3:00 | 2.539 | 2.675 | 3.070 | 3.498 | 2.531 | 3.881 | 57.79 | 58.993 | 56.660 | 59.508 | 56.750 | 64.139 | 31.710 | 28.860 |
| 10/9/2025 3:15 | 2.386 | 2.514 | 2.857 | 3.455 | 2.379 | 3.886 | 57.96 | 58.993 | 56.102 | 59.337 | 56.696 | 64.139 | 31.630 | 29.110 |
| 10/9/2025 3:30 | 2.263 | 2.368 | 2.692 | 3.439 | 2.241 | 3.890 | 57.96 | 58.993 | 55.670 | 59.337 | 56.660 | 64.139 | 31.500 | 29.050 |
| 10/9/2025 3:45 | 2.148 | 2.247 | 2.562 | 3.418 | 2.119 | 3.879 | 58.13 | 58.993 | 55.310 | 59.164 | 56.660 | 64.139 | 31.370 | 28.470 |
| 10/9/2025 4:00 | 2.053 | 2.151 | 2.430 | 3.410 | 2.030 | 3.880 | 58.13 | 58.993 | 54.734 | 59.164 | 56.678 | 63.968 | 31.220 | 24.860 |
| 10/9/2025 4:15 | 1.972 | 2.065 | 2.334 | 3.408 | 1.943 | 3.875 | 57.96 | 58.993 | 54.410 | 59.164 | 56.732 | 63.968 | 31.060 | 23.590 |
| 10/9/2025 4:30 | 1.898 | 1.994 | 2.247 | 3.407 | 1.853 | 3.880 | 57.79 | 58.820 | 54.194 | 59.164 | 56.786 | 63.968 | 30.840 | 22.810 |
| 10/9/2025 4:45 | 1.830 | 1.916 | 2.161 | 3.398 | 1.806 | 3.887 | 57.79 | 58.820 | 54.014 | 59.164 | 56.822 | 63.968 | 30.590 | 22.230 |
| 10/9/2025 5:00 | 1.771 | 1.876 | 2.106 | 3.400 | 1.738 | 3.880 | 57.96 | 58.647 | 53.852 | 58.993 | 56.912 | 63.797 | 30.430 | 21.750 |
| 10/9/2025 5:15 | 1.719 | 1.822 | 2.044 | 3.395 | 1.708 | 3.887 | 57.96 | 58.647 | 53.618 | 58.993 | 56.966 | 63.797 | 30.250 | 21.090 |
| 10/9/2025 5:30 | 1.680 | 1.784 | 2.013 | 3.388 | 1.645 | 3.885 | 57.96 | 58.476 | 53.330 | 58.993 | 56.948 | 63.626 | 29.910 | 20.140 |
| 10/9/2025 5:45 | 1.645 | 1.752 | 1.968 | 3.387 | 1.616 | 3.885 | 58.13 | 58.476 | 53.078 | 58.993 | 56.966 | 63.626 | 29.800 | 19.300 |
| 10/9/2025 6:00 | 1.606 | 1.714 | 1.926 | 3.384 | 1.579 | 3.890 | 58.13 | 58.303 | 52.826 | 58.993 | 57.020 | 63.455 | 29.680 | 18.740 |
| 10/9/2025 6:15 | 1.583 | 1.690 | 1.893 | 3.383 | 1.543 | 3.887 | 58.30 | 58.131 | 52.574 | 58.993 | 57.002 | 63.455 | 29.360 | 18.350 |
| 10/9/2025 6:30 | 1.543 | 1.666 | 1.867 | 3.371 | 1.528 | 3.879 | 58.30 | 58.131 | 52.322 | 58.820 | 57.056 | 63.455 | 29.310 | 18.070 |
| 10/9/2025 6:45 | 1.517 | 1.653 | 1.854 | 3.365 | 1.502 | 3.892 | 58.30 | 57.958 | 52.106 | 58.820 | 57.110 | 63.455 | 29.210 | 17.860 |
| 10/9/2025 7:00 | 1.498 | 1.633 | 1.835 | 3.369 | 1.483 | 3.882 | 58.30 | 57.785 | 51.890 | 58.820 | 57.128 | 63.282 | 29.180 | 17.700 |
| 10/9/2025 7:15 | 1.481 | 1.607 | 1.815 | 3.362 | 1.445 | 3.889 | 58.48 | 57.785 | 51.674 | 58.647 | 57.146 | 63.282 | 29.060 | 17.560 |
| 10/9/2025 7:30 | 1.471 | 1.606 | 1.785 | 3.368 | 1.424 | 3.886 | 58.48 | 57.614 | 51.494 | 58.647 | 57.182 | 63.282 | 29.010 | 17.450 |
| 10/9/2025 7:45 | 1.455 | 1.597 | 1.760 | 3.364 | 1.396 | 3.888 | 58.48 | 57.441 | 51.296 | 58.647 | 57.218 | 63.282 | 28.890 | 17.340 |
| 10/9/2025 8:00 | 1.432 | 1.574 | 1.746 | 3.348 | 1.389 | 3.895 | 58.48 | 57.441 | 51.116 | 58.647 | 57.254 | 63.282 | 28.820 | 17.270 |
| 10/9/2025 8:15 | 1.399 | 1.549 | 1.729 | 3.323 | 1.366 | 3.883 | 58.48 | 57.268 | 50.972 | 58.476 | 57.290 | 63.282 | 28.770 | 17.210 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/9/2025 8:30 | 1.386 | 1.540 | 1.717 | 3.325 | 1.354 | 3.870 | 58.48 | 57.268 | 50.864 | 58.476 | 57.344 | 63.282 | 28.760 | 17.160 |
| 10/9/2025 8:45 | 1.369 | 1.522 | 1.710 | 3.320 | 1.358 | 3.864 | 58.65 | 57.096 | 50.828 | 58.476 | 57.380 | 63.282 | 28.720 | 17.130 |
| 10/9/2025 9:00 | 1.355 | 1.511 | 1.712 | 3.305 | 1.345 | 3.865 | 58.82 | 57.096 | 50.828 | 58.476 | 57.434 | 63.282 | 28.650 | 17.110 |
| 10/9/2025 9:15 | 1.340 | 1.492 | 1.705 | 3.292 | 1.333 | 3.866 | 58.82 | 56.923 | 50.864 | 58.303 | 57.488 | 63.455 | 28.620 | 17.120 |
| 10/9/2025 9:30 | 1.332 | 1.491 | 1.707 | 3.292 | 1.331 | 3.855 | 58.99 | 56.923 | 50.936 | 58.303 | 57.524 | 63.626 | 28.630 | 16.450 |
| 10/9/2025 9:45 | 1.326 | 1.481 | 1.699 | 3.293 | 1.331 | 3.862 | 58.99 | 56.750 | 50.990 | 58.131 | 57.560 | 63.626 | 28.670 | 13.710 |
| 10/9/2025 10:00 | 1.310 | 1.480 | 1.696 | 3.288 | 1.320 | 3.864 | 59.16 | 56.750 | 51.116 | 58.131 | 57.578 | 63.797 | 28.580 | 13.830 |
| 10/9/2025 10:15 | 1.300 | 1.470 | 1.698 | 3.297 | 1.310 | 3.860 | 59.34 | 56.750 | 51.368 | 57.958 | 57.614 | 63.797 | 28.610 | 16.580 |
| 10/9/2025 10:30 | 1.286 | 1.471 | 1.691 | 3.290 | 1.303 | 3.862 | 59.34 | 56.577 | 51.584 | 57.958 | 57.632 | 63.797 | 28.610 | 13.540 |
| 10/9/2025 10:45 | 1.357 | 1.471 | 1.681 | 3.302 | 1.327 | 3.867 | 59.51 | 56.577 | 51.836 | 57.958 | 57.650 | 63.968 | 28.530 | 13.790 |
| 10/9/2025 11:00 | 1.538 | 1.523 | 1.665 | 3.295 | 1.451 | 3.872 | 59.68 | 56.577 | 51.926 | 57.785 | 57.596 | 63.968 | 28.590 | 13.290 |
| 10/9/2025 11:15 | 1.848 | 1.709 | 1.706 | 3.297 | 1.708 | 3.870 | 59.68 | 56.577 | 52.412 | 57.785 | 57.488 | 63.968 | 28.510 | 13.290 |
| 10/9/2025 11:30 | 2.377 | 2.123 | 1.877 | 3.297 | 2.174 | 3.868 | 59.68 | 56.577 | 52.826 | 57.785 | 57.668 | 63.968 | 28.850 | 13.510 |
| 10/9/2025 11:45 | 3.042 | 2.741 | 2.294 | 3.274 | 2.785 | 3.871 | 58.65 | 56.577 | 53.150 | 57.785 | 57.902 | 64.139 | 31.210 | 15.940 |
| 10/9/2025 12:00 | 3.633 | 3.339 | 2.931 | 3.299 | 3.355 | 3.853 | 58.65 | 56.750 | 53.168 | 57.785 | 57.812 | 64.139 | 32.270 | 16.600 |
| 10/9/2025 12:15 | 4.127 | 3.752 | 3.536 | 3.650 | 3.743 | 3.848 | 58.30 | 57.096 | 53.798 | 57.785 | 57.596 | 64.139 | 32.580 | 16.440 |
| 10/9/2025 12:30 | 4.475 | 4.087 | 3.961 | 3.918 | 4.073 | 3.857 | 58.13 | 57.268 | 55.166 | 57.785 | 57.506 | 64.310 | 32.790 | 20.780 |
| 10/9/2025 12:45 | 4.642 | 4.288 | 4.271 | 4.078 | 4.316 | 3.865 | 58.13 | 57.268 | 56.480 | 57.785 | 57.488 | 64.310 | 32.870 | 26.290 |
| 10/9/2025 13:00 | 4.768 | 4.410 | 4.468 | 4.187 | 4.446 | 3.843 | 58.13 | 57.268 | 57.002 | 57.958 | 57.524 | 64.310 | 32.920 | 29.310 |
| 10/9/2025 13:15 | 4.830 | 4.495 | 4.580 | 4.257 | 4.528 | 3.850 | 58.13 | 57.441 | 57.038 | 58.131 | 57.542 | 64.310 | 32.960 | 23.810 |
| 10/9/2025 13:30 | 4.828 | 4.562 | 4.673 | 4.310 | 4.587 | 3.850 | 58.13 | 57.441 | 57.128 | 58.303 | 57.596 | 64.481 | 32.930 | 31.250 |
| 10/9/2025 13:45 | 4.685 | 4.585 | 4.730 | 4.348 | 4.575 | 3.856 | 58.30 | 57.614 | 57.218 | 58.303 | 57.668 | 64.481 | 32.900 | 31.510 |
| 10/9/2025 14:00 | 4.542 | 4.577 | 4.756 | 4.402 | 4.503 | 3.852 | 58.30 | 57.614 | 57.488 | 58.303 | 57.758 | 64.652 | 32.870 | 30.940 |
| 10/9/2025 14:15 | 4.357 | 4.460 | 4.734 | 4.424 | 4.361 | 3.864 | 58.30 | 57.785 | 57.614 | 58.476 | 57.848 | 64.652 | 32.870 | 25.380 |
| 10/9/2025 14:30 | 4.125 | 4.299 | 4.647 | 4.433 | 4.166 | 3.861 | 58.30 | 57.785 | 57.686 | 58.476 | 57.938 | 64.652 | 32.870 | 25.360 |
| 10/9/2025 14:45 | 3.865 | 4.096 | 4.499 | 4.398 | 3.952 | 3.871 | 58.48 | 57.958 | 57.740 | 58.476 | 58.046 | 64.825 | 32.900 | 25.520 |
| 10/9/2025 15:00 | 3.597 | 3.857 | 4.323 | 4.348 | 3.690 | 3.871 | 58.65 | 57.958 | 57.758 | 58.647 | 58.478 | 64.825 | 32.820 | 32.890 |
| 10/9/2025 15:15 | 3.310 | 3.598 | 4.120 | 4.284 | 3.408 | 3.863 | 58.82 | 58.131 | 58.010 | 58.647 | 58.892 | 64.825 | 32.780 | 32.900 |
| 10/9/2025 15:30 | 3.052 | 3.335 | 3.876 | 4.224 | 3.133 | 3.865 | 58.99 | 58.303 | 58.316 | 58.647 | 59.000 | 64.996 | 32.880 | 32.860 |
| 10/9/2025 15:45 | 2.840 | 3.124 | 3.620 | 4.163 | 2.899 | 3.870 | 59.16 | 58.303 | 58.514 | 58.820 | 59.108 | 64.996 | 32.500 | 32.760 |
| 10/9/2025 16:00 | 2.647 | 2.925 | 3.386 | 4.086 | 2.704 | 3.875 | 59.16 | 58.303 | 58.532 | 58.820 | 59.054 | 64.996 | 32.390 | 32.630 |
| 10/9/2025 16:15 | 2.467 | 2.747 | 3.190 | 3.983 | 2.545 | 3.877 | 59.16 | 58.476 | 58.460 | 58.820 | 58.964 | 65.167 | 32.080 | 30.790 |
| 10/9/2025 16:30 | 2.326 | 2.590 | 3.021 | 3.871 | 2.383 | 3.870 | 59.16 | 58.476 | 58.280 | 58.820 | 58.856 | 65.167 | 31.750 | 25.070 |
| 10/9/2025 16:45 | 2.195 | 2.441 | 2.853 | 3.755 | 2.246 | 3.871 | 59.16 | 58.476 | 58.064 | 58.820 | 58.676 | 65.167 | 31.100 | 31.790 |
| 10/9/2025 17:00 | 2.101 | 2.311 | 2.689 | 3.662 | 2.139 | 3.861 | 59.16 | 58.476 | 57.758 | 58.820 | 58.478 | 65.338 | 30.630 | 31.860 |
| 10/9/2025 17:15 | 2.022 | 2.204 | 2.547 | 3.596 | 2.025 | 3.865 | 58.99 | 58.476 | 57.398 | 58.647 | 58.262 | 65.338 | 30.330 | 31.880 |
| 10/9/2025 17:30 | 1.926 | 2.091 | 2.422 | 3.540 | 1.942 | 3.870 | 58.99 | 58.476 | 57.038 | 58.647 | 58.010 | 65.338 | 29.810 | 31.890 |
| 10/9/2025 17:45 | 1.852 | 2.004 | 2.305 | 3.498 | 1.864 | 3.869 | 58.82 | 58.476 | 56.696 | 58.476 | 57.740 | 65.338 | 29.330 | 31.790 |
| 10/9/2025 18:00 | 1.790 | 1.937 | 2.228 | 3.481 | 1.805 | 3.853 | 58.65 | 58.303 | 56.372 | 58.476 | 57.488 | 65.167 | 28.780 | 31.350 |
| 10/9/2025 18:15 | 1.726 | 1.873 | 2.147 | 3.459 | 1.742 | 3.870 | 58.82 | 58.303 | 56.192 | 58.476 | 57.272 | 65.167 | 28.610 | 28.870 |
| 10/9/2025 18:30 | 1.686 | 1.826 | 2.098 | 3.462 | 1.692 | 3.859 | 58.82 | 58.131 | 56.084 | 58.476 | 57.092 | 64.825 | 28.290 | 28.160 |
| 10/9/2025 18:45 | 1.647 | 1.796 | 2.047 | 3.454 | 1.645 | 3.858 | 58.82 | 58.131 | 55.976 | 58.303 | 56.930 | 64.825 | 28.090 | 27.920 |
| 10/9/2025 19:00 | 1.605 | 1.751 | 2.008 | 3.452 | 1.601 | 3.865 | 58.82 | 57.958 | 55.850 | 58.303 | 56.750 | 64.652 | 27.920 | 27.640 |
| 10/9/2025 19:15 | 1.582 | 1.732 | 1.975 | 3.449 | 1.579 | 3.858 | 58.82 | 57.958 | 55.616 | 58.303 | 56.588 | 64.481 | 27.740 | 27.110 |
| 10/9/2025 19:30 | 1.544 | 1.708 | 1.952 | 3.443 | 1.553 | 3.865 | 58.65 | 57.785 | 55.418 | 58.303 | 56.444 | 64.310 | 27.680 | 27.480 |
| 10/9/2025 19:45 | 1.522 | 1.693 | 1.926 | 3.436 | 1.514 | 3.852 | 58.65 | 57.785 | 55.238 | 58.131 | 56.264 | 64.310 | 27.560 | 27.350 |
| 10/9/2025 20:00 | 1.497 | 1.676 | 1.898 | 3.434 | 1.505 | 3.852 | 58.65 | 57.614 | 55.076 | 58.131 | 56.120 | 64.139 | 27.570 | 27.160 |
| 10/9/2025 20:15 | 1.481 | 1.664 | 1.897 | 3.430 | 1.470 | 3.851 | 58.65 | 57.614 | 54.914 | 58.131 | 55.994 | 64.139 | 27.390 | 26.190 |
| 10/9/2025 20:30 | 1.454 | 1.650 | 1.865 | 3.424 | 1.454 | 3.857 | 58.48 | 57.441 | 54.734 | 58.131 | 55.922 | 63.968 | 27.310 | 25.390 |
| 10/9/2025 20:45 | 1.437 | 1.633 | 1.860 | 3.418 | 1.442 | 3.854 | 58.48 | 57.441 | 54.536 | 57.958 | 55.796 | 63.968 | 27.290 | 26.020 |
| 10/9/2025 21:00 | 1.431 | 1.634 | 1.853 | 3.427 | 1.419 | 3.844 | 58.48 | 57.268 | 54.320 | 57.958 | 55.688 | 63.797 | 27.310 | 25.980 |
| 10/9/2025 21:15 | 1.408 | 1.620 | 1.838 | 3.413 | 1.413 | 3.857 | 58.30 | 57.268 | 54.086 | 57.958 | 55.598 | 63.797 | 27.320 | 26.630 |
| 10/9/2025 21:30 | 1.392 | 1.612 | 1.823 | 3.409 | 1.398 | 3.853 | 58.30 | 57.096 | 53.870 | 57.958 | 55.508 | 63.626 | 27.330 | 25.120 |
| 10/9/2025 21:45 | 1.378 | 1.609 | 1.819 | 3.414 | 1.395 | 3.857 | 58.30 | 57.096 | 53.600 | 57.785 | 55.400 | 63.626 | 27.330 | 25.870 |
| 10/9/2025 22:00 | 1.372 | 1.596 | 1.818 | 3.408 | 1.383 | 3.857 | 58.13 | 56.923 | 53.348 | 57.785 | 55.292 | 63.455 | 27.360 | 25.840 |
| 10/9/2025 22:15 | 1.357 | 1.597 | 1.815 | 3.410 | 1.379 | 3.852 | 58.13 | 56.750 | 53.096 | 57.785 | 55.202 | 63.455 | 27.380 | 25.810 |
| 10/9/2025 22:30 | 1.350 | 1.590 | 1.812 | 3.403 | 1.373 | 3.856 | 58.13 | 56.750 | 52.862 | 57.785 | 55.094 | 63.455 | 27.400 | 25.800 |
| 10/9/2025 22:45 | 1.338 | 1.586 | 1.812 | 3.403 | 1.360 | 3.852 | 57.96 | 56.577 | 52.592 | 57.785 | 54.986 | 63.282 | 27.430 | 25.790 |
| 10/9/2025 23:00 | 1.326 | 1.574 | 1.807 | 3.395 | 1.354 | 3.853 | 57.79 | 56.404 | 52.322 | 57.614 | 54.824 | 63.282 | 27.450 | 25.810 |
| 10/9/2025 23:15 | 1.328 | 1.577 | 1.797 | 3.393 | 1.349 | 3.846 | 57.61 | 56.404 | 52.034 | 57.614 | 54.698 | 63.282 | 27.440 | 25.830 |
| 10/9/2025 23:30 | 1.324 | 1.574 | 1.786 | 3.398 | 1.332 | 3.852 | 57.44 | 56.404 | 51.746 | 57.614 | 54.608 | 63.282 | 27.440 | 25.870 |
| 10/9/2025 23:45 | 1.394 | 1.565 | 1.788 | 3.385 | 1.362 | 3.862 | 57.44 | 56.404 | 51.476 | 57.614 | 54.464 | 63.111 | 27.430 | 25.910 |
| 10/10/2025 0:00 | 1.535 | 1.591 | 1.775 | 3.379 | 1.498 | 3.861 | 57.27 | 56.230 | 51.224 | 57.441 | 54.392 | 63.111 | 27.430 | 25.910 |
| 10/10/2025 0:15 | 1.787 | 1.744 | 1.778 | 3.376 | 1.697 | 3.864 | 57.27 | 56.230 | 50.990 | 57.441 | 54.194 | 63.111 | 27.450 | 25.920 |
| 10/10/2025 0:30 | 2.191 | 2.057 | 1.930 | 3.370 | 2.049 | 3.857 | 56.92 | 56.230 | 51.818 | 57.441 | 53.960 | 63.111 | 27.360 | 25.660 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/10/2025 0:45 | 2.699 | 2.529 | 2.249 | 3.366 | 2.536 | 3.858 | 56.40 | 56.057 | 51.764 | 57.268 | 54.608 | 63.111 | 29.650 | 25.950 |
| 10/10/2025 1:00 | 3.174 | 3.027 | 2.735 | 3.366 | 3.008 | 3.855 | 56.58 | 55.711 | 51.260 | 57.268 | 55.094 | 63.111 | 31.280 | 25.760 |
| 10/10/2025 1:15 | 3.587 | 3.461 | 3.230 | 3.467 | 3.415 | 3.858 | 56.75 | 55.537 | 51.350 | 57.268 | 55.436 | 62.940 | 32.050 | 25.720 |
| 10/10/2025 1:30 | 3.861 | 3.743 | 3.648 | 3.734 | 3.689 | 3.865 | 56.75 | 55.711 | 51.764 | 56.923 | 55.706 | 62.940 | 32.560 | 26.520 |
| 10/10/2025 1:45 | 3.995 | 3.923 | 3.933 | 3.923 | 3.864 | 3.862 | 56.75 | 55.537 | 52.124 | 56.577 | 55.850 | 62.940 | 32.660 | 25.610 |
| 10/10/2025 2:00 | 3.978 | 4.019 | 4.110 | 4.041 | 3.950 | 3.859 | 56.75 | 55.711 | 52.592 | 56.404 | 55.922 | 62.940 | 32.720 | 25.840 |
| 10/10/2025 2:15 | 3.879 | 3.950 | 4.212 | 4.103 | 3.864 | 3.862 | 56.75 | 55.711 | 53.366 | 56.230 | 55.958 | 62.940 | 32.760 | 26.080 |
| 10/10/2025 2:30 | 3.716 | 3.839 | 4.153 | 4.099 | 3.712 | 3.857 | 56.58 | 55.884 | 53.960 | 56.230 | 55.958 | 62.769 | 32.790 | 26.480 |
| 10/10/2025 2:45 | 3.497 | 3.660 | 4.042 | 4.015 | 3.539 | 3.869 | 56.58 | 55.884 | 54.338 | 56.230 | 55.814 | 62.769 | 32.790 | 27.060 |
| 10/10/2025 3:00 | 3.245 | 3.432 | 3.880 | 3.901 | 3.287 | 3.856 | 56.40 | 55.884 | 54.554 | 56.230 | 55.562 | 62.769 | 32.660 | 27.690 |
| 10/10/2025 3:15 | 3.011 | 3.186 | 3.663 | 3.745 | 3.032 | 3.854 | 56.23 | 56.057 | 54.590 | 56.230 | 55.274 | 62.769 | 32.410 | 28.010 |
| 10/10/2025 3:30 | 2.778 | 2.936 | 3.397 | 3.582 | 2.797 | 3.857 | 56.23 | 56.057 | 54.356 | 56.230 | 55.004 | 62.769 | 32.210 | 28.590 |
| 10/10/2025 3:45 | 2.574 | 2.715 | 3.157 | 3.497 | 2.578 | 3.853 | 56.23 | 56.057 | 53.834 | 56.057 | 54.824 | 62.598 | 32.060 | 28.780 |
| 10/10/2025 4:00 | 2.401 | 2.531 | 2.914 | 3.450 | 2.393 | 3.862 | 56.23 | 56.057 | 53.240 | 55.711 | 54.572 | 62.598 | 31.840 | 28.870 |
| 10/10/2025 4:15 | 2.255 | 2.379 | 2.730 | 3.415 | 2.252 | 3.870 | 56.06 | 56.057 | 52.718 | 55.537 | 54.320 | 62.598 | 31.530 | 28.960 |
| 10/10/2025 4:30 | 2.135 | 2.251 | 2.579 | 3.398 | 2.136 | 3.860 | 55.88 | 55.884 | 52.250 | 55.364 | 54.122 | 62.598 | 31.250 | 28.990 |
| 10/10/2025 4:45 | 2.022 | 2.133 | 2.451 | 3.384 | 2.020 | 3.859 | 55.88 | 55.884 | 51.764 | 55.537 | 53.906 | 62.598 | 31.100 | 29.210 |
| 10/10/2025 5:00 | 1.928 | 2.041 | 2.343 | 3.381 | 1.928 | 3.852 | 55.88 | 55.711 | 51.296 | 55.537 | 53.762 | 62.598 | 30.830 | 29.490 |
| 10/10/2025 5:15 | 1.846 | 1.962 | 2.242 | 3.370 | 1.843 | 3.856 | 56.06 | 55.711 | 50.738 | 55.364 | 53.672 | 62.425 | 30.630 | 29.530 |
| 10/10/2025 5:30 | 1.774 | 1.895 | 2.158 | 3.369 | 1.772 | 3.853 | 55.88 | 55.537 | 50.288 | 55.364 | 53.708 | 62.425 | 30.440 | 29.490 |
| 10/10/2025 5:45 | 1.712 | 1.830 | 2.081 | 3.365 | 1.702 | 3.856 | 56.06 | 55.364 | 50.252 | 55.364 | 53.672 | 62.425 | 30.210 | 28.880 |
| 10/10/2025 6:00 | 1.651 | 1.774 | 2.027 | 3.360 | 1.651 | 3.860 | 55.88 | 55.189 | 50.018 | 55.364 | 53.708 | 62.425 | 30.150 | 28.580 |
| 10/10/2025 6:15 | 1.612 | 1.733 | 1.975 | 3.357 | 1.608 | 3.859 | 55.88 | 55.189 | 49.388 | 55.364 | 53.708 | 62.425 | 30.080 | 28.220 |
| 10/10/2025 6:30 | 1.575 | 1.693 | 1.924 | 3.352 | 1.579 | 3.856 | 55.88 | 55.017 | 48.740 | 55.364 | 53.762 | 62.425 | 30.040 | 26.910 |
| 10/10/2025 6:45 | 1.540 | 1.666 | 1.907 | 3.343 | 1.539 | 3.857 | 55.88 | 54.842 | 48.380 | 55.189 | 53.798 | 62.254 | 30.060 | 25.690 |
| 10/10/2025 7:00 | 1.515 | 1.646 | 1.868 | 3.343 | 1.515 | 3.853 | 55.71 | 54.842 | 48.092 | 55.189 | 53.798 | 62.254 | 29.960 | 25.070 |
| 10/10/2025 7:15 | 1.495 | 1.630 | 1.840 | 3.350 | 1.469 | 3.864 | 55.88 | 54.669 | 47.840 | 55.189 | 53.834 | 62.254 | 29.880 | 22.970 |
| 10/10/2025 7:30 | 1.478 | 1.614 | 1.796 | 3.353 | 1.428 | 3.867 | 55.88 | 54.669 | 47.606 | 55.189 | 53.924 | 62.254 | 29.840 | 22.890 |
| 10/10/2025 7:45 | 1.447 | 1.595 | 1.764 | 3.341 | 1.405 | 3.871 | 55.88 | 54.495 | 47.390 | 55.189 | 53.996 | 62.254 | 29.830 | 22.350 |
| 10/10/2025 8:00 | 1.421 | 1.558 | 1.729 | 3.323 | 1.379 | 3.870 | 55.88 | 54.495 | 47.264 | 55.017 | 54.032 | 62.254 | 29.630 | 21.860 |
| 10/10/2025 8:15 | 1.381 | 1.529 | 1.708 | 3.302 | 1.356 | 3.868 | 55.88 | 54.322 | 47.336 | 55.017 | 54.086 | 62.254 | 29.770 | 21.780 |
| 10/10/2025 8:30 | 1.358 | 1.510 | 1.697 | 3.291 | 1.353 | 3.844 | 56.06 | 54.322 | 47.426 | 55.017 | 54.140 | 62.254 | 29.730 | 21.850 |
| 10/10/2025 8:45 | 1.325 | 1.488 | 1.682 | 3.276 | 1.335 | 3.836 | 56.23 | 54.147 | 47.498 | 55.017 | 54.194 | 62.254 | 29.630 | 21.300 |
| 10/10/2025 9:00 | 1.314 | 1.481 | 1.684 | 3.280 | 1.328 | 3.833 | 56.40 | 54.147 | 47.552 | 54.842 | 54.248 | 62.254 | 29.600 | 21.290 |
| 10/10/2025 9:15 | 1.295 | 1.469 | 1.683 | 3.272 | 1.327 | 3.831 | 56.40 | 54.147 | 47.624 | 54.842 | 54.302 | 62.425 | 29.580 | 20.390 |
| 10/10/2025 9:30 | 1.279 | 1.453 | 1.689 | 3.272 | 1.318 | 3.824 | 56.58 | 54.147 | 47.390 | 54.842 | 54.338 | 62.598 | 29.590 | 18.770 |
| 10/10/2025 9:45 | 1.270 | 1.451 | 1.683 | 3.277 | 1.311 | 3.824 | 56.75 | 53.973 | 47.534 | 54.842 | 54.392 | 62.769 | 29.590 | 22.290 |
| 10/10/2025 10:00 | 1.257 | 1.450 | 1.679 | 3.273 | 1.310 | 3.819 | 56.75 | 53.973 | 47.786 | 54.842 | 54.428 | 62.769 | 29.590 | 18.620 |
| 10/10/2025 10:15 | 1.250 | 1.459 | 1.676 | 3.274 | 1.295 | 3.826 | 56.92 | 53.973 | 48.092 | 54.842 | 54.446 | 62.940 | 29.570 | 18.640 |
| 10/10/2025 10:30 | 1.252 | 1.457 | 1.673 | 3.283 | 1.292 | 3.832 | 57.10 | 53.973 | 48.380 | 54.842 | 54.500 | 62.940 | 29.560 | 18.450 |
| 10/10/2025 10:45 | 1.233 | 1.449 | 1.680 | 3.275 | 1.284 | 3.837 | 57.10 | 53.973 | 48.722 | 54.842 | 54.518 | 62.940 | 29.540 | 18.500 |
| 10/10/2025 11:00 | 1.245 | 1.451 | 1.667 | 3.285 | 1.279 | 3.831 | 56.92 | 53.973 | 49.046 | 54.842 | 54.590 | 63.111 | 29.490 | 18.470 |
| 10/10/2025 11:15 | 1.237 | 1.446 | 1.671 | 3.284 | 1.282 | 3.841 | 56.92 | 53.973 | 49.370 | 54.842 | 54.644 | 63.111 | 29.470 | 18.830 |
| 10/10/2025 11:30 | 1.275 | 1.453 | 1.678 | 3.282 | 1.297 | 3.836 | 56.92 | 53.973 | 49.694 | 54.842 | 54.716 | 63.111 | 29.450 | 18.800 |
| 10/10/2025 11:45 | 1.433 | 1.465 | 1.664 | 3.271 | 1.420 | 3.847 | 56.92 | 53.973 | 50.054 | 54.842 | 54.806 | 63.282 | 29.390 | 19.000 |
| 10/10/2025 12:00 | 1.719 | 1.602 | 1.680 | 3.271 | 1.649 | 3.844 | 56.92 | 54.147 | 50.468 | 55.017 | 54.788 | 63.282 | 29.130 | 20.690 |
| 10/10/2025 12:15 | 2.219 | 1.961 | 1.805 | 3.282 | 2.059 | 3.839 | 56.92 | 54.147 | 51.116 | 55.189 | 54.842 | 63.282 | 27.840 | 19.260 |
| 10/10/2025 12:30 | 2.831 | 2.572 | 2.181 | 3.267 | 2.662 | 3.844 | 57.61 | 54.322 | 51.692 | 55.189 | 56.714 | 63.455 | 30.600 | 22.570 |
| 10/10/2025 12:45 | 3.435 | 3.186 | 2.809 | 3.263 | 3.237 | 3.833 | 57.61 | 54.322 | 51.926 | 55.364 | 57.056 | 63.455 | 32.030 | 16.970 |
| 10/10/2025 13:00 | 3.982 | 3.647 | 3.427 | 3.531 | 3.691 | 3.836 | 57.44 | 54.842 | 52.016 | 55.711 | 57.074 | 63.455 | 32.910 | 18.900 |
| 10/10/2025 13:15 | 4.343 | 3.991 | 3.890 | 3.866 | 4.020 | 3.836 | 57.44 | 55.364 | 52.718 | 55.711 | 57.020 | 63.626 | 32.940 | 17.820 |
| 10/10/2025 13:30 | 4.562 | 4.240 | 4.220 | 4.039 | 4.282 | 3.845 | 57.44 | 55.884 | 53.636 | 55.884 | 57.020 | 63.626 | 32.970 | 18.170 |
| 10/10/2025 13:45 | 4.700 | 4.370 | 4.449 | 4.160 | 4.427 | 3.841 | 57.44 | 55.884 | 54.590 | 56.057 | 57.020 | 63.797 | 33.070 | 22.640 |
| 10/10/2025 14:00 | 4.800 | 4.472 | 4.568 | 4.240 | 4.505 | 3.844 | 57.44 | 55.884 | 55.328 | 56.404 | 57.020 | 63.797 | 33.130 | 19.140 |
| 10/10/2025 14:15 | 4.789 | 4.535 | 4.639 | 4.298 | 4.569 | 3.843 | 57.44 | 56.057 | 55.598 | 56.750 | 57.020 | 63.797 | 32.970 | 21.600 |
| 10/10/2025 14:30 | 4.754 | 4.587 | 4.709 | 4.346 | 4.593 | 3.845 | 57.27 | 56.057 | 55.814 | 56.750 | 57.038 | 63.968 | 32.980 | 28.390 |
| 10/10/2025 14:45 | 4.555 | 4.570 | 4.751 | 4.380 | 4.535 | 3.847 | 57.44 | 56.230 | 56.084 | 56.923 | 57.056 | 63.968 | 32.980 | 29.580 |
| 10/10/2025 15:00 | 4.423 | 4.507 | 4.746 | 4.410 | 4.445 | 3.846 | 57.44 | 56.230 | 56.336 | 56.923 | 57.128 | 63.968 | 32.800 | 30.180 |
| 10/10/2025 15:15 | 4.164 | 4.325 | 4.710 | 4.413 | 4.247 | 3.846 | 57.44 | 56.404 | 56.570 | 56.923 | 57.218 | 64.139 | 32.960 | 30.560 |
| 10/10/2025 15:30 | 3.923 | 4.140 | 4.571 | 4.393 | 4.021 | 3.837 | 57.61 | 56.577 | 56.768 | 57.096 | 57.362 | 64.139 | 32.880 | 30.770 |
| 10/10/2025 15:45 | 3.647 | 3.911 | 4.398 | 4.356 | 3.775 | 3.837 | 57.61 | 56.750 | 56.894 | 57.096 | 57.704 | 64.310 | 32.800 | 30.960 |
| 10/10/2025 16:00 | 3.353 | 3.672 | 4.176 | 4.305 | 3.486 | 3.857 | 57.79 | 56.750 | 57.038 | 57.268 | 58.046 | 64.310 | 32.880 | 31.100 |
| 10/10/2025 16:15 | 3.088 | 3.394 | 3.942 | 4.241 | 3.211 | 3.871 | 57.96 | 56.923 | 57.254 | 57.268 | 58.136 | 64.310 | 32.750 | 31.270 |
| 10/10/2025 16:30 | 2.852 | 3.142 | 3.674 | 4.165 | 2.959 | 3.878 | 58.13 | 57.096 | 57.344 | 57.268 | 58.172 | 64.481 | 32.670 | 31.330 |
| 10/10/2025 16:45 | 2.634 | 2.930 | 3.439 | 4.091 | 2.743 | 3.868 | 58.13 | 57.096 | 57.326 | 57.441 | 58.118 | 64.481 | 32.540 | 31.330 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/10/2025 17:00 | 2.462 | 2.752 | 3.234 | 3.988 | 2.561 | 3.860 | 58.13 | 57.096 | 57.254 | 57.441 | 57.974 | 64.481 | 32.450 | 31.300 |
| 10/10/2025 17:15 | 2.303 | 2.586 | 3.057 | 3.883 | 2.404 | 3.859 | 57.96 | 57.096 | 57.128 | 57.441 | 57.776 | 64.481 | 32.300 | 31.270 |
| 10/10/2025 17:30 | 2.176 | 2.436 | 2.868 | 3.765 | 2.258 | 3.863 | 57.96 | 57.096 | 56.966 | 57.441 | 57.542 | 64.481 | 32.010 | 31.240 |
| 10/10/2025 17:45 | 2.056 | 2.289 | 2.706 | 3.667 | 2.127 | 3.862 | 57.96 | 57.096 | 56.732 | 57.441 | 57.308 | 64.481 | 31.740 | 31.240 |
| 10/10/2025 18:00 | 1.960 | 2.165 | 2.561 | 3.587 | 2.014 | 3.853 | 57.79 | 57.096 | 56.462 | 57.268 | 57.074 | 64.310 | 31.440 | 31.220 |
| 10/10/2025 18:15 | 1.867 | 2.063 | 2.428 | 3.531 | 1.936 | 3.856 | 57.79 | 57.096 | 56.156 | 57.268 | 56.858 | 64.310 | 31.100 | 31.250 |
| 10/10/2025 18:30 | 1.789 | 1.966 | 2.310 | 3.497 | 1.845 | 3.853 | 57.61 | 57.096 | 55.868 | 57.096 | 56.624 | 64.139 | 30.760 | 31.260 |
| 10/10/2025 18:45 | 1.720 | 1.895 | 2.216 | 3.473 | 1.795 | 3.848 | 57.61 | 56.923 | 55.616 | 57.096 | 56.408 | 64.139 | 30.390 | 31.250 |
| 10/10/2025 19:00 | 1.663 | 1.833 | 2.153 | 3.460 | 1.730 | 3.850 | 57.44 | 56.923 | 55.382 | 57.096 | 56.228 | 63.968 | 30.010 | 31.220 |
| 10/10/2025 19:15 | 1.615 | 1.794 | 2.099 | 3.451 | 1.697 | 3.856 | 57.27 | 56.750 | 55.238 | 56.923 | 56.030 | 63.797 | 29.640 | 31.210 |
| 10/10/2025 19:30 | 1.568 | 1.752 | 2.051 | 3.440 | 1.641 | 3.852 | 57.27 | 56.750 | 55.112 | 56.923 | 55.850 | 63.797 | 29.040 | 31.170 |
| 10/10/2025 19:45 | 1.536 | 1.724 | 2.014 | 3.439 | 1.592 | 3.844 | 57.27 | 56.577 | 54.914 | 56.923 | 55.688 | 63.626 | 28.750 | 31.140 |
| 10/10/2025 20:00 | 1.498 | 1.699 | 1.978 | 3.434 | 1.572 | 3.852 | 57.27 | 56.577 | 54.788 | 56.923 | 55.562 | 63.626 | 28.370 | 31.110 |
| 10/10/2025 20:15 | 1.469 | 1.684 | 1.954 | 3.426 | 1.523 | 3.847 | 57.10 | 56.577 | 54.662 | 56.923 | 55.436 | 63.626 | 28.160 | 30.970 |
| 10/10/2025 20:30 | 1.446 | 1.664 | 1.928 | 3.426 | 1.495 | 3.851 | 57.10 | 56.404 | 54.518 | 56.923 | 55.310 | 63.626 | 27.910 | 30.720 |
| 10/10/2025 20:45 | 1.414 | 1.645 | 1.903 | 3.422 | 1.465 | 3.847 | 57.10 | 56.404 | 54.392 | 56.923 | 55.220 | 63.455 | 27.750 | 30.470 |
| 10/10/2025 21:00 | 1.404 | 1.632 | 1.884 | 3.419 | 1.435 | 3.843 | 57.10 | 56.230 | 54.266 | 56.750 | 55.130 | 63.455 | 27.640 | 30.200 |
| 10/10/2025 21:15 | 1.375 | 1.626 | 1.865 | 3.413 | 1.419 | 3.846 | 57.10 | 56.230 | 54.140 | 56.750 | 55.058 | 63.455 | 27.740 | 29.960 |
| 10/10/2025 21:30 | 1.371 | 1.615 | 1.851 | 3.413 | 1.403 | 3.844 | 57.10 | 56.230 | 53.996 | 56.750 | 55.004 | 63.455 | 27.740 | 29.760 |
| 10/10/2025 21:45 | 1.360 | 1.619 | 1.840 | 3.407 | 1.402 | 3.848 | 57.10 | 56.230 | 53.852 | 56.750 | 54.950 | 63.455 | 27.750 | 29.560 |
| 10/10/2025 22:00 | 1.334 | 1.605 | 1.844 | 3.400 | 1.390 | 3.851 | 57.10 | 56.057 | 53.672 | 56.750 | 54.860 | 63.282 | 27.780 | 29.330 |
| 10/10/2025 22:15 | 1.323 | 1.598 | 1.835 | 3.401 | 1.383 | 3.848 | 57.10 | 56.057 | 53.510 | 56.750 | 54.788 | 63.282 | 27.730 | 29.130 |
| 10/10/2025 22:30 | 1.311 | 1.591 | 1.845 | 3.402 | 1.371 | 3.856 | 56.92 | 56.057 | 53.330 | 56.750 | 54.734 | 63.282 | 27.810 | 28.930 |
| 10/10/2025 22:45 | 1.298 | 1.583 | 1.826 | 3.397 | 1.365 | 3.850 | 56.92 | 56.057 | 53.150 | 56.750 | 54.662 | 63.282 | 27.800 | 28.760 |
| 10/10/2025 23:00 | 1.296 | 1.580 | 1.814 | 3.386 | 1.346 | 3.846 | 56.92 | 55.884 | 52.970 | 56.577 | 54.626 | 63.282 | 27.910 | 28.570 |
| 10/10/2025 23:15 | 1.293 | 1.574 | 1.811 | 3.391 | 1.326 | 3.854 | 56.92 | 55.884 | 52.790 | 56.577 | 54.554 | 63.111 | 27.980 | 28.390 |
| 10/10/2025 23:30 | 1.270 | 1.571 | 1.793 | 3.381 | 1.322 | 3.852 | 56.75 | 55.884 | 52.592 | 56.577 | 54.482 | 63.111 | 28.000 | 28.190 |
| 10/10/2025 23:45 | 1.269 | 1.562 | 1.795 | 3.387 | 1.310 | 3.838 | 56.75 | 55.884 | 52.394 | 56.577 | 54.392 | 63.111 | 28.070 | 28.010 |
| 10/11/2025 0:00 | 1.261 | 1.555 | 1.782 | 3.380 | 1.297 | 3.852 | 56.58 | 55.711 | 52.214 | 56.577 | 54.266 | 63.111 | 28.100 | 27.890 |
| 10/11/2025 0:15 | 1.237 | 1.543 | 1.772 | 3.368 | 1.284 | 3.860 | 56.58 | 55.711 | 52.052 | 56.577 | 54.122 | 63.111 | 28.070 | 27.650 |
| 10/11/2025 0:30 | 1.231 | 1.546 | 1.768 | 3.362 | 1.288 | 3.843 | 56.40 | 55.711 | 51.872 | 56.404 | 53.978 | 62.940 | 28.090 | 27.530 |
| 10/11/2025 0:45 | 1.290 | 1.545 | 1.771 | 3.362 | 1.313 | 3.842 | 56.40 | 55.537 | 51.728 | 56.404 | 53.870 | 62.940 | 28.100 | 27.400 |
| 10/11/2025 1:00 | 1.445 | 1.539 | 1.770 | 3.352 | 1.436 | 3.846 | 56.23 | 55.537 | 51.584 | 56.404 | 53.798 | 62.940 | 28.080 | 27.300 |
| 10/11/2025 1:15 | 1.688 | 1.659 | 1.767 | 3.350 | 1.638 | 3.836 | 56.23 | 55.364 | 51.458 | 56.404 | 53.654 | 62.940 | 28.020 | 27.030 |
| 10/11/2025 1:30 | 2.011 | 1.924 | 1.863 | 3.354 | 1.914 | 3.841 | 56.06 | 55.364 | 51.800 | 56.404 | 53.420 | 62.940 | 27.820 | 28.390 |
| 10/11/2025 1:45 | 2.491 | 2.329 | 2.130 | 3.344 | 2.335 | 3.849 | 54.84 | 55.364 | 51.998 | 56.230 | 53.474 | 62.940 | 28.450 | 28.490 |
| 10/11/2025 2:00 | 2.890 | 2.772 | 2.531 | 3.342 | 2.767 | 3.848 | 54.67 | 55.364 | 51.638 | 56.230 | 53.708 | 62.940 | 30.340 | 28.300 |
| 10/11/2025 2:15 | 3.216 | 3.171 | 2.980 | 3.335 | 3.149 | 3.842 | 54.84 | 55.017 | 51.494 | 56.230 | 53.834 | 62.769 | 30.830 | 28.060 |
| 10/11/2025 2:30 | 3.445 | 3.439 | 3.385 | 3.500 | 3.388 | 3.847 | 55.02 | 54.842 | 51.710 | 56.057 | 53.978 | 62.769 | 31.260 | 28.000 |
| 10/11/2025 2:45 | 3.537 | 3.589 | 3.649 | 3.686 | 3.515 | 3.846 | 55.19 | 54.669 | 51.980 | 55.884 | 54.158 | 62.769 | 31.730 | 25.920 |
| 10/11/2025 3:00 | 3.520 | 3.603 | 3.793 | 3.789 | 3.516 | 3.839 | 55.19 | 54.669 | 52.196 | 55.711 | 54.302 | 62.769 | 32.130 | 25.130 |
| 10/11/2025 3:15 | 3.406 | 3.523 | 3.807 | 3.766 | 3.432 | 3.849 | 55.19 | 54.495 | 52.376 | 55.711 | 54.374 | 62.769 | 32.280 | 27.990 |
| 10/11/2025 3:30 | 3.265 | 3.398 | 3.718 | 3.670 | 3.277 | 3.850 | 55.19 | 54.495 | 52.610 | 55.537 | 54.356 | 62.769 | 32.290 | 28.070 |
| 10/11/2025 3:45 | 3.028 | 3.187 | 3.593 | 3.557 | 3.074 | 3.851 | 55.19 | 54.669 | 52.790 | 55.537 | 54.266 | 62.598 | 32.330 | 28.170 |
| 10/11/2025 4:00 | 2.816 | 2.966 | 3.384 | 3.442 | 2.851 | 3.848 | 55.19 | 54.842 | 52.862 | 55.537 | 54.086 | 62.598 | 32.300 | 28.220 |
| 10/11/2025 4:15 | 2.615 | 2.748 | 3.157 | 3.391 | 2.635 | 3.838 | 55.19 | 54.842 | 52.808 | 55.364 | 53.816 | 62.598 | 32.220 | 28.240 |
| 10/11/2025 4:30 | 2.433 | 2.556 | 2.951 | 3.364 | 2.456 | 3.842 | 55.02 | 54.842 | 52.682 | 55.364 | 53.528 | 62.598 | 32.090 | 27.910 |
| 10/11/2025 4:45 | 2.272 | 2.399 | 2.763 | 3.353 | 2.284 | 3.842 | 55.02 | 54.842 | 52.484 | 55.189 | 53.348 | 62.598 | 32.020 | 27.990 |
| 10/11/2025 5:00 | 2.133 | 2.253 | 2.584 | 3.341 | 2.143 | 3.854 | 54.84 | 54.669 | 52.232 | 55.189 | 53.240 | 62.598 | 31.820 | 27.980 |
| 10/11/2025 5:15 | 2.014 | 2.137 | 2.437 | 3.336 | 2.018 | 3.847 | 54.84 | 54.669 | 51.944 | 55.189 | 53.132 | 62.598 | 31.760 | 28.250 |
| 10/11/2025 5:30 | 1.915 | 2.034 | 2.329 | 3.328 | 1.923 | 3.843 | 54.84 | 54.669 | 51.638 | 55.189 | 53.078 | 62.598 | 31.530 | 28.250 |
| 10/11/2025 5:45 | 1.811 | 1.933 | 2.208 | 3.315 | 1.831 | 3.849 | 54.84 | 54.669 | 51.494 | 55.017 | 53.060 | 62.425 | 31.430 | 28.270 |
| 10/11/2025 6:00 | 1.734 | 1.859 | 2.131 | 3.305 | 1.759 | 3.841 | 54.84 | 54.669 | 51.404 | 55.017 | 53.096 | 62.425 | 31.380 | 28.300 |
| 10/11/2025 6:15 | 1.680 | 1.793 | 2.063 | 3.313 | 1.690 | 3.846 | 55.02 | 54.669 | 51.224 | 55.017 | 53.132 | 62.425 | 31.300 | 28.250 |
| 10/11/2025 6:30 | 1.616 | 1.736 | 2.000 | 3.305 | 1.630 | 3.854 | 55.02 | 54.669 | 50.882 | 55.017 | 53.150 | 62.425 | 31.220 | 28.170 |
| 10/11/2025 6:45 | 1.571 | 1.687 | 1.932 | 3.303 | 1.578 | 3.843 | 55.19 | 54.669 | 50.594 | 55.017 | 53.204 | 62.425 | 31.160 | 28.040 |
| 10/11/2025 7:00 | 1.530 | 1.648 | 1.886 | 3.301 | 1.523 | 3.851 | 55.02 | 54.495 | 50.432 | 54.842 | 53.258 | 62.254 | 31.140 | 25.980 |
| 10/11/2025 7:15 | 1.495 | 1.614 | 1.833 | 3.298 | 1.478 | 3.846 | 55.02 | 54.495 | 50.306 | 54.842 | 53.312 | 62.254 | 31.070 | 23.850 |
| 10/11/2025 7:30 | 1.459 | 1.591 | 1.791 | 3.305 | 1.428 | 3.851 | 55.02 | 54.495 | 50.108 | 54.842 | 53.366 | 62.254 | 31.000 | 22.060 |
| 10/11/2025 7:45 | 1.430 | 1.569 | 1.748 | 3.311 | 1.385 | 3.857 | 55.19 | 54.495 | 49.856 | 54.842 | 53.420 | 62.254 | 31.010 | 21.220 |
| 10/11/2025 8:00 | 1.388 | 1.528 | 1.702 | 3.292 | 1.360 | 3.859 | 55.19 | 54.495 | 49.802 | 54.842 | 53.492 | 62.254 | 30.940 | 20.690 |
| 10/11/2025 8:15 | 1.356 | 1.508 | 1.690 | 3.283 | 1.346 | 3.845 | 55.36 | 54.495 | 49.856 | 54.669 | 53.546 | 62.254 | 30.870 | 20.550 |
| 10/11/2025 8:30 | 1.321 | 1.477 | 1.677 | 3.271 | 1.334 | 3.836 | 55.36 | 54.495 | 49.856 | 54.669 | 53.618 | 62.254 | 30.770 | 20.050 |
| 10/11/2025 8:45 | 1.295 | 1.463 | 1.663 | 3.257 | 1.320 | 3.829 | 55.36 | 54.495 | 49.856 | 54.669 | 53.690 | 62.425 | 30.760 | 18.060 |
| 10/11/2025 9:00 | 1.281 | 1.453 | 1.663 | 3.273 | 1.315 | 3.819 | 55.54 | 54.495 | 49.586 | 54.669 | 53.744 | 62.425 | 30.650 | 17.230 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/11/2025 9:15 | 1.265 | 1.444 | 1.663 | 3.265 | 1.299 | 3.831 | 55.71 | 54.495 | 49.550 | 54.669 | 53.798 | 62.425 | 30.580 | 16.960 |
| 10/11/2025 9:30 | 1.254 | 1.436 | 1.659 | 3.261 | 1.286 | 3.823 | 55.88 | 54.495 | 49.658 | 54.669 | 53.852 | 62.598 | 30.530 | 17.620 |
| 10/11/2025 9:45 | 1.236 | 1.430 | 1.654 | 3.259 | 1.272 | 3.823 | 56.06 | 54.495 | 49.802 | 54.669 | 53.906 | 62.598 | 30.510 | 16.550 |
| 10/11/2025 10:00 | 1.236 | 1.438 | 1.649 | 3.270 | 1.261 | 3.818 | 56.23 | 54.495 | 49.982 | 54.669 | 53.942 | 62.769 | 30.380 | 17.280 |
| 10/11/2025 10:15 | 1.218 | 1.435 | 1.635 | 3.267 | 1.243 | 3.833 | 56.23 | 54.495 | 50.198 | 54.669 | 53.996 | 62.769 | 30.390 | 18.470 |
| 10/11/2025 10:30 | 1.210 | 1.435 | 1.641 | 3.271 | 1.226 | 3.834 | 56.40 | 54.495 | 50.450 | 54.669 | 54.032 | 62.769 | 30.300 | 19.490 |
| 10/11/2025 10:45 | 1.202 | 1.439 | 1.625 | 3.275 | 1.216 | 3.839 | 56.40 | 54.495 | 50.738 | 54.669 | 54.068 | 62.940 | 30.240 | 19.340 |
| 10/11/2025 11:00 | 1.197 | 1.426 | 1.628 | 3.266 | 1.207 | 3.839 | 56.40 | 54.495 | 51.062 | 54.669 | 54.140 | 62.940 | 30.190 | 19.320 |
| 10/11/2025 11:15 | 1.183 | 1.428 | 1.616 | 3.269 | 1.211 | 3.837 | 56.23 | 54.495 | 51.386 | 54.669 | 54.212 | 62.940 | 30.090 | 19.420 |
| 10/11/2025 11:30 | 1.172 | 1.421 | 1.622 | 3.265 | 1.199 | 3.837 | 56.23 | 54.495 | 51.710 | 54.669 | 54.302 | 63.111 | 30.040 | 19.270 |
| 10/11/2025 11:45 | 1.147 | 1.407 | 1.624 | 3.244 | 1.202 | 3.837 | 56.40 | 54.495 | 52.088 | 54.842 | 54.410 | 63.111 | 29.990 | 17.260 |
| 10/11/2025 12:00 | 1.133 | 1.402 | 1.640 | 3.244 | 1.199 | 3.820 | 56.40 | 54.669 | 52.466 | 55.017 | 54.554 | 63.111 | 29.960 | 19.600 |
| 10/11/2025 12:15 | 1.133 | 1.406 | 1.638 | 3.244 | 1.189 | 3.816 | 56.40 | 54.669 | 52.844 | 55.189 | 54.716 | 63.282 | 29.950 | 19.740 |
| 10/11/2025 12:30 | 1.218 | 1.396 | 1.634 | 3.238 | 1.237 | 3.816 | 56.58 | 54.842 | 53.240 | 55.189 | 54.932 | 63.282 | 29.920 | 19.830 |
| 10/11/2025 12:45 | 1.428 | 1.427 | 1.631 | 3.246 | 1.400 | 3.810 | 56.92 | 55.017 | 53.636 | 55.364 | 55.166 | 63.282 | 29.930 | 20.180 |
| 10/11/2025 13:00 | 1.756 | 1.588 | 1.648 | 3.255 | 1.660 | 3.818 | 57.10 | 55.189 | 54.050 | 55.711 | 55.688 | 63.455 | 29.470 | 20.090 |
| 10/11/2025 13:15 | 2.279 | 1.983 | 1.783 | 3.249 | 2.099 | 3.826 | 57.44 | 55.364 | 54.248 | 55.884 | 56.588 | 63.455 | 28.140 | 19.660 |
| 10/11/2025 13:30 | 2.836 | 2.600 | 2.194 | 3.249 | 2.683 | 3.823 | 57.96 | 55.537 | 54.644 | 56.230 | 57.470 | 63.626 | 29.940 | 21.440 |
| 10/11/2025 13:45 | 3.452 | 3.201 | 2.830 | 3.245 | 3.238 | 3.822 | 57.61 | 55.711 | 55.166 | 56.750 | 57.470 | 63.626 | 31.200 | 21.030 |
| 10/11/2025 14:00 | 3.937 | 3.637 | 3.420 | 3.530 | 3.631 | 3.828 | 57.27 | 56.404 | 55.364 | 57.096 | 57.254 | 63.797 | 32.160 | 18.760 |
| 10/11/2025 14:15 | 4.264 | 3.949 | 3.842 | 3.842 | 3.963 | 3.830 | 57.10 | 56.923 | 56.048 | 57.441 | 56.930 | 63.968 | 32.720 | 21.490 |
| 10/11/2025 14:30 | 4.439 | 4.173 | 4.161 | 3.998 | 4.172 | 3.833 | 57.10 | 56.923 | 56.714 | 57.441 | 56.822 | 63.968 | 32.950 | 23.200 |
| 10/11/2025 14:45 | 4.584 | 4.309 | 4.357 | 4.121 | 4.292 | 3.827 | 57.10 | 56.750 | 57.200 | 57.614 | 56.858 | 64.139 | 33.010 | 23.270 |
| 10/11/2025 15:00 | 4.600 | 4.387 | 4.462 | 4.196 | 4.383 | 3.830 | 57.10 | 56.750 | 57.218 | 57.785 | 56.858 | 64.139 | 33.120 | 23.980 |
| 10/11/2025 15:15 | 4.542 | 4.441 | 4.545 | 4.255 | 4.394 | 3.827 | 57.27 | 56.750 | 57.038 | 57.785 | 56.912 | 64.310 | 33.090 | 24.800 |
| 10/11/2025 15:30 | 4.440 | 4.430 | 4.594 | 4.298 | 4.364 | 3.835 | 57.27 | 56.750 | 56.948 | 57.614 | 56.948 | 64.310 | 33.040 | 26.200 |
| 10/11/2025 15:45 | 4.294 | 4.378 | 4.601 | 4.318 | 4.296 | 3.840 | 57.27 | 56.923 | 57.002 | 57.614 | 57.002 | 64.481 | 33.070 | 27.490 |
| 10/11/2025 16:00 | 4.107 | 4.242 | 4.579 | 4.337 | 4.139 | 3.836 | 57.27 | 56.923 | 57.038 | 57.614 | 57.074 | 64.481 | 33.040 | 28.150 |
| 10/11/2025 16:15 | 3.835 | 4.034 | 4.448 | 4.317 | 3.892 | 3.836 | 57.44 | 56.923 | 57.056 | 57.614 | 57.200 | 64.481 | 33.060 | 28.640 |
| 10/11/2025 16:30 | 3.538 | 3.791 | 4.266 | 4.259 | 3.629 | 3.843 | 57.44 | 56.923 | 57.074 | 57.785 | 57.542 | 64.481 | 33.030 | 29.040 |
| 10/11/2025 16:45 | 3.236 | 3.513 | 4.035 | 4.203 | 3.311 | 3.839 | 57.61 | 57.096 | 57.146 | 57.785 | 57.758 | 64.652 | 32.960 | 29.360 |
| 10/11/2025 17:00 | 2.956 | 3.237 | 3.766 | 4.125 | 3.039 | 3.837 | 57.79 | 57.268 | 57.290 | 57.785 | 57.830 | 64.652 | 32.850 | 29.640 |
| 10/11/2025 17:15 | 2.720 | 2.992 | 3.509 | 4.033 | 2.794 | 3.845 | 57.79 | 57.268 | 57.326 | 57.785 | 57.920 | 64.652 | 32.750 | 29.880 |
| 10/11/2025 17:30 | 2.500 | 2.785 | 3.279 | 3.916 | 2.568 | 3.846 | 57.96 | 57.268 | 57.344 | 57.785 | 57.920 | 64.652 | 32.640 | 30.040 |
| 10/11/2025 17:45 | 2.329 | 2.584 | 3.039 | 3.780 | 2.399 | 3.842 | 57.96 | 57.268 | 57.344 | 57.958 | 57.848 | 64.652 | 32.520 | 30.090 |
| 10/11/2025 18:00 | 2.189 | 2.415 | 2.853 | 3.668 | 2.240 | 3.834 | 57.79 | 57.268 | 57.398 | 57.958 | 57.758 | 64.652 | 32.400 | 30.180 |
| 10/11/2025 18:15 | 2.064 | 2.270 | 2.664 | 3.583 | 2.103 | 3.834 | 57.79 | 57.268 | 57.398 | 57.958 | 57.686 | 64.652 | 32.190 | 30.220 |
| 10/11/2025 18:30 | 1.951 | 2.137 | 2.512 | 3.514 | 1.987 | 3.841 | 57.79 | 57.268 | 57.344 | 57.958 | 57.632 | 64.481 | 31.950 | 30.300 |
| 10/11/2025 18:45 | 1.854 | 2.027 | 2.371 | 3.484 | 1.882 | 3.845 | 57.79 | 57.268 | 57.236 | 57.785 | 57.560 | 64.481 | 31.690 | 30.370 |
| 10/11/2025 19:00 | 1.774 | 1.935 | 2.251 | 3.460 | 1.811 | 3.846 | 57.79 | 57.268 | 57.074 | 57.785 | 57.488 | 64.310 | 31.470 | 30.440 |
| 10/11/2025 19:15 | 1.697 | 1.856 | 2.170 | 3.439 | 1.730 | 3.853 | 57.61 | 57.268 | 56.912 | 57.785 | 57.398 | 64.310 | 31.130 | 30.470 |
| 10/11/2025 19:30 | 1.638 | 1.791 | 2.086 | 3.420 | 1.667 | 3.847 | 57.61 | 57.268 | 56.714 | 57.785 | 57.308 | 64.139 | 30.880 | 30.500 |
| 10/11/2025 19:45 | 1.579 | 1.745 | 2.034 | 3.416 | 1.623 | 3.850 | 57.79 | 57.096 | 56.534 | 57.785 | 57.218 | 63.968 | 30.540 | 30.500 |
| 10/11/2025 20:00 | 1.535 | 1.706 | 1.985 | 3.408 | 1.549 | 3.849 | 57.79 | 57.096 | 56.336 | 57.785 | 57.146 | 63.797 | 30.200 | 30.550 |
| 10/11/2025 20:15 | 1.487 | 1.675 | 1.935 | 3.399 | 1.510 | 3.845 | 57.79 | 57.096 | 56.138 | 57.785 | 57.074 | 63.797 | 29.980 | 30.580 |
| 10/11/2025 20:30 | 1.451 | 1.655 | 1.899 | 3.393 | 1.469 | 3.847 | 57.79 | 57.096 | 55.976 | 57.614 | 56.984 | 63.626 | 29.710 | 30.540 |
| 10/11/2025 20:45 | 1.422 | 1.634 | 1.859 | 3.388 | 1.447 | 3.846 | 57.79 | 56.923 | 55.814 | 57.614 | 56.912 | 63.626 | 29.570 | 30.520 |
| 10/11/2025 21:00 | 1.390 | 1.614 | 1.845 | 3.384 | 1.408 | 3.841 | 57.79 | 56.923 | 55.652 | 57.614 | 56.804 | 63.455 | 29.430 | 30.480 |
| 10/11/2025 21:15 | 1.362 | 1.595 | 1.826 | 3.380 | 1.389 | 3.832 | 57.61 | 56.923 | 55.490 | 57.614 | 56.660 | 63.455 | 29.210 | 30.450 |
| 10/11/2025 21:30 | 1.341 | 1.589 | 1.816 | 3.378 | 1.393 | 3.835 | 57.61 | 56.923 | 55.310 | 57.614 | 56.516 | 63.282 | 28.920 | 30.440 |
| 10/11/2025 21:45 | 1.330 | 1.590 | 1.816 | 3.375 | 1.356 | 3.833 | 57.61 | 56.750 | 55.130 | 57.614 | 56.426 | 63.282 | 28.690 | 30.410 |
| 10/11/2025 22:00 | 1.310 | 1.574 | 1.805 | 3.375 | 1.336 | 3.838 | 57.61 | 56.750 | 54.950 | 57.441 | 56.336 | 63.282 | 28.500 | 30.340 |
| 10/11/2025 22:15 | 1.290 | 1.571 | 1.799 | 3.367 | 1.329 | 3.833 | 57.61 | 56.750 | 54.770 | 57.441 | 56.246 | 63.111 | 28.400 | 30.220 |
| 10/11/2025 22:30 | 1.270 | 1.563 | 1.797 | 3.367 | 1.321 | 3.836 | 57.44 | 56.750 | 54.608 | 57.441 | 56.138 | 63.111 | 28.320 | 30.040 |
| 10/11/2025 22:45 | 1.250 | 1.550 | 1.786 | 3.366 | 1.317 | 3.833 | 57.44 | 56.577 | 54.428 | 57.441 | 56.030 | 63.111 | 28.290 | 29.810 |
| 10/11/2025 23:00 | 1.234 | 1.550 | 1.787 | 3.358 | 1.306 | 3.831 | 57.44 | 56.577 | 54.266 | 57.268 | 55.958 | 63.111 | 28.260 | 29.570 |
| 10/11/2025 23:15 | 1.219 | 1.547 | 1.778 | 3.355 | 1.298 | 3.827 | 57.44 | 56.577 | 54.140 | 57.268 | 55.832 | 62.940 | 28.210 | 29.270 |
| 10/11/2025 23:30 | 1.216 | 1.533 | 1.774 | 3.352 | 1.286 | 3.821 | 57.44 | 56.577 | 53.996 | 57.268 | 55.706 | 62.940 | 28.020 | 28.960 |
| 10/11/2025 23:45 | 1.212 | 1.529 | 1.770 | 3.348 | 1.287 | 3.826 | 57.44 | 56.404 | 53.870 | 57.268 | 55.652 | 62.940 | 28.040 | 28.730 |
| 10/12/2025 0:00 | 1.200 | 1.525 | 1.777 | 3.340 | 1.284 | 3.829 | 57.44 | 56.404 | 53.744 | 57.268 | 55.580 | 62.940 | 28.010 | 28.600 |
| 10/12/2025 0:15 | 1.193 | 1.522 | 1.776 | 3.340 | 1.267 | 3.829 | 57.27 | 56.404 | 53.582 | 57.096 | 55.490 | 62.940 | 28.010 | 28.490 |
| 10/12/2025 0:30 | 1.179 | 1.516 | 1.759 | 3.330 | 1.255 | 3.830 | 57.27 | 56.404 | 53.384 | 57.096 | 55.382 | 62.769 | 27.980 | 28.420 |
| 10/12/2025 0:45 | 1.172 | 1.514 | 1.746 | 3.332 | 1.260 | 3.821 | 57.10 | 56.230 | 53.204 | 57.096 | 55.274 | 62.769 | 27.980 | 28.420 |
| 10/12/2025 1:00 | 1.169 | 1.507 | 1.750 | 3.326 | 1.243 | 3.834 | 57.10 | 56.230 | 52.988 | 57.096 | 55.184 | 62.769 | 27.970 | 28.350 |
| 10/12/2025 1:15 | 1.153 | 1.500 | 1.742 | 3.321 | 1.236 | 3.831 | 56.92 | 56.230 | 52.808 | 56.923 | 55.130 | 62.598 | 27.950 | 28.320 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/12/2025 1:30 | 1.155 | 1.501 | 1.743 | 3.311 | 1.246 | 3.823 | 56.92 | 56.057 | 52.610 | 56.923 | 55.058 | 62.598 | 27.900 | 28.320 |
| 10/12/2025 1:45 | 1.184 | 1.500 | 1.744 | 3.313 | 1.249 | 3.836 | 56.75 | 56.057 | 52.448 | 56.923 | 55.022 | 62.598 | 27.880 | 28.270 |
| 10/12/2025 2:00 | 1.261 | 1.487 | 1.743 | 3.307 | 1.276 | 3.831 | 56.75 | 56.057 | 52.304 | 56.750 | 54.986 | 62.598 | 27.850 | 28.250 |
| 10/12/2025 2:15 | 1.420 | 1.484 | 1.730 | 3.296 | 1.393 | 3.830 | 56.75 | 55.884 | 52.160 | 56.750 | 54.932 | 62.598 | 27.860 | 28.200 |
| 10/12/2025 2:30 | 1.605 | 1.571 | 1.719 | 3.292 | 1.559 | 3.830 | 56.75 | 55.884 | 52.034 | 56.750 | 54.770 | 62.425 | 27.860 | 29.400 |
| 10/12/2025 2:45 | 1.882 | 1.791 | 1.789 | 3.292 | 1.797 | 3.826 | 56.75 | 55.884 | 51.926 | 56.577 | 54.482 | 62.425 | 27.760 | 28.180 |
| 10/12/2025 3:00 | 2.237 | 2.123 | 1.971 | 3.291 | 2.117 | 3.835 | 56.06 | 55.711 | 52.394 | 56.577 | 54.644 | 62.425 | 27.900 | 28.310 |
| 10/12/2025 3:15 | 2.513 | 2.479 | 2.326 | 3.282 | 2.446 | 3.830 | 56.06 | 55.711 | 52.286 | 56.577 | 54.932 | 62.425 | 30.100 | 27.270 |
| 10/12/2025 3:30 | 2.813 | 2.788 | 2.675 | 3.285 | 2.743 | 3.826 | 56.23 | 55.364 | 52.070 | 56.404 | 55.148 | 62.598 | 31.460 | 27.570 |
| 10/12/2025 3:45 | 2.939 | 3.018 | 2.986 | 3.276 | 2.943 | 3.830 | 56.23 | 55.364 | 52.286 | 56.404 | 55.310 | 62.598 | 32.030 | 26.880 |
| 10/12/2025 4:00 | 3.080 | 3.136 | 3.215 | 3.299 | 3.053 | 3.829 | 56.23 | 55.364 | 52.628 | 56.404 | 55.436 | 62.598 | 32.270 | 26.860 |
| 10/12/2025 4:15 | 2.978 | 3.094 | 3.331 | 3.360 | 2.997 | 3.821 | 56.23 | 55.364 | 52.826 | 56.230 | 55.526 | 62.598 | 32.450 | 26.840 |
| 10/12/2025 4:30 | 2.874 | 2.971 | 3.306 | 3.321 | 2.869 | 3.824 | 56.23 | 55.364 | 52.988 | 56.230 | 55.508 | 62.598 | 32.520 | 26.810 |
| 10/12/2025 4:45 | 2.724 | 2.829 | 3.178 | 3.302 | 2.728 | 3.817 | 56.23 | 55.537 | 53.132 | 56.230 | 55.472 | 62.598 | 32.520 | 26.770 |
| 10/12/2025 5:00 | 2.534 | 2.656 | 3.023 | 3.285 | 2.546 | 3.821 | 56.23 | 55.537 | 53.204 | 56.230 | 55.382 | 62.598 | 32.370 | 26.660 |
| 10/12/2025 5:15 | 2.394 | 2.501 | 2.850 | 3.288 | 2.381 | 3.820 | 56.06 | 55.537 | 53.276 | 56.230 | 55.310 | 62.598 | 32.330 | 26.520 |
| 10/12/2025 5:30 | 2.223 | 2.337 | 2.677 | 3.280 | 2.203 | 3.830 | 56.40 | 55.537 | 53.330 | 56.057 | 55.256 | 62.598 | 32.240 | 26.340 |
| 10/12/2025 5:45 | 2.088 | 2.203 | 2.505 | 3.284 | 2.067 | 3.823 | 56.23 | 55.537 | 53.384 | 56.057 | 55.238 | 62.598 | 32.190 | 26.240 |
| 10/12/2025 6:00 | 1.966 | 2.080 | 2.369 | 3.288 | 1.951 | 3.831 | 56.40 | 55.537 | 53.438 | 56.057 | 55.220 | 62.598 | 32.100 | 26.160 |
| 10/12/2025 6:15 | 1.852 | 1.962 | 2.242 | 3.282 | 1.843 | 3.827 | 56.23 | 55.537 | 53.492 | 56.057 | 55.202 | 62.598 | 32.050 | 26.110 |
| 10/12/2025 6:30 | 1.772 | 1.880 | 2.132 | 3.276 | 1.764 | 3.824 | 56.23 | 55.537 | 53.528 | 56.057 | 55.184 | 62.598 | 31.970 | 26.030 |
| 10/12/2025 6:45 | 1.689 | 1.800 | 2.051 | 3.284 | 1.678 | 3.829 | 56.23 | 55.537 | 53.528 | 56.057 | 55.184 | 62.598 | 31.950 | 25.910 |
| 10/12/2025 7:00 | 1.620 | 1.733 | 1.984 | 3.273 | 1.619 | 3.825 | 56.23 | 55.537 | 53.438 | 55.884 | 55.184 | 62.598 | 31.920 | 25.760 |
| 10/12/2025 7:15 | 1.554 | 1.676 | 1.925 | 3.271 | 1.583 | 3.831 | 56.23 | 55.537 | 53.222 | 55.884 | 55.184 | 62.598 | 31.870 | 25.660 |
| 10/12/2025 7:30 | 1.498 | 1.621 | 1.878 | 3.277 | 1.501 | 3.824 | 56.23 | 55.537 | 53.024 | 55.884 | 55.202 | 62.425 | 31.820 | 24.690 |
| 10/12/2025 7:45 | 1.463 | 1.591 | 1.806 | 3.278 | 1.464 | 3.825 | 56.40 | 55.364 | 52.880 | 55.884 | 55.220 | 62.425 | 31.770 | 24.330 |
| 10/12/2025 8:00 | 1.421 | 1.553 | 1.774 | 3.275 | 1.395 | 3.834 | 56.40 | 55.364 | 52.772 | 55.884 | 55.238 | 62.425 | 31.720 | 24.150 |
| 10/12/2025 8:15 | 1.388 | 1.532 | 1.715 | 3.276 | 1.351 | 3.827 | 56.58 | 55.364 | 52.736 | 55.884 | 55.274 | 62.425 | 31.710 | 24.180 |
| 10/12/2025 8:30 | 1.354 | 1.502 | 1.677 | 3.274 | 1.354 | 3.829 | 56.58 | 55.364 | 52.808 | 55.884 | 55.328 | 62.425 | 31.600 | 24.080 |
| 10/12/2025 8:45 | 1.322 | 1.479 | 1.685 | 3.272 | 1.310 | 3.829 | 56.58 | 55.364 | 52.772 | 55.711 | 55.382 | 62.425 | 31.550 | 23.980 |
| 10/12/2025 9:00 | 1.291 | 1.459 | 1.663 | 3.265 | 1.314 | 3.825 | 56.75 | 55.364 | 52.484 | 55.711 | 55.418 | 62.425 | 31.550 | 23.890 |
| 10/12/2025 9:15 | 1.274 | 1.447 | 1.666 | 3.267 | 1.287 | 3.821 | 56.75 | 55.364 | 52.268 | 55.711 | 55.472 | 62.598 | 31.490 | 22.430 |
| 10/12/2025 9:30 | 1.251 | 1.444 | 1.650 | 3.272 | 1.276 | 3.815 | 56.75 | 55.364 | 52.250 | 55.711 | 55.562 | 62.598 | 31.440 | 22.360 |
| 10/12/2025 9:45 | 1.232 | 1.435 | 1.647 | 3.264 | 1.260 | 3.831 | 56.92 | 55.364 | 52.268 | 55.711 | 55.652 | 62.598 | 31.380 | 21.850 |
| 10/12/2025 10:00 | 1.212 | 1.440 | 1.651 | 3.272 | 1.244 | 3.820 | 56.92 | 55.364 | 52.340 | 55.711 | 55.742 | 62.769 | 31.340 | 19.850 |
| 10/12/2025 10:15 | 1.191 | 1.426 | 1.629 | 3.267 | 1.221 | 3.828 | 57.10 | 55.364 | 52.412 | 55.884 | 55.850 | 62.769 | 31.300 | 19.620 |
| 10/12/2025 10:30 | 1.177 | 1.424 | 1.632 | 3.265 | 1.207 | 3.814 | 57.10 | 55.537 | 52.502 | 55.884 | 55.940 | 62.769 | 31.290 | 20.880 |
| 10/12/2025 10:45 | 1.162 | 1.418 | 1.626 | 3.262 | 1.194 | 3.824 | 57.10 | 55.537 | 52.610 | 55.884 | 56.048 | 62.769 | 31.260 | 19.250 |
| 10/12/2025 11:00 | 1.143 | 1.417 | 1.619 | 3.262 | 1.187 | 3.818 | 57.27 | 55.537 | 52.736 | 56.057 | 56.174 | 62.769 | 31.230 | 19.000 |
| 10/12/2025 11:15 | 1.134 | 1.413 | 1.620 | 3.263 | 1.183 | 3.810 | 57.10 | 55.537 | 52.898 | 56.230 | 56.282 | 62.940 | 31.170 | 18.900 |
| 10/12/2025 11:30 | 1.123 | 1.414 | 1.635 | 3.267 | 1.192 | 3.814 | 57.10 | 55.711 | 53.078 | 56.230 | 56.354 | 62.940 | 31.130 | 18.800 |
| 10/12/2025 11:45 | 1.114 | 1.409 | 1.643 | 3.256 | 1.167 | 3.814 | 57.10 | 55.711 | 53.258 | 56.404 | 56.408 | 62.940 | 31.040 | 18.680 |
| 10/12/2025 12:00 | 1.105 | 1.408 | 1.636 | 3.250 | 1.177 | 3.817 | 57.27 | 55.711 | 53.420 | 56.404 | 56.462 | 62.940 | 31.020 | 18.590 |
| 10/12/2025 12:15 | 1.092 | 1.403 | 1.632 | 3.254 | 1.164 | 3.812 | 57.27 | 55.711 | 53.564 | 56.577 | 56.552 | 62.940 | 30.980 | 18.510 |
| 10/12/2025 12:30 | 1.082 | 1.397 | 1.630 | 3.248 | 1.149 | 3.815 | 57.44 | 55.884 | 53.708 | 56.750 | 56.678 | 62.940 | 30.950 | 21.720 |
| 10/12/2025 12:45 | 1.066 | 1.385 | 1.624 | 3.240 | 1.151 | 3.813 | 57.44 | 55.884 | 53.888 | 56.750 | 56.804 | 62.940 | 31.000 | 21.320 |
| 10/12/2025 13:00 | 1.097 | 1.399 | 1.629 | 3.247 | 1.152 | 3.808 | 57.61 | 55.884 | 54.050 | 56.923 | 56.930 | 62.940 | 30.890 | 21.990 |
| 10/12/2025 13:15 | 1.224 | 1.392 | 1.631 | 3.245 | 1.198 | 3.819 | 57.61 | 55.884 | 54.248 | 57.096 | 57.020 | 62.940 | 30.870 | 21.990 |
| 10/12/2025 13:30 | 1.443 | 1.401 | 1.625 | 3.244 | 1.325 | 3.812 | 57.61 | 55.884 | 54.428 | 57.268 | 57.074 | 62.940 | 30.850 | 22.090 |
| 10/12/2025 13:45 | 1.810 | 1.552 | 1.611 | 3.237 | 1.647 | 3.810 | 57.61 | 56.057 | 54.590 | 57.441 | 57.020 | 62.940 | 30.740 | 21.940 |
| 10/12/2025 14:00 | 2.365 | 2.010 | 1.718 | 3.243 | 2.112 | 3.814 | 57.44 | 56.057 | 54.752 | 57.441 | 57.020 | 62.940 | 30.610 | 21.730 |
| 10/12/2025 14:15 | 2.961 | 2.672 | 2.173 | 3.238 | 2.741 | 3.821 | 57.10 | 56.230 | 54.932 | 57.614 | 56.804 | 62.940 | 31.290 | 21.450 |
| 10/12/2025 14:30 | 3.595 | 3.296 | 2.863 | 3.244 | 3.316 | 3.803 | 56.92 | 56.404 | 54.968 | 57.785 | 56.642 | 62.940 | 32.120 | 21.230 |
| 10/12/2025 14:45 | 4.110 | 3.732 | 3.502 | 3.591 | 3.707 | 3.805 | 56.75 | 56.404 | 55.166 | 57.785 | 56.498 | 62.940 | 32.560 | 21.270 |
| 10/12/2025 15:00 | 4.506 | 4.082 | 3.926 | 3.890 | 4.071 | 3.815 | 56.75 | 56.404 | 55.598 | 57.785 | 56.372 | 63.111 | 32.750 | 21.910 |
| 10/12/2025 15:15 | 4.734 | 4.297 | 4.255 | 4.053 | 4.310 | 3.814 | 56.58 | 56.404 | 55.904 | 57.614 | 56.300 | 63.111 | 32.920 | 22.230 |
| 10/12/2025 15:30 | 4.939 | 4.438 | 4.449 | 4.159 | 4.476 | 3.807 | 56.58 | 56.230 | 55.994 | 57.441 | 56.264 | 63.111 | 32.950 | 22.760 |
| 10/12/2025 15:45 | 4.996 | 4.563 | 4.598 | 4.239 | 4.584 | 3.805 | 56.58 | 56.230 | 56.012 | 57.441 | 56.174 | 63.111 | 33.090 | 23.990 |
| 10/12/2025 16:00 | 5.050 | 4.635 | 4.703 | 4.299 | 4.664 | 3.818 | 56.58 | 56.230 | 56.012 | 57.268 | 56.156 | 63.111 | 33.050 | 25.520 |
| 10/12/2025 16:15 | 5.035 | 4.694 | 4.772 | 4.342 | 4.715 | 3.817 | 56.58 | 56.230 | 56.012 | 57.268 | 56.138 | 63.111 | 33.090 | 26.820 |
| 10/12/2025 16:30 | 4.941 | 4.733 | 4.824 | 4.398 | 4.725 | 3.814 | 56.58 | 56.230 | 56.030 | 57.268 | 56.120 | 62.940 | 33.090 | 28.120 |
| 10/12/2025 16:45 | 4.866 | 4.741 | 4.859 | 4.441 | 4.710 | 3.822 | 56.40 | 56.230 | 56.030 | 57.268 | 56.120 | 62.940 | 33.110 | 29.310 |
| 10/12/2025 17:00 | 4.716 | 4.719 | 4.872 | 4.481 | 4.647 | 3.820 | 56.40 | 56.230 | 56.030 | 57.268 | 56.120 | 62.940 | 33.100 | 30.120 |
| 10/12/2025 17:15 | 4.471 | 4.585 | 4.847 | 4.496 | 4.497 | 3.821 | 56.40 | 56.230 | 56.030 | 57.096 | 56.120 | 62.940 | 33.080 | 30.730 |
| 10/12/2025 17:30 | 4.309 | 4.442 | 4.784 | 4.500 | 4.349 | 3.828 | 56.40 | 56.230 | 56.030 | 57.096 | 56.102 | 62.940 | 33.070 | 31.100 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/12/2025 17:45 | 4.092 | 4.285 | 4.655 | 4.485 | 4.139 | 3.853 | 56.40 | 56.230 | 56.030 | 57.096 | 56.084 | 62.769 | 33.050 | 31.290 |
| 10/12/2025 18:00 | 3.798 | 4.065 | 4.514 | 4.445 | 3.895 | 3.879 | 56.23 | 56.230 | 56.030 | 57.096 | 56.048 | 62.769 | 33.020 | 31.450 |
| 10/12/2025 18:15 | 3.549 | 3.842 | 4.317 | 4.399 | 3.638 | 3.914 | 56.23 | 56.230 | 56.030 | 57.096 | 56.012 | 62.769 | 33.030 | 31.540 |
| 10/12/2025 18:30 | 3.273 | 3.592 | 4.094 | 4.337 | 3.377 | 3.941 | 56.23 | 56.230 | 55.994 | 57.096 | 55.994 | 62.940 | 32.970 | 31.660 |
| 10/12/2025 18:45 | 3.020 | 3.343 | 3.854 | 4.282 | 3.112 | 3.933 | 56.23 | 56.230 | 55.958 | 57.096 | 55.976 | 62.769 | 32.880 | 31.730 |
| 10/12/2025 19:00 | 2.782 | 3.112 | 3.616 | 4.228 | 2.885 | 3.923 | 56.23 | 56.057 | 55.922 | 57.096 | 55.940 | 62.940 | 32.720 | 31.760 |
| 10/12/2025 19:15 | 2.589 | 2.935 | 3.410 | 4.166 | 2.680 | 3.912 | 56.23 | 56.057 | 55.868 | 57.096 | 55.922 | 62.940 | 32.630 | 31.800 |
| 10/12/2025 19:30 | 2.416 | 2.771 | 3.230 | 4.101 | 2.510 | 3.897 | 56.23 | 56.230 | 55.814 | 57.096 | 55.868 | 62.940 | 32.620 | 31.810 |
| 10/12/2025 19:45 | 2.254 | 2.606 | 3.060 | 4.015 | 2.369 | 3.894 | 56.23 | 56.230 | 55.724 | 57.096 | 55.814 | 62.940 | 32.550 | 31.810 |
| 10/12/2025 20:00 | 2.124 | 2.465 | 2.906 | 3.927 | 2.209 | 3.886 | 56.23 | 56.230 | 55.670 | 57.096 | 55.742 | 62.769 | 32.400 | 31.810 |
| 10/12/2025 20:15 | 2.009 | 2.334 | 2.749 | 3.837 | 2.089 | 3.876 | 56.06 | 56.057 | 55.598 | 57.096 | 55.670 | 62.769 | 32.230 | 31.780 |
| 10/12/2025 20:30 | 1.897 | 2.206 | 2.606 | 3.730 | 1.965 | 3.869 | 56.06 | 56.057 | 55.490 | 56.923 | 55.616 | 62.769 | 32.030 | 31.790 |
| 10/12/2025 20:45 | 1.816 | 2.096 | 2.467 | 3.654 | 1.867 | 3.857 | 56.23 | 56.057 | 55.418 | 56.923 | 55.562 | 62.769 | 31.840 | 31.810 |
| 10/12/2025 21:00 | 1.736 | 2.000 | 2.350 | 3.588 | 1.804 | 3.855 | 56.06 | 56.057 | 55.346 | 56.923 | 55.490 | 62.769 | 31.490 | 31.830 |
| 10/12/2025 21:15 | 1.660 | 1.910 | 2.262 | 3.535 | 1.746 | 3.857 | 56.23 | 56.057 | 55.238 | 56.923 | 55.436 | 62.598 | 31.270 | 31.860 |
| 10/12/2025 21:30 | 1.596 | 1.848 | 2.176 | 3.511 | 1.672 | 3.840 | 56.06 | 56.057 | 55.166 | 56.923 | 55.364 | 62.598 | 31.090 | 31.860 |
| 10/12/2025 21:45 | 1.545 | 1.802 | 2.106 | 3.488 | 1.618 | 3.843 | 56.06 | 55.884 | 55.076 | 56.923 | 55.292 | 62.598 | 31.000 | 31.900 |
| 10/12/2025 22:00 | 1.502 | 1.760 | 2.063 | 3.472 | 1.572 | 3.840 | 56.23 | 55.884 | 54.968 | 56.750 | 55.238 | 62.598 | 30.970 | 31.920 |
| 10/12/2025 22:15 | 1.455 | 1.726 | 2.015 | 3.465 | 1.538 | 3.837 | 56.23 | 55.884 | 54.842 | 56.750 | 55.166 | 62.598 | 30.870 | 31.960 |
| 10/12/2025 22:30 | 1.427 | 1.711 | 1.989 | 3.457 | 1.512 | 3.837 | 56.23 | 55.884 | 54.734 | 56.750 | 55.112 | 62.425 | 30.810 | 31.930 |
| 10/12/2025 22:45 | 1.388 | 1.695 | 1.974 | 3.460 | 1.471 | 3.837 | 56.23 | 55.884 | 54.680 | 56.750 | 55.040 | 62.425 | 30.630 | 31.960 |
| 10/12/2025 23:00 | 1.357 | 1.684 | 1.947 | 3.446 | 1.441 | 3.841 | 56.23 | 55.711 | 54.608 | 56.750 | 55.004 | 62.425 | 30.520 | 31.950 |
| 10/12/2025 23:15 | 1.333 | 1.672 | 1.933 | 3.438 | 1.421 | 3.846 | 56.23 | 55.711 | 54.554 | 56.750 | 54.968 | 62.425 | 30.440 | 31.960 |
| 10/12/2025 23:30 | 1.314 | 1.662 | 1.919 | 3.439 | 1.395 | 3.834 | 56.23 | 55.711 | 54.500 | 56.750 | 54.896 | 62.254 | 30.300 | 31.940 |
| 10/12/2025 23:45 | 1.290 | 1.655 | 1.892 | 3.428 | 1.377 | 3.839 | 56.06 | 55.537 | 54.482 | 56.750 | 54.842 | 62.254 | 30.150 | 31.950 |
| 10/13/2025 0:00 | 1.271 | 1.643 | 1.891 | 3.424 | 1.371 | 3.836 | 56.06 | 55.537 | 54.410 | 56.750 | 54.824 | 62.254 | 30.100 | 31.930 |
| 10/13/2025 0:15 | 1.267 | 1.640 | 1.896 | 3.425 | 1.358 | 3.832 | 56.06 | 55.537 | 54.392 | 56.750 | 54.788 | 62.254 | 30.030 | 31.920 |
| 10/13/2025 0:30 | 1.240 | 1.629 | 1.872 | 3.425 | 1.335 | 3.834 | 56.06 | 55.537 | 54.338 | 56.577 | 54.770 | 62.254 | 29.940 | 31.850 |
| 10/13/2025 0:45 | 1.221 | 1.622 | 1.869 | 3.414 | 1.323 | 3.830 | 56.06 | 55.364 | 54.302 | 56.577 | 54.734 | 62.083 | 29.880 | 31.830 |
| 10/13/2025 1:00 | 1.210 | 1.623 | 1.854 | 3.411 | 1.307 | 3.831 | 56.06 | 55.364 | 54.248 | 56.577 | 54.716 | 62.083 | 29.830 | 31.840 |
| 10/13/2025 1:15 | 1.198 | 1.615 | 1.846 | 3.415 | 1.306 | 3.829 | 56.06 | 55.364 | 54.212 | 56.577 | 54.680 | 62.083 | 29.780 | 31.790 |
| 10/13/2025 1:30 | 1.184 | 1.601 | 1.856 | 3.400 | 1.297 | 3.832 | 56.06 | 55.364 | 54.176 | 56.577 | 54.662 | 62.083 | 29.770 | 31.710 |
| 10/13/2025 1:45 | 1.181 | 1.606 | 1.853 | 3.409 | 1.299 | 3.826 | 56.06 | 55.364 | 54.104 | 56.577 | 54.626 | 62.083 | 29.730 | 31.660 |
| 10/13/2025 2:00 | 1.184 | 1.602 | 1.846 | 3.405 | 1.274 | 3.834 | 56.06 | 55.364 | 54.050 | 56.577 | 54.590 | 62.083 | 29.650 | 31.600 |
| 10/13/2025 2:15 | 1.260 | 1.599 | 1.835 | 3.409 | 1.298 | 3.834 | 56.06 | 55.364 | 53.996 | 56.577 | 54.554 | 61.912 | 29.640 | 31.560 |
| 10/13/2025 2:30 | 1.497 | 1.591 | 1.818 | 3.394 | 1.419 | 3.842 | 56.06 | 55.364 | 53.906 | 56.577 | 54.518 | 61.912 | 29.610 | 31.520 |
| 10/13/2025 2:45 | 1.580 | 1.630 | 1.816 | 3.398 | 1.587 | 3.831 | 56.06 | 55.364 | 53.852 | 56.404 | 54.500 | 61.912 | 29.570 | 31.470 |
| 10/13/2025 3:00 | 1.906 | 1.874 | 1.838 | 3.388 | 1.829 | 3.836 | 56.06 | 55.364 | 53.798 | 56.404 | 54.554 | 61.912 | 29.570 | 30.260 |
| 10/13/2025 3:15 | 2.458 | 2.250 | 2.067 | 3.381 | 2.252 | 3.823 | 55.54 | 55.364 | 53.942 | 56.404 | 54.572 | 61.912 | 29.580 | 30.890 |
| 10/13/2025 3:30 | 2.780 | 2.663 | 2.426 | 3.379 | 2.651 | 3.827 | 55.54 | 55.364 | 53.834 | 56.404 | 54.698 | 61.912 | 29.800 | 30.730 |
| 10/13/2025 3:45 | 3.149 | 3.118 | 2.894 | 3.381 | 3.102 | 3.833 | 55.54 | 55.189 | 53.744 | 56.404 | 54.824 | 61.912 | 30.250 | 27.480 |
| 10/13/2025 4:00 | 3.569 | 3.502 | 3.324 | 3.526 | 3.466 | 3.824 | 55.54 | 55.017 | 53.744 | 56.404 | 54.932 | 61.912 | 31.130 | 30.690 |
| 10/13/2025 4:15 | 3.977 | 3.737 | 3.683 | 3.773 | 3.690 | 3.824 | 55.54 | 55.017 | 53.816 | 56.230 | 55.004 | 61.912 | 31.870 | 30.610 |
| 10/13/2025 4:30 | 4.035 | 3.979 | 3.942 | 3.932 | 3.945 | 3.821 | 55.54 | 55.189 | 53.906 | 56.230 | 55.076 | 61.912 | 32.370 | 30.600 |
| 10/13/2025 4:45 | 3.977 | 4.131 | 4.161 | 4.058 | 4.078 | 3.812 | 55.36 | 55.189 | 54.032 | 56.057 | 55.112 | 61.741 | 32.570 | 30.590 |
| 10/13/2025 5:00 | 4.215 | 4.203 | 4.294 | 4.134 | 4.107 | 3.829 | 55.54 | 55.189 | 54.266 | 56.057 | 55.130 | 61.741 | 32.680 | 30.660 |
| 10/13/2025 5:15 | 4.226 | 4.189 | 4.354 | 4.190 | 4.057 | 3.832 | 55.36 | 55.189 | 54.482 | 56.057 | 55.148 | 61.741 | 32.720 | 30.770 |
| 10/13/2025 5:30 | 4.167 | 4.185 | 4.334 | 4.221 | 4.052 | 3.830 | 55.36 | 55.189 | 54.644 | 56.057 | 55.148 | 61.741 | 32.770 | 30.780 |
| 10/13/2025 5:45 | 3.987 | 4.063 | 4.332 | 4.226 | 3.957 | 3.833 | 55.36 | 55.364 | 54.770 | 56.057 | 55.148 | 61.741 | 32.780 | 30.820 |
| 10/13/2025 6:00 | 3.680 | 3.931 | 4.238 | 4.193 | 3.790 | 3.830 | 55.36 | 55.364 | 54.842 | 56.057 | 55.112 | 61.741 | 32.780 | 30.950 |
| 10/13/2025 6:15 | 3.545 | 3.738 | 4.112 | 4.142 | 3.556 | 3.820 | 55.19 | 55.364 | 54.896 | 56.057 | 55.076 | 61.741 | 32.820 | 30.980 |
| 10/13/2025 6:30 | 3.183 | 3.532 | 3.941 | 4.070 | 3.402 | 3.827 | 55.19 | 55.364 | 54.896 | 56.057 | 55.004 | 61.741 | 32.800 | 31.100 |
| 10/13/2025 6:45 | 3.057 | 3.276 | 3.723 | 3.966 | 3.084 | 3.820 | 55.02 | 55.364 | 54.842 | 56.057 | 54.914 | 61.569 | 32.770 | 31.180 |
| 10/13/2025 7:00 | 2.798 | 3.019 | 3.506 | 3.812 | 2.847 | 3.821 | 55.02 | 55.364 | 54.752 | 56.057 | 54.842 | 61.569 | 32.740 | 31.280 |
| 10/13/2025 7:15 | 2.580 | 2.789 | 3.244 | 3.665 | 2.617 | 3.818 | 54.84 | 55.364 | 54.608 | 56.057 | 54.734 | 61.569 | 32.690 | 31.350 |
| 10/13/2025 7:30 | 2.398 | 2.578 | 3.001 | 3.559 | 2.426 | 3.821 | 54.84 | 55.364 | 54.374 | 55.884 | 54.626 | 61.569 | 32.640 | 31.380 |
| 10/13/2025 7:45 | 2.235 | 2.404 | 2.776 | 3.500 | 2.257 | 3.817 | 54.84 | 55.364 | 54.158 | 55.884 | 54.518 | 61.569 | 32.540 | 31.480 |
| 10/13/2025 8:00 | 2.098 | 2.247 | 2.603 | 3.465 | 2.115 | 3.824 | 55.02 | 55.364 | 53.996 | 55.884 | 54.392 | 61.569 | 32.440 | 31.490 |
| 10/13/2025 8:15 | 1.965 | 2.114 | 2.449 | 3.431 | 1.991 | 3.820 | 54.84 | 55.189 | 53.870 | 55.884 | 54.266 | 61.569 | 32.380 | 31.530 |
| 10/13/2025 8:30 | 1.854 | 2.014 | 2.322 | 3.423 | 1.886 | 3.821 | 54.84 | 55.189 | 53.744 | 55.884 | 54.176 | 61.569 | 32.210 | 31.590 |
| 10/13/2025 8:45 | 1.766 | 1.924 | 2.218 | 3.422 | 1.790 | 3.821 | 54.84 | 55.189 | 53.636 | 55.884 | 54.086 | 61.569 | 32.100 | 31.660 |
| 10/13/2025 9:00 | 1.683 | 1.843 | 2.126 | 3.413 | 1.722 | 3.828 | 55.02 | 55.189 | 53.546 | 55.884 | 54.014 | 61.569 | 32.080 | 31.740 |
| 10/13/2025 9:15 | 1.599 | 1.766 | 2.050 | 3.398 | 1.635 | 3.823 | 54.84 | 55.017 | 53.456 | 55.884 | 53.960 | 61.569 | 31.960 | 31.750 |
| 10/13/2025 9:30 | 1.541 | 1.717 | 1.982 | 3.387 | 1.588 | 3.823 | 54.84 | 55.017 | 53.330 | 55.884 | 53.924 | 61.569 | 31.920 | 31.840 |
| 10/13/2025 9:45 | 1.493 | 1.685 | 1.942 | 3.393 | 1.528 | 3.816 | 55.02 | 55.017 | 53.150 | 55.884 | 53.906 | 61.569 | 31.830 | 31.780 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/13/2025 10:00 | 1.448 | 1.657 | 1.901 | 3.384 | 1.487 | 3.822 | 55.02 | 54.842 | 53.078 | 55.884 | 53.924 | 61.569 | 31.720 | 31.730 |
| 10/13/2025 10:15 | 1.401 | 1.622 | 1.874 | 3.373 | 1.456 | 3.829 | 55.02 | 54.842 | 53.042 | 55.884 | 53.978 | 61.569 | 31.650 | 31.660 |
| 10/13/2025 10:30 | 1.373 | 1.615 | 1.859 | 3.381 | 1.417 | 3.820 | 55.02 | 54.842 | 53.024 | 55.884 | 54.032 | 61.398 | 31.550 | 31.500 |
| 10/13/2025 10:45 | 1.332 | 1.590 | 1.842 | 3.375 | 1.389 | 3.829 | 55.02 | 54.842 | 53.024 | 55.884 | 54.086 | 61.398 | 31.470 | 30.760 |
| 10/13/2025 11:00 | 1.314 | 1.576 | 1.825 | 3.373 | 1.363 | 3.823 | 55.19 | 54.842 | 53.042 | 55.884 | 54.158 | 61.398 | 31.440 | 29.880 |
| 10/13/2025 11:15 | 1.284 | 1.569 | 1.805 | 3.370 | 1.340 | 3.821 | 55.19 | 54.842 | 53.060 | 55.884 | 54.230 | 61.398 | 31.380 | 29.200 |
| 10/13/2025 11:30 | 1.264 | 1.561 | 1.792 | 3.362 | 1.321 | 3.829 | 55.36 | 54.842 | 53.096 | 55.884 | 54.320 | 61.398 | 31.330 | 28.680 |
| 10/13/2025 11:45 | 1.250 | 1.556 | 1.785 | 3.356 | 1.317 | 3.829 | 55.36 | 54.842 | 53.150 | 55.884 | 54.392 | 61.398 | 31.340 | 28.250 |
| 10/13/2025 12:00 | 1.230 | 1.547 | 1.781 | 3.360 | 1.306 | 3.820 | 55.36 | 54.842 | 53.204 | 56.057 | 54.446 | 61.398 | 31.300 | 27.920 |
| 10/13/2025 12:15 | 1.204 | 1.542 | 1.789 | 3.346 | 1.283 | 3.827 | 55.36 | 54.842 | 53.276 | 56.057 | 54.500 | 61.398 | 31.240 | 27.760 |
| 10/13/2025 12:30 | 1.187 | 1.534 | 1.775 | 3.334 | 1.266 | 3.825 | 55.19 | 54.842 | 53.330 | 56.057 | 54.554 | 61.398 | 31.180 | 27.660 |
| 10/13/2025 12:45 | 1.185 | 1.523 | 1.755 | 3.331 | 1.254 | 3.818 | 55.36 | 54.842 | 53.384 | 56.057 | 54.626 | 61.398 | 31.110 | 27.610 |
| 10/13/2025 13:00 | 1.169 | 1.523 | 1.748 | 3.343 | 1.239 | 3.820 | 55.36 | 54.842 | 53.474 | 56.057 | 54.680 | 61.569 | 31.110 | 27.570 |
| 10/13/2025 13:15 | 1.155 | 1.517 | 1.730 | 3.325 | 1.226 | 3.831 | 55.54 | 54.842 | 53.564 | 56.230 | 54.734 | 61.569 | 31.120 | 27.150 |
| 10/13/2025 13:30 | 1.151 | 1.509 | 1.728 | 3.318 | 1.219 | 3.828 | 55.54 | 54.842 | 53.636 | 56.230 | 54.788 | 61.569 | 31.060 | 27.420 |
| 10/13/2025 13:45 | 1.141 | 1.503 | 1.721 | 3.312 | 1.222 | 3.821 | 55.71 | 54.842 | 53.690 | 56.230 | 54.842 | 61.569 | 31.050 | 27.460 |
| 10/13/2025 14:00 | 1.209 | 1.496 | 1.721 | 3.300 | 1.241 | 3.826 | 55.71 | 54.842 | 53.744 | 56.230 | 54.896 | 61.569 | 30.970 | 26.250 |
| 10/13/2025 14:15 | 1.313 | 1.490 | 1.715 | 3.294 | 1.357 | 3.823 | 55.71 | 54.842 | 53.798 | 56.230 | 54.896 | 61.569 | 30.810 | 26.170 |
| 10/13/2025 14:30 | 1.702 | 1.545 | 1.704 | 3.289 | 1.536 | 3.824 | 55.71 | 54.842 | 53.834 | 56.404 | 54.806 | 61.569 | 30.680 | 26.180 |
| 10/13/2025 14:45 | 1.965 | 1.774 | 1.761 | 3.292 | 1.813 | 3.823 | 55.71 | 54.842 | 53.852 | 56.404 | 54.752 | 61.569 | 30.520 | 26.180 |
| 10/13/2025 15:00 | 2.456 | 2.214 | 1.936 | 3.287 | 2.224 | 3.822 | 55.36 | 54.842 | 54.086 | 56.404 | 54.734 | 61.569 | 30.390 | 29.000 |
| 10/13/2025 15:15 | 3.101 | 2.747 | 2.409 | 3.283 | 2.777 | 3.829 | 55.54 | 54.842 | 54.068 | 56.404 | 54.878 | 61.569 | 31.960 | 27.900 |
| 10/13/2025 15:30 | 3.422 | 3.244 | 2.940 | 3.292 | 3.239 | 3.828 | 55.54 | 54.842 | 54.014 | 56.404 | 54.968 | 61.569 | 32.390 | 27.590 |
| 10/13/2025 15:45 | 3.901 | 3.643 | 3.461 | 3.557 | 3.626 | 3.826 | 55.54 | 54.842 | 54.032 | 56.577 | 55.022 | 61.569 | 32.900 | 27.450 |
| 10/13/2025 16:00 | 4.376 | 3.964 | 3.847 | 3.844 | 3.944 | 3.830 | 55.54 | 55.017 | 54.104 | 56.404 | 55.076 | 61.569 | 33.240 | 27.430 |
| 10/13/2025 16:15 | 4.625 | 4.214 | 4.167 | 4.031 | 4.199 | 3.827 | 55.54 | 55.017 | 54.266 | 56.404 | 55.112 | 61.569 | 33.280 | 26.780 |
| 10/13/2025 16:30 | 4.554 | 4.379 | 4.392 | 4.154 | 4.398 | 3.819 | 55.54 | 55.017 | 54.482 | 56.230 | 55.130 | 61.569 | 33.290 | 30.210 |
| 10/13/2025 16:45 | 4.969 | 4.491 | 4.522 | 4.239 | 4.503 | 3.827 | 55.36 | 55.189 | 54.644 | 56.230 | 55.130 | 61.569 | 33.330 | 28.710 |
| 10/13/2025 17:00 | 4.906 | 4.580 | 4.621 | 4.293 | 4.569 | 3.823 | 55.36 | 55.189 | 54.770 | 56.057 | 55.112 | 61.398 | 33.260 | 25.910 |
| 10/13/2025 17:15 | 5.101 | 4.655 | 4.697 | 4.341 | 4.656 | 3.828 | 55.36 | 55.189 | 54.878 | 56.057 | 55.112 | 61.569 | 33.320 | 29.130 |
| 10/13/2025 17:30 | 4.900 | 4.713 | 4.772 | 4.389 | 4.711 | 3.821 | 55.36 | 55.189 | 54.950 | 56.057 | 55.112 | 61.398 | 33.370 | 29.500 |
| 10/13/2025 17:45 | 4.804 | 4.746 | 4.834 | 4.430 | 4.742 | 3.825 | 55.36 | 55.189 | 54.986 | 56.057 | 55.094 | 61.398 | 33.320 | 30.140 |
| 10/13/2025 18:00 | 5.030 | 4.751 | 4.863 | 4.466 | 4.698 | 3.824 | 55.36 | 55.189 | 55.022 | 56.057 | 55.094 | 61.398 | 33.270 | 30.740 |
| 10/13/2025 18:15 | 4.769 | 4.702 | 4.897 | 4.505 | 4.676 | 3.821 | 55.19 | 55.189 | 55.022 | 56.057 | 55.076 | 61.398 | 33.270 | 31.110 |
| 10/13/2025 18:30 | 4.611 | 4.659 | 4.878 | 4.525 | 4.566 | 3.829 | 55.19 | 55.189 | 55.040 | 56.057 | 55.076 | 61.398 | 33.210 | 31.350 |
| 10/13/2025 18:45 | 4.457 | 4.525 | 4.850 | 4.534 | 4.400 | 3.851 | 55.19 | 55.189 | 55.040 | 56.057 | 55.058 | 61.398 | 33.190 | 31.490 |
| 10/13/2025 19:00 | 4.213 | 4.411 | 4.751 | 4.531 | 4.303 | 3.877 | 55.19 | 55.189 | 55.022 | 56.057 | 55.022 | 61.398 | 33.200 | 31.630 |
| 10/13/2025 19:15 | 3.997 | 4.244 | 4.647 | 4.514 | 4.122 | 3.915 | 55.02 | 55.017 | 55.022 | 56.057 | 54.968 | 61.398 | 33.220 | 31.720 |
| 10/13/2025 19:30 | 3.800 | 4.056 | 4.471 | 4.464 | 3.907 | 3.958 | 55.02 | 55.017 | 55.022 | 56.057 | 54.914 | 61.398 | 33.250 | 31.820 |
| 10/13/2025 19:45 | 3.547 | 3.840 | 4.311 | 4.417 | 3.663 | 3.972 | 55.02 | 55.017 | 54.968 | 56.057 | 54.842 | 61.227 | 33.230 | 31.890 |
| 10/13/2025 20:00 | 3.297 | 3.621 | 4.106 | 4.369 | 3.403 | 3.979 | 54.84 | 55.017 | 54.878 | 55.884 | 54.770 | 61.227 | 33.210 | 31.940 |
| 10/13/2025 20:15 | 3.071 | 3.394 | 3.881 | 4.326 | 3.156 | 3.969 | 54.84 | 55.017 | 54.806 | 55.884 | 54.680 | 61.398 | 33.150 | 32.000 |
| 10/13/2025 20:30 | 2.845 | 3.182 | 3.645 | 4.260 | 2.934 | 3.951 | 54.67 | 55.017 | 54.716 | 55.884 | 54.608 | 61.398 | 33.120 | 32.070 |
| 10/13/2025 20:45 | 2.658 | 2.993 | 3.456 | 4.212 | 2.744 | 3.935 | 54.67 | 55.017 | 54.626 | 55.884 | 54.536 | 61.398 | 33.050 | 32.140 |
| 10/13/2025 21:00 | 2.483 | 2.842 | 3.274 | 4.141 | 2.581 | 3.928 | 54.67 | 55.017 | 54.518 | 55.884 | 54.464 | 61.569 | 33.000 | 32.120 |
| 10/13/2025 21:15 | 2.344 | 2.680 | 3.125 | 4.082 | 2.426 | 3.912 | 54.67 | 55.017 | 54.410 | 55.884 | 54.392 | 61.569 | 32.940 | 32.120 |
| 10/13/2025 21:30 | 2.213 | 2.545 | 2.972 | 3.995 | 2.299 | 3.904 | 54.67 | 55.017 | 54.302 | 55.884 | 54.320 | 61.569 | 32.860 | 32.110 |
| 10/13/2025 21:45 | 2.106 | 2.426 | 2.830 | 3.910 | 2.182 | 3.900 | 54.67 | 55.017 | 54.176 | 55.884 | 54.230 | 61.569 | 32.750 | 32.140 |
| 10/13/2025 22:00 | 1.991 | 2.307 | 2.711 | 3.805 | 2.085 | 3.896 | 54.67 | 55.017 | 54.086 | 55.884 | 54.158 | 61.569 | 32.640 | 31.980 |
| 10/13/2025 22:15 | 1.897 | 2.192 | 2.585 | 3.712 | 1.989 | 3.881 | 54.67 | 55.017 | 53.978 | 55.884 | 54.068 | 61.569 | 32.520 | 32.000 |
| 10/13/2025 22:30 | 1.818 | 2.096 | 2.467 | 3.641 | 1.904 | 3.867 | 54.67 | 54.842 | 53.888 | 55.711 | 54.014 | 61.569 | 32.470 | 32.030 |
| 10/13/2025 22:45 | 1.743 | 2.008 | 2.365 | 3.590 | 1.834 | 3.878 | 54.67 | 54.842 | 53.798 | 55.711 | 53.942 | 61.569 | 32.360 | 32.040 |
| 10/13/2025 23:00 | 1.683 | 1.935 | 2.269 | 3.552 | 1.761 | 3.856 | 54.67 | 54.842 | 53.708 | 55.711 | 53.888 | 61.569 | 32.240 | 32.050 |
| 10/13/2025 23:15 | 1.617 | 1.878 | 2.203 | 3.529 | 1.697 | 3.856 | 54.67 | 54.842 | 53.618 | 55.711 | 53.834 | 61.569 | 32.190 | 32.060 |
| 10/13/2025 23:30 | 1.565 | 1.828 | 2.130 | 3.514 | 1.637 | 3.864 | 54.67 | 54.842 | 53.564 | 55.711 | 53.780 | 61.569 | 32.130 | 32.050 |
| 10/13/2025 23:45 | 1.519 | 1.790 | 2.074 | 3.495 | 1.585 | 3.857 | 54.84 | 54.669 | 53.492 | 55.711 | 53.744 | 61.569 | 31.980 | 32.090 |
| 10/14/2025 0:00 | 1.480 | 1.760 | 2.024 | 3.487 | 1.540 | 3.855 | 54.84 | 54.669 | 53.438 | 55.711 | 53.690 | 61.569 | 31.860 | 32.080 |
| 10/14/2025 0:15 | 1.448 | 1.744 | 2.010 | 3.483 | 1.517 | 3.852 | 54.84 | 54.669 | 53.420 | 55.711 | 53.654 | 61.569 | 31.770 | 32.060 |
| 10/14/2025 0:30 | 1.412 | 1.729 | 1.978 | 3.475 | 1.490 | 3.859 | 54.67 | 54.669 | 53.384 | 55.711 | 53.618 | 61.569 | 31.640 | 32.030 |
| 10/14/2025 0:45 | 1.385 | 1.707 | 1.971 | 3.461 | 1.471 | 3.847 | 54.67 | 54.669 | 53.366 | 55.711 | 53.600 | 61.398 | 31.540 | 32.070 |
| 10/14/2025 1:00 | 1.355 | 1.700 | 1.957 | 3.458 | 1.436 | 3.841 | 54.84 | 54.669 | 53.366 | 55.711 | 53.582 | 61.398 | 31.510 | 32.050 |
| 10/14/2025 1:15 | 1.325 | 1.683 | 1.945 | 3.452 | 1.421 | 3.842 | 54.84 | 54.669 | 53.348 | 55.711 | 53.564 | 61.398 | 31.430 | 32.060 |
| 10/14/2025 1:30 | 1.309 | 1.682 | 1.926 | 3.451 | 1.404 | 3.844 | 54.84 | 54.495 | 53.348 | 55.711 | 53.564 | 61.398 | 31.380 | 32.040 |
| 10/14/2025 1:45 | 1.293 | 1.675 | 1.920 | 3.444 | 1.376 | 3.837 | 54.84 | 54.495 | 53.330 | 55.711 | 53.564 | 61.398 | 31.260 | 32.040 |
| 10/14/2025 2:00 | 1.272 | 1.662 | 1.904 | 3.442 | 1.362 | 3.837 | 54.67 | 54.495 | 53.312 | 55.711 | 53.546 | 61.398 | 31.200 | 32.020 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/14/2025 2:15 | 1.260 | 1.666 | 1.895 | 3.438 | 1.355 | 3.836 | 54.67 | 54.495 | 53.312 | 55.711 | 53.546 | 61.398 | 31.140 | 32.070 |
| 10/14/2025 2:30 | 1.240 | 1.662 | 1.891 | 3.431 | 1.338 | 3.836 | 54.84 | 54.495 | 53.294 | 55.711 | 53.528 | 61.398 | 31.110 | 32.020 |
| 10/14/2025 2:45 | 1.220 | 1.650 | 1.888 | 3.426 | 1.327 | 3.836 | 54.84 | 54.495 | 53.276 | 55.711 | 53.528 | 61.398 | 31.040 | 32.010 |
| 10/14/2025 3:00 | 1.209 | 1.647 | 1.876 | 3.423 | 1.319 | 3.828 | 54.84 | 54.495 | 53.240 | 55.711 | 53.510 | 61.398 | 30.960 | 31.990 |
| 10/14/2025 3:15 | 1.202 | 1.644 | 1.880 | 3.424 | 1.307 | 3.829 | 54.84 | 54.495 | 53.204 | 55.711 | 53.510 | 61.398 | 30.950 | 31.980 |
| 10/14/2025 3:30 | 1.274 | 1.633 | 1.867 | 3.425 | 1.319 | 3.838 | 54.84 | 54.495 | 53.186 | 55.711 | 53.492 | 61.398 | 30.920 | 31.920 |
| 10/14/2025 3:45 | 1.309 | 1.633 | 1.868 | 3.421 | 1.399 | 3.834 | 54.84 | 54.495 | 53.168 | 55.711 | 53.492 | 61.398 | 30.890 | 31.880 |
| 10/14/2025 4:00 | 1.553 | 1.643 | 1.856 | 3.412 | 1.539 | 3.831 | 54.84 | 54.495 | 53.132 | 55.711 | 53.474 | 61.398 | 30.860 | 31.820 |
| 10/14/2025 4:15 | 1.760 | 1.760 | 1.855 | 3.414 | 1.712 | 3.849 | 54.84 | 54.495 | 53.096 | 55.711 | 53.456 | 61.398 | 30.820 | 31.930 |
| 10/14/2025 4:30 | 2.172 | 1.988 | 1.973 | 3.408 | 1.986 | 3.858 | 54.84 | 54.495 | 53.096 | 55.711 | 53.492 | 61.398 | 30.770 | 31.790 |
| 10/14/2025 4:45 | 2.333 | 2.306 | 2.226 | 3.412 | 2.269 | 3.867 | 54.67 | 54.495 | 53.132 | 55.711 | 53.474 | 61.398 | 30.730 | 31.390 |
| 10/14/2025 5:00 | 2.685 | 2.637 | 2.530 | 3.413 | 2.585 | 3.878 | 54.50 | 54.495 | 53.042 | 55.711 | 53.600 | 61.398 | 30.790 | 31.290 |
| 10/14/2025 5:15 | 3.014 | 2.899 | 2.831 | 3.405 | 2.877 | 3.894 | 54.84 | 54.322 | 52.988 | 55.711 | 53.816 | 61.569 | 30.920 | 31.210 |
| 10/14/2025 5:30 | 3.142 | 3.172 | 3.143 | 3.406 | 3.119 | 3.913 | 54.84 | 54.322 | 52.988 | 55.711 | 53.978 | 61.569 | 31.660 | 31.160 |
| 10/14/2025 5:45 | 3.323 | 3.382 | 3.328 | 3.514 | 3.374 | 3.915 | 54.84 | 54.147 | 53.024 | 55.711 | 54.122 | 61.741 | 32.230 | 31.090 |
| 10/14/2025 6:00 | 3.531 | 3.500 | 3.570 | 3.663 | 3.374 | 3.914 | 54.84 | 54.147 | 53.078 | 55.537 | 54.230 | 61.741 | 32.470 | 31.770 |
| 10/14/2025 6:15 | 3.537 | 3.606 | 3.696 | 3.762 | 3.504 | 3.891 | 54.84 | 54.147 | 53.150 | 55.537 | 54.320 | 61.741 | 32.640 | 30.710 |
| 10/14/2025 6:30 | 3.382 | 3.559 | 3.805 | 3.754 | 3.444 | 3.901 | 54.84 | 54.147 | 53.204 | 55.537 | 54.374 | 61.741 | 32.750 | 30.920 |
| 10/14/2025 6:45 | 3.387 | 3.518 | 3.768 | 3.728 | 3.437 | 3.894 | 54.84 | 54.322 | 53.240 | 55.537 | 54.392 | 61.912 | 32.760 | 30.860 |
| 10/14/2025 7:00 | 3.255 | 3.405 | 3.699 | 3.687 | 3.290 | 3.881 | 54.84 | 54.322 | 53.294 | 55.364 | 54.374 | 61.912 | 32.810 | 30.800 |
| 10/14/2025 7:15 | 3.039 | 3.253 | 3.608 | 3.591 | 3.105 | 3.879 | 54.84 | 54.322 | 53.348 | 55.364 | 54.320 | 61.912 | 32.840 | 30.590 |
| 10/14/2025 7:30 | 2.894 | 3.058 | 3.411 | 3.483 | 2.966 | 3.880 | 54.84 | 54.322 | 53.366 | 55.364 | 54.248 | 61.912 | 32.760 | 30.730 |
| 10/14/2025 7:45 | 2.716 | 2.905 | 3.246 | 3.414 | 2.762 | 3.885 | 54.67 | 54.322 | 53.312 | 55.364 | 54.122 | 61.912 | 32.730 | 30.600 |
| 10/14/2025 8:00 | 2.600 | 2.731 | 3.064 | 3.401 | 2.606 | 3.865 | 54.67 | 54.322 | 53.258 | 55.364 | 53.978 | 61.741 | 32.630 | 30.630 |
| 10/14/2025 8:15 | 2.448 | 2.559 | 2.917 | 3.375 | 2.449 | 3.868 | 54.67 | 54.322 | 53.168 | 55.364 | 53.852 | 61.741 | 32.590 | 30.580 |
| 10/14/2025 8:30 | 2.301 | 2.418 | 2.751 | 3.373 | 2.306 | 3.866 | 54.50 | 54.322 | 53.078 | 55.537 | 53.798 | 61.912 | 32.490 | 30.520 |
| 10/14/2025 8:45 | 2.175 | 2.294 | 2.602 | 3.368 | 2.174 | 3.866 | 54.67 | 54.322 | 52.970 | 55.537 | 53.762 | 61.912 | 32.440 | 30.420 |
| 10/14/2025 9:00 | 2.065 | 2.176 | 2.473 | 3.361 | 2.055 | 3.869 | 54.67 | 54.322 | 52.898 | 55.537 | 53.744 | 61.912 | 32.470 | 30.260 |
| 10/14/2025 9:15 | 1.951 | 2.072 | 2.357 | 3.348 | 1.971 | 3.858 | 54.84 | 54.322 | 52.862 | 55.537 | 53.744 | 61.912 | 32.400 | 29.850 |
| 10/14/2025 9:30 | 1.851 | 1.978 | 2.265 | 3.335 | 1.868 | 3.854 | 54.84 | 54.322 | 52.862 | 55.537 | 53.762 | 61.912 | 32.380 | 29.260 |
| 10/14/2025 9:45 | 1.766 | 1.896 | 2.175 | 3.330 | 1.796 | 3.845 | 54.84 | 54.322 | 52.880 | 55.711 | 53.834 | 61.912 | 32.370 | 28.930 |
| 10/14/2025 10:00 | 1.692 | 1.828 | 2.092 | 3.335 | 1.720 | 3.843 | 55.02 | 54.322 | 52.916 | 55.711 | 53.924 | 61.912 | 32.300 | 28.850 |
| 10/14/2025 10:15 | 1.639 | 1.772 | 2.029 | 3.334 | 1.656 | 3.841 | 55.02 | 54.322 | 53.024 | 55.884 | 54.068 | 61.912 | 32.280 | 28.800 |
| 10/14/2025 10:30 | 1.579 | 1.710 | 1.964 | 3.321 | 1.609 | 3.854 | 55.19 | 54.322 | 53.150 | 55.884 | 54.212 | 62.083 | 32.270 | 28.790 |
| 10/14/2025 10:45 | 1.511 | 1.662 | 1.913 | 3.305 | 1.545 | 3.842 | 55.36 | 54.322 | 53.366 | 56.057 | 54.374 | 62.083 | 32.200 | 28.720 |
| 10/14/2025 11:00 | 1.463 | 1.619 | 1.857 | 3.301 | 1.493 | 3.848 | 55.54 | 54.322 | 53.618 | 56.230 | 54.554 | 62.083 | 32.220 | 27.780 |
| 10/14/2025 11:15 | 1.428 | 1.589 | 1.813 | 3.302 | 1.463 | 3.840 | 55.54 | 54.495 | 53.924 | 56.404 | 54.716 | 62.254 | 32.170 | 26.620 |
| 10/14/2025 11:30 | 1.389 | 1.559 | 1.803 | 3.286 | 1.434 | 3.844 | 55.71 | 54.495 | 54.230 | 56.404 | 54.878 | 62.254 | 32.160 | 24.980 |
| 10/14/2025 11:45 | 1.350 | 1.525 | 1.774 | 3.272 | 1.410 | 3.834 | 55.71 | 54.495 | 54.554 | 56.577 | 55.058 | 62.254 | 32.120 | 23.600 |
| 10/14/2025 12:00 | 1.318 | 1.512 | 1.764 | 3.265 | 1.387 | 3.827 | 55.88 | 54.495 | 54.842 | 56.750 | 55.256 | 62.425 | 32.090 | 23.030 |
| 10/14/2025 12:15 | 1.290 | 1.497 | 1.749 | 3.269 | 1.345 | 3.826 | 56.06 | 54.669 | 55.130 | 56.923 | 55.472 | 62.425 | 32.070 | 22.940 |
| 10/14/2025 12:30 | 1.271 | 1.486 | 1.713 | 3.266 | 1.321 | 3.827 | 56.06 | 54.669 | 55.436 | 57.096 | 55.670 | 62.425 | 32.030 | 19.590 |
| 10/14/2025 12:45 | 1.249 | 1.483 | 1.694 | 3.268 | 1.301 | 3.832 | 56.23 | 54.669 | 55.688 | 57.268 | 55.868 | 62.598 | 32.000 | 22.890 |
| 10/14/2025 13:00 | 1.226 | 1.465 | 1.694 | 3.261 | 1.284 | 3.826 | 56.23 | 54.842 | 55.922 | 57.441 | 56.120 | 62.598 | 31.950 | 23.540 |
| 10/14/2025 13:15 | 1.199 | 1.449 | 1.685 | 3.248 | 1.261 | 3.820 | 56.40 | 54.842 | 56.138 | 57.785 | 56.336 | 62.598 | 31.920 | 22.950 |
| 10/14/2025 13:30 | 1.183 | 1.449 | 1.674 | 3.255 | 1.247 | 3.816 | 56.58 | 54.842 | 56.372 | 57.958 | 56.570 | 62.598 | 31.790 | 21.940 |
| 10/14/2025 13:45 | 1.187 | 1.458 | 1.671 | 3.261 | 1.241 | 3.816 | 56.58 | 55.017 | 56.804 | 58.131 | 56.858 | 62.769 | 31.680 | 21.620 |
| 10/14/2025 14:00 | 1.171 | 1.454 | 1.673 | 3.262 | 1.231 | 3.833 | 56.58 | 55.017 | 57.020 | 58.303 | 57.074 | 62.769 | 31.670 | 21.760 |
| 10/14/2025 14:15 | 1.150 | 1.444 | 1.657 | 3.248 | 1.216 | 3.825 | 56.75 | 55.189 | 57.254 | 58.476 | 57.236 | 62.769 | 31.660 | 19.380 |
| 10/14/2025 14:30 | 1.146 | 1.445 | 1.654 | 3.250 | 1.221 | 3.824 | 56.75 | 55.189 | 57.488 | 58.647 | 57.362 | 62.940 | 31.580 | 19.300 |
| 10/14/2025 14:45 | 1.132 | 1.450 | 1.674 | 3.248 | 1.219 | 3.821 | 56.92 | 55.364 | 57.704 | 58.820 | 57.488 | 62.940 | 31.570 | 19.280 |
| 10/14/2025 15:00 | 1.128 | 1.449 | 1.669 | 3.251 | 1.205 | 3.829 | 57.10 | 55.364 | 57.920 | 58.993 | 57.632 | 62.940 | 31.540 | 20.480 |
| 10/14/2025 15:15 | 1.185 | 1.448 | 1.661 | 3.251 | 1.216 | 3.836 | 57.10 | 55.537 | 58.100 | 59.164 | 57.722 | 62.940 | 31.480 | 19.270 |
| 10/14/2025 15:30 | 1.210 | 1.460 | 1.654 | 3.263 | 1.253 | 3.835 | 57.27 | 55.537 | 58.244 | 59.337 | 57.812 | 63.111 | 31.420 | 18.680 |
| 10/14/2025 15:45 | 1.361 | 1.462 | 1.664 | 3.258 | 1.360 | 3.847 | 57.27 | 55.711 | 58.370 | 59.508 | 57.848 | 63.111 | 31.400 | 18.740 |
| 10/14/2025 16:00 | 1.574 | 1.542 | 1.673 | 3.255 | 1.532 | 3.849 | 57.27 | 55.711 | 58.460 | 59.680 | 57.920 | 63.111 | 31.290 | 18.730 |
| 10/14/2025 16:15 | 1.896 | 1.747 | 1.742 | 3.253 | 1.772 | 3.841 | 57.44 | 55.884 | 58.298 | 59.680 | 58.064 | 63.111 | 31.120 | 19.740 |
| 10/14/2025 16:30 | 2.263 | 2.121 | 1.933 | 3.251 | 2.137 | 3.839 | 57.79 | 55.884 | 57.992 | 59.851 | 58.298 | 63.111 | 30.880 | 21.300 |
| 10/14/2025 16:45 | 2.664 | 2.547 | 2.317 | 3.247 | 2.587 | 3.841 | 57.44 | 56.057 | 58.082 | 59.851 | 58.046 | 63.111 | 31.160 | 22.640 |
| 10/14/2025 17:00 | 3.053 | 2.972 | 2.743 | 3.250 | 2.981 | 3.841 | 57.10 | 56.057 | 58.244 | 59.851 | 57.560 | 63.111 | 31.480 | 22.680 |
| 10/14/2025 17:15 | 3.657 | 3.365 | 3.179 | 3.321 | 3.345 | 3.840 | 56.75 | 56.404 | 58.046 | 59.851 | 57.146 | 63.111 | 31.640 | 22.600 |
| 10/14/2025 17:30 | 3.954 | 3.686 | 3.572 | 3.636 | 3.653 | 3.830 | 56.58 | 56.750 | 57.920 | 59.851 | 56.678 | 63.111 | 32.140 | 22.700 |
| 10/14/2025 17:45 | 4.152 | 3.960 | 3.868 | 3.867 | 3.918 | 3.827 | 56.40 | 56.577 | 57.956 | 59.851 | 56.282 | 62.940 | 32.670 | 23.040 |
| 10/14/2025 18:00 | 4.335 | 4.176 | 4.138 | 4.010 | 4.134 | 3.836 | 56.40 | 56.404 | 57.974 | 59.508 | 56.120 | 62.940 | 32.870 | 23.430 |
| 10/14/2025 18:15 | 4.367 | 4.281 | 4.330 | 4.120 | 4.256 | 3.840 | 56.23 | 56.404 | 57.740 | 59.508 | 56.030 | 62.940 | 32.880 | 23.980 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/14/2025 18:30 | 4.375 | 4.334 | 4.437 | 4.184 | 4.311 | 3.841 | 56.23 | 56.230 | 57.380 | 59.164 | 55.976 | 62.940 | 32.980 | 24.860 |
| 10/14/2025 18:45 | 4.371 | 4.353 | 4.509 | 4.233 | 4.316 | 3.845 | 56.23 | 56.230 | 57.092 | 58.820 | 55.922 | 62.940 | 32.950 | 25.910 |
| 10/14/2025 19:00 | 4.244 | 4.338 | 4.543 | 4.267 | 4.293 | 3.837 | 56.06 | 56.230 | 56.858 | 58.476 | 55.904 | 62.940 | 32.950 | 27.220 |
| 10/14/2025 19:15 | 4.159 | 4.259 | 4.530 | 4.287 | 4.190 | 3.841 | 56.06 | 56.057 | 56.660 | 58.303 | 55.886 | 62.940 | 32.910 | 28.120 |
| 10/14/2025 19:30 | 4.050 | 4.141 | 4.460 | 4.299 | 4.032 | 3.828 | 56.06 | 56.057 | 56.498 | 58.131 | 55.868 | 62.769 | 32.870 | 28.760 |
| 10/14/2025 19:45 | 3.811 | 3.990 | 4.345 | 4.263 | 3.853 | 3.837 | 56.06 | 56.057 | 56.372 | 58.131 | 55.832 | 62.769 | 32.910 | 29.370 |
| 10/14/2025 20:00 | 3.590 | 3.794 | 4.201 | 4.217 | 3.650 | 3.836 | 56.06 | 56.057 | 56.336 | 58.131 | 55.850 | 62.769 | 33.020 | 29.910 |
| 10/14/2025 20:15 | 3.341 | 3.583 | 4.029 | 4.158 | 3.433 | 3.832 | 56.06 | 56.057 | 56.300 | 57.958 | 55.886 | 62.769 | 33.040 | 29.540 |
| 10/14/2025 20:30 | 3.108 | 3.351 | 3.821 | 4.087 | 3.207 | 3.840 | 56.23 | 56.057 | 56.300 | 57.958 | 55.940 | 62.769 | 33.060 | 30.490 |
| 10/14/2025 20:45 | 2.897 | 3.124 | 3.614 | 3.981 | 2.999 | 3.831 | 56.23 | 56.057 | 56.300 | 57.958 | 55.994 | 62.769 | 33.000 | 30.600 |
| 10/14/2025 21:00 | 2.708 | 2.928 | 3.398 | 3.849 | 2.790 | 3.838 | 56.23 | 56.057 | 56.318 | 57.958 | 56.066 | 62.769 | 32.890 | 30.710 |
| 10/14/2025 21:15 | 2.543 | 2.742 | 3.182 | 3.711 | 2.600 | 3.831 | 56.23 | 56.057 | 56.354 | 57.958 | 56.120 | 62.769 | 32.800 | 30.800 |
| 10/14/2025 21:30 | 2.400 | 2.580 | 2.985 | 3.597 | 2.435 | 3.832 | 56.40 | 56.230 | 56.426 | 57.958 | 56.174 | 62.598 | 32.740 | 30.890 |
| 10/14/2025 21:45 | 2.267 | 2.428 | 2.794 | 3.529 | 2.316 | 3.835 | 56.40 | 56.230 | 56.498 | 58.131 | 56.228 | 62.598 | 32.720 | 30.940 |
| 10/14/2025 22:00 | 2.137 | 2.294 | 2.657 | 3.474 | 2.180 | 3.848 | 56.40 | 56.230 | 56.534 | 57.958 | 56.300 | 62.598 | 32.610 | 31.060 |
| 10/14/2025 22:15 | 2.035 | 2.171 | 2.509 | 3.451 | 2.073 | 3.830 | 56.40 | 56.230 | 56.552 | 57.958 | 56.354 | 62.598 | 32.620 | 31.100 |
| 10/14/2025 22:30 | 1.944 | 2.083 | 2.393 | 3.432 | 1.991 | 3.833 | 56.40 | 56.230 | 56.534 | 57.958 | 56.408 | 62.598 | 32.510 | 31.150 |
| 10/14/2025 22:45 | 1.858 | 2.004 | 2.303 | 3.425 | 1.896 | 3.837 | 56.58 | 56.404 | 56.516 | 57.958 | 56.444 | 62.598 | 32.440 | 30.890 |
| 10/14/2025 23:00 | 1.783 | 1.919 | 2.217 | 3.408 | 1.826 | 3.846 | 56.58 | 56.404 | 56.462 | 57.958 | 56.462 | 62.598 | 32.410 | 31.260 |
| 10/14/2025 23:15 | 1.711 | 1.849 | 2.148 | 3.404 | 1.753 | 3.830 | 56.40 | 56.404 | 56.408 | 57.958 | 56.480 | 62.598 | 32.310 | 31.280 |
| 10/14/2025 23:30 | 1.651 | 1.795 | 2.086 | 3.400 | 1.703 | 3.825 | 56.40 | 56.404 | 56.336 | 57.958 | 56.498 | 62.425 | 32.190 | 31.270 |
| 10/14/2025 23:45 | 1.600 | 1.758 | 2.040 | 3.392 | 1.657 | 3.829 | 56.40 | 56.404 | 56.282 | 57.958 | 56.498 | 62.425 | 32.240 | 31.240 |
| 10/15/2025 0:00 | 1.548 | 1.708 | 1.990 | 3.384 | 1.610 | 3.826 | 56.40 | 56.404 | 56.228 | 57.958 | 56.498 | 62.425 | 32.160 | 31.190 |
| 10/15/2025 0:15 | 1.494 | 1.673 | 1.955 | 3.377 | 1.560 | 3.826 | 56.40 | 56.404 | 56.210 | 57.958 | 56.498 | 62.425 | 32.060 | 30.860 |
| 10/15/2025 0:30 | 1.467 | 1.656 | 1.922 | 3.382 | 1.520 | 3.826 | 56.40 | 56.404 | 56.192 | 57.958 | 56.498 | 62.425 | 31.960 | 29.760 |
| 10/15/2025 0:45 | 1.424 | 1.622 | 1.898 | 3.372 | 1.472 | 3.832 | 56.40 | 56.404 | 56.174 | 57.958 | 56.480 | 62.425 | 31.820 | 28.450 |
| 10/15/2025 1:00 | 1.391 | 1.604 | 1.855 | 3.369 | 1.429 | 3.818 | 56.58 | 56.404 | 56.156 | 57.958 | 56.462 | 62.425 | 31.800 | 27.310 |
| 10/15/2025 1:15 | 1.363 | 1.589 | 1.838 | 3.369 | 1.418 | 3.820 | 56.58 | 56.404 | 56.102 | 57.958 | 56.444 | 62.425 | 31.750 | 26.590 |
| 10/15/2025 1:30 | 1.344 | 1.590 | 1.829 | 3.365 | 1.403 | 3.824 | 56.58 | 56.404 | 56.030 | 57.785 | 56.408 | 62.425 | 31.610 | 26.080 |
| 10/15/2025 1:45 | 1.329 | 1.575 | 1.831 | 3.362 | 1.387 | 3.832 | 56.58 | 56.230 | 55.940 | 57.785 | 56.390 | 62.254 | 31.550 | 25.840 |
| 10/15/2025 2:00 | 1.294 | 1.556 | 1.819 | 3.351 | 1.375 | 3.829 | 56.58 | 56.230 | 55.814 | 57.785 | 56.354 | 62.254 | 31.490 | 25.710 |
| 10/15/2025 2:15 | 1.275 | 1.554 | 1.818 | 3.348 | 1.366 | 3.836 | 56.58 | 56.230 | 55.706 | 57.785 | 56.300 | 62.083 | 31.270 | 25.700 |
| 10/15/2025 2:30 | 1.268 | 1.551 | 1.815 | 3.353 | 1.355 | 3.838 | 56.58 | 56.230 | 55.580 | 57.785 | 56.246 | 62.083 | 30.710 | 25.580 |
| 10/15/2025 2:45 | 1.250 | 1.549 | 1.806 | 3.346 | 1.333 | 3.838 | 56.58 | 56.230 | 55.418 | 57.785 | 56.192 | 61.912 | 30.430 | 25.520 |
| 10/15/2025 3:00 | 1.229 | 1.541 | 1.804 | 3.338 | 1.309 | 3.837 | 56.58 | 56.230 | 55.274 | 57.785 | 56.138 | 61.912 | 29.880 | 25.510 |
| 10/15/2025 3:15 | 1.209 | 1.529 | 1.787 | 3.341 | 1.295 | 3.836 | 56.58 | 56.230 | 55.112 | 57.614 | 56.084 | 61.741 | 29.780 | 25.490 |
| 10/15/2025 3:30 | 1.204 | 1.528 | 1.767 | 3.340 | 1.290 | 3.837 | 56.58 | 56.230 | 54.968 | 57.614 | 56.030 | 61.741 | 29.920 | 25.550 |
| 10/15/2025 3:45 | 1.191 | 1.527 | 1.770 | 3.335 | 1.269 | 3.847 | 56.58 | 56.230 | 54.824 | 57.614 | 55.976 | 61.741 | 29.580 | 24.330 |
| 10/15/2025 4:00 | 1.180 | 1.513 | 1.757 | 3.328 | 1.253 | 3.839 | 56.58 | 56.230 | 54.662 | 57.614 | 55.922 | 61.741 | 29.240 | 24.390 |
| 10/15/2025 4:15 | 1.174 | 1.515 | 1.741 | 3.322 | 1.244 | 3.843 | 56.40 | 56.230 | 54.500 | 57.441 | 55.868 | 61.569 | 28.830 | 24.350 |
| 10/15/2025 4:30 | 1.170 | 1.511 | 1.734 | 3.310 | 1.232 | 3.846 | 56.40 | 56.230 | 54.356 | 57.441 | 55.850 | 61.569 | 28.570 | 25.440 |
| 10/15/2025 4:45 | 1.206 | 1.496 | 1.718 | 3.303 | 1.236 | 3.842 | 56.40 | 56.057 | 54.212 | 57.441 | 55.832 | 61.569 | 28.510 | 25.260 |
| 10/15/2025 5:00 | 1.291 | 1.487 | 1.715 | 3.298 | 1.294 | 3.845 | 56.40 | 56.057 | 54.086 | 57.441 | 55.832 | 61.398 | 28.710 | 26.160 |
| 10/15/2025 5:15 | 1.403 | 1.501 | 1.707 | 3.299 | 1.420 | 3.848 | 56.40 | 56.057 | 53.942 | 57.268 | 55.778 | 61.398 | 29.040 | 25.450 |
| 10/15/2025 5:30 | 1.601 | 1.601 | 1.698 | 3.291 | 1.574 | 3.846 | 56.23 | 56.057 | 53.816 | 57.268 | 55.472 | 61.398 | 29.340 | 25.530 |
| 10/15/2025 5:45 | 1.845 | 1.803 | 1.789 | 3.291 | 1.777 | 3.843 | 56.23 | 56.057 | 53.798 | 57.268 | 55.076 | 61.398 | 29.230 | 25.540 |
| 10/15/2025 6:00 | 2.084 | 2.089 | 1.987 | 3.288 | 2.054 | 3.842 | 56.40 | 56.057 | 54.140 | 57.096 | 55.004 | 61.227 | 29.300 | 25.360 |
| 10/15/2025 6:15 | 2.378 | 2.381 | 2.281 | 3.286 | 2.334 | 3.844 | 55.54 | 55.884 | 53.906 | 57.096 | 55.004 | 61.227 | 30.550 | 25.250 |
| 10/15/2025 6:30 | 2.707 | 2.657 | 2.559 | 3.289 | 2.616 | 3.837 | 55.71 | 55.884 | 53.672 | 57.096 | 55.022 | 61.227 | 31.080 | 25.440 |
| 10/15/2025 6:45 | 2.989 | 2.958 | 2.852 | 3.283 | 2.930 | 3.845 | 55.71 | 55.711 | 53.744 | 56.923 | 55.040 | 61.227 | 31.520 | 25.320 |
| 10/15/2025 7:00 | 3.097 | 3.150 | 3.068 | 3.299 | 3.065 | 3.835 | 55.71 | 55.537 | 54.014 | 56.923 | 55.058 | 61.227 | 31.940 | 25.310 |
| 10/15/2025 7:15 | 3.264 | 3.297 | 3.298 | 3.404 | 3.204 | 3.844 | 55.71 | 55.364 | 54.212 | 56.750 | 55.058 | 61.227 | 32.220 | 21.650 |
| 10/15/2025 7:30 | 3.245 | 3.321 | 3.496 | 3.523 | 3.190 | 3.841 | 55.54 | 55.189 | 54.320 | 56.750 | 55.076 | 61.227 | 32.270 | 25.350 |
| 10/15/2025 7:45 | 3.207 | 3.326 | 3.508 | 3.538 | 3.192 | 3.846 | 55.54 | 55.189 | 54.392 | 56.577 | 55.076 | 61.054 | 32.320 | 25.360 |
| 10/15/2025 8:00 | 3.076 | 3.199 | 3.483 | 3.460 | 3.160 | 3.847 | 55.54 | 55.364 | 54.428 | 56.577 | 55.040 | 61.054 | 32.360 | 25.330 |
| 10/15/2025 8:15 | 2.931 | 3.066 | 3.390 | 3.391 | 2.958 | 3.835 | 55.54 | 55.537 | 54.464 | 56.404 | 54.950 | 61.054 | 32.420 | 25.370 |
| 10/15/2025 8:30 | 2.789 | 2.889 | 3.237 | 3.328 | 2.789 | 3.843 | 55.54 | 55.537 | 54.518 | 56.404 | 54.896 | 61.054 | 32.390 | 25.370 |
| 10/15/2025 8:45 | 2.633 | 2.745 | 3.121 | 3.306 | 2.622 | 3.817 | 55.71 | 55.537 | 54.554 | 56.404 | 54.860 | 61.227 | 32.320 | 25.430 |
| 10/15/2025 9:00 | 2.472 | 2.592 | 2.918 | 3.292 | 2.486 | 3.826 | 55.71 | 55.537 | 54.590 | 56.404 | 54.842 | 61.227 | 32.340 | 25.220 |
| 10/15/2025 9:15 | 2.327 | 2.440 | 2.776 | 3.270 | 2.344 | 3.831 | 55.71 | 55.537 | 54.644 | 56.404 | 54.860 | 61.398 | 32.330 | 25.240 |
| 10/15/2025 9:30 | 2.196 | 2.308 | 2.632 | 3.264 | 2.218 | 3.824 | 55.88 | 55.537 | 54.698 | 56.404 | 54.896 | 61.398 | 32.300 | 25.310 |
| 10/15/2025 9:45 | 2.065 | 2.181 | 2.499 | 3.252 | 2.105 | 3.824 | 55.88 | 55.537 | 54.734 | 56.404 | 54.968 | 61.569 | 32.210 | 25.560 |
| 10/15/2025 10:00 | 1.973 | 2.083 | 2.390 | 3.262 | 1.999 | 3.815 | 56.06 | 55.537 | 54.770 | 56.404 | 55.040 | 61.569 | 32.180 | 25.590 |
| 10/15/2025 10:15 | 1.879 | 1.989 | 2.293 | 3.255 | 1.914 | 3.823 | 56.06 | 55.537 | 54.788 | 56.404 | 55.148 | 61.741 | 32.090 | 25.600 |
| 10/15/2025 10:30 | 1.792 | 1.904 | 2.208 | 3.247 | 1.822 | 3.828 | 56.06 | 55.537 | 54.788 | 56.404 | 55.274 | 61.741 | 32.110 | 25.600 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/15/2025 10:45 | 1.714 | 1.825 | 2.111 | 3.249 | 1.740 | 3.820 | 56.23 | 55.537 | 54.770 | 56.577 | 55.382 | 61.741 | 32.020 | 25.620 |
| 10/15/2025 11:00 | 1.651 | 1.764 | 2.042 | 3.252 | 1.684 | 3.818 | 56.23 | 55.711 | 54.752 | 56.577 | 55.490 | 61.912 | 32.070 | 25.640 |
| 10/15/2025 11:15 | 1.602 | 1.705 | 1.971 | 3.259 | 1.610 | 3.829 | 56.40 | 55.711 | 54.698 | 56.750 | 55.598 | 61.912 | 32.000 | 25.680 |
| 10/15/2025 11:30 | 1.532 | 1.655 | 1.907 | 3.252 | 1.565 | 3.825 | 56.58 | 55.711 | 54.662 | 56.923 | 55.724 | 62.083 | 31.970 | 25.710 |
| 10/15/2025 11:45 | 1.475 | 1.604 | 1.863 | 3.243 | 1.526 | 3.814 | 56.58 | 55.711 | 54.662 | 56.923 | 55.814 | 62.083 | 31.960 | 25.720 |
| 10/15/2025 12:00 | 1.435 | 1.559 | 1.832 | 3.238 | 1.478 | 3.813 | 56.75 | 55.711 | 54.716 | 57.096 | 55.940 | 62.083 | 31.910 | 25.730 |
| 10/15/2025 12:15 | 1.384 | 1.525 | 1.791 | 3.223 | 1.428 | 3.812 | 56.92 | 55.884 | 54.788 | 57.268 | 56.066 | 62.254 | 31.930 | 25.750 |
| 10/15/2025 12:30 | 1.351 | 1.505 | 1.746 | 3.231 | 1.384 | 3.805 | 57.10 | 55.884 | 54.896 | 57.441 | 56.210 | 62.254 | 31.880 | 25.720 |
| 10/15/2025 12:45 | 1.335 | 1.485 | 1.709 | 3.242 | 1.354 | 3.809 | 57.27 | 55.884 | 55.022 | 57.614 | 56.390 | 62.425 | 31.860 | 25.720 |
| 10/15/2025 13:00 | 1.296 | 1.466 | 1.679 | 3.239 | 1.326 | 3.819 | 57.44 | 56.057 | 55.202 | 57.785 | 56.552 | 62.425 | 31.800 | 25.680 |
| 10/15/2025 13:15 | 1.270 | 1.449 | 1.662 | 3.237 | 1.296 | 3.812 | 57.44 | 56.057 | 55.436 | 57.958 | 56.696 | 62.425 | 31.760 | 25.410 |
| 10/15/2025 13:30 | 1.247 | 1.437 | 1.647 | 3.233 | 1.283 | 3.818 | 57.61 | 56.057 | 55.742 | 57.958 | 56.840 | 62.598 | 31.770 | 23.740 |
| 10/15/2025 13:45 | 1.231 | 1.434 | 1.642 | 3.230 | 1.262 | 3.810 | 57.61 | 56.230 | 55.904 | 58.131 | 56.948 | 62.598 | 31.730 | 23.140 |
| 10/15/2025 14:00 | 1.221 | 1.427 | 1.621 | 3.240 | 1.237 | 3.814 | 57.79 | 56.230 | 55.994 | 58.303 | 57.038 | 62.598 | 31.710 | 22.540 |
| 10/15/2025 14:15 | 1.194 | 1.424 | 1.624 | 3.242 | 1.219 | 3.816 | 57.79 | 56.230 | 56.030 | 58.476 | 57.146 | 62.769 | 31.720 | 21.860 |
| 10/15/2025 14:30 | 1.184 | 1.419 | 1.624 | 3.232 | 1.206 | 3.813 | 57.61 | 56.404 | 56.030 | 58.476 | 57.236 | 62.769 | 31.680 | 21.490 |
| 10/15/2025 14:45 | 1.157 | 1.404 | 1.613 | 3.233 | 1.191 | 3.822 | 57.61 | 56.404 | 55.976 | 58.476 | 57.308 | 62.769 | 31.670 | 21.010 |
| 10/15/2025 15:00 | 1.152 | 1.415 | 1.597 | 3.237 | 1.180 | 3.811 | 57.61 | 56.404 | 55.904 | 58.647 | 57.380 | 62.769 | 31.630 | 20.650 |
| 10/15/2025 15:15 | 1.131 | 1.405 | 1.603 | 3.231 | 1.165 | 3.822 | 57.61 | 56.404 | 55.832 | 58.647 | 57.488 | 62.769 | 31.610 | 19.340 |
| 10/15/2025 15:30 | 1.128 | 1.418 | 1.602 | 3.236 | 1.156 | 3.808 | 57.61 | 56.577 | 55.724 | 58.647 | 57.578 | 62.769 | 31.540 | 20.110 |
| 10/15/2025 15:45 | 1.115 | 1.405 | 1.592 | 3.231 | 1.148 | 3.820 | 57.61 | 56.577 | 55.616 | 58.647 | 57.650 | 62.598 | 31.550 | 19.910 |
| 10/15/2025 16:00 | 1.099 | 1.413 | 1.597 | 3.231 | 1.140 | 3.803 | 57.44 | 56.577 | 55.526 | 58.647 | 57.722 | 62.598 | 31.510 | 19.770 |
| 10/15/2025 16:15 | 1.090 | 1.408 | 1.595 | 3.237 | 1.146 | 3.814 | 57.44 | 56.577 | 55.418 | 58.476 | 57.776 | 62.598 | 31.430 | 17.770 |
| 10/15/2025 16:30 | 1.079 | 1.400 | 1.594 | 3.221 | 1.133 | 3.813 | 57.61 | 56.577 | 55.292 | 58.476 | 57.848 | 62.598 | 31.380 | 17.140 |
| 10/15/2025 16:45 | 1.139 | 1.394 | 1.615 | 3.218 | 1.149 | 3.802 | 57.61 | 56.750 | 55.148 | 58.476 | 57.884 | 62.598 | 31.330 | 17.240 |
| 10/15/2025 17:00 | 1.224 | 1.399 | 1.599 | 3.220 | 1.200 | 3.802 | 57.61 | 56.750 | 54.950 | 58.476 | 57.884 | 62.598 | 31.340 | 19.210 |
| 10/15/2025 17:15 | 1.366 | 1.407 | 1.603 | 3.223 | 1.316 | 3.797 | 57.61 | 56.750 | 54.752 | 58.303 | 57.794 | 62.598 | 31.260 | 17.020 |
| 10/15/2025 17:30 | 1.610 | 1.502 | 1.613 | 3.231 | 1.521 | 3.803 | 57.61 | 56.750 | 54.572 | 58.303 | 57.434 | 62.425 | 31.190 | 17.130 |
| 10/15/2025 17:45 | 1.926 | 1.736 | 1.677 | 3.226 | 1.789 | 3.820 | 57.61 | 56.750 | 54.608 | 58.131 | 57.146 | 62.254 | 29.820 | 19.390 |
| 10/15/2025 18:00 | 2.281 | 2.132 | 1.915 | 3.242 | 2.150 | 3.809 | 57.27 | 56.750 | 54.770 | 57.958 | 56.534 | 62.083 | 30.340 | 21.490 |
| 10/15/2025 18:15 | 2.621 | 2.534 | 2.317 | 3.230 | 2.544 | 3.824 | 56.58 | 56.750 | 54.518 | 57.958 | 55.580 | 61.912 | 32.090 | 20.640 |
| 10/15/2025 18:30 | 3.057 | 2.939 | 2.744 | 3.246 | 2.936 | 3.816 | 56.40 | 56.577 | 54.518 | 57.785 | 55.472 | 61.912 | 32.370 | 20.450 |
| 10/15/2025 18:45 | 3.309 | 3.291 | 3.137 | 3.277 | 3.265 | 3.821 | 56.23 | 56.057 | 54.878 | 57.614 | 55.436 | 61.741 | 32.590 | 20.650 |
| 10/15/2025 19:00 | 3.665 | 3.567 | 3.483 | 3.541 | 3.519 | 3.813 | 55.88 | 55.711 | 55.058 | 57.441 | 55.310 | 61.569 | 32.840 | 20.980 |
| 10/15/2025 19:15 | 3.818 | 3.782 | 3.752 | 3.780 | 3.731 | 3.821 | 55.71 | 55.711 | 55.220 | 57.096 | 55.112 | 61.569 | 32.930 | 21.490 |
| 10/15/2025 19:30 | 3.946 | 3.919 | 3.960 | 3.921 | 3.844 | 3.839 | 55.54 | 55.537 | 55.346 | 57.096 | 54.950 | 61.398 | 33.060 | 21.960 |
| 10/15/2025 19:45 | 3.964 | 3.997 | 4.101 | 4.008 | 3.907 | 3.830 | 55.54 | 55.537 | 55.364 | 56.923 | 54.968 | 61.398 | 33.060 | 22.870 |
| 10/15/2025 20:00 | 3.914 | 3.968 | 4.162 | 4.072 | 3.853 | 3.824 | 55.54 | 55.537 | 55.274 | 56.923 | 55.004 | 61.227 | 33.030 | 24.370 |
| 10/15/2025 20:15 | 3.727 | 3.852 | 4.150 | 4.062 | 3.728 | 3.829 | 55.36 | 55.364 | 55.202 | 56.750 | 54.968 | 61.227 | 32.980 | 25.610 |
| 10/15/2025 20:30 | 3.531 | 3.697 | 4.046 | 3.995 | 3.581 | 3.829 | 55.36 | 55.537 | 55.166 | 56.750 | 54.842 | 61.227 | 33.030 | 26.400 |
| 10/15/2025 20:45 | 3.346 | 3.508 | 3.899 | 3.890 | 3.374 | 3.819 | 55.36 | 55.537 | 55.166 | 56.750 | 54.680 | 61.227 | 33.010 | 26.970 |
| 10/15/2025 21:00 | 3.115 | 3.293 | 3.711 | 3.745 | 3.177 | 3.815 | 55.19 | 55.711 | 55.130 | 56.750 | 54.536 | 61.227 | 32.950 | 27.550 |
| 10/15/2025 21:15 | 2.917 | 3.079 | 3.511 | 3.590 | 2.950 | 3.814 | 55.02 | 55.711 | 55.058 | 56.750 | 54.446 | 61.227 | 32.910 | 28.070 |
| 10/15/2025 21:30 | 2.713 | 2.869 | 3.279 | 3.471 | 2.766 | 3.827 | 55.02 | 55.711 | 54.932 | 56.750 | 54.410 | 61.227 | 32.880 | 28.440 |
| 10/15/2025 21:45 | 2.546 | 2.677 | 3.081 | 3.416 | 2.578 | 3.820 | 54.84 | 55.711 | 54.752 | 56.577 | 54.410 | 61.227 | 32.820 | 28.760 |
| 10/15/2025 22:00 | 2.393 | 2.524 | 2.892 | 3.394 | 2.430 | 3.808 | 54.84 | 55.711 | 54.554 | 56.577 | 54.374 | 61.054 | 32.770 | 29.040 |
| 10/15/2025 22:15 | 2.247 | 2.367 | 2.733 | 3.363 | 2.291 | 3.820 | 54.84 | 55.711 | 54.302 | 56.577 | 54.356 | 61.054 | 32.670 | 29.280 |
| 10/15/2025 22:30 | 2.130 | 2.265 | 2.590 | 3.364 | 2.179 | 3.809 | 54.84 | 55.711 | 54.032 | 56.404 | 54.338 | 61.054 | 32.530 | 29.410 |
| 10/15/2025 22:45 | 2.030 | 2.145 | 2.480 | 3.351 | 2.069 | 3.819 | 54.84 | 55.537 | 53.798 | 56.404 | 54.338 | 61.054 | 32.360 | 29.480 |
| 10/15/2025 23:00 | 1.936 | 2.053 | 2.383 | 3.346 | 1.973 | 3.821 | 55.02 | 55.537 | 53.636 | 56.230 | 54.356 | 61.054 | 32.260 | 29.500 |
| 10/15/2025 23:15 | 1.842 | 1.969 | 2.275 | 3.338 | 1.882 | 3.811 | 55.02 | 55.537 | 53.474 | 56.230 | 54.392 | 61.054 | 32.220 | 29.450 |
| 10/15/2025 23:30 | 1.774 | 1.904 | 2.181 | 3.338 | 1.802 | 3.818 | 55.02 | 55.537 | 53.312 | 56.230 | 54.410 | 61.054 | 32.160 | 29.350 |
| 10/15/2025 23:45 | 1.709 | 1.832 | 2.113 | 3.335 | 1.733 | 3.822 | 55.02 | 55.364 | 53.132 | 56.057 | 54.446 | 60.883 | 32.080 | 29.250 |
| 10/16/2025 0:00 | 1.643 | 1.772 | 2.033 | 3.324 | 1.663 | 3.816 | 55.19 | 55.364 | 52.952 | 56.057 | 54.464 | 60.883 | 32.040 | 29.170 |
| 10/16/2025 0:15 | 1.570 | 1.709 | 1.981 | 3.311 | 1.609 | 3.817 | 55.19 | 55.364 | 52.538 | 56.057 | 54.482 | 60.883 | 31.970 | 28.900 |
| 10/16/2025 0:30 | 1.536 | 1.680 | 1.916 | 3.311 | 1.557 | 3.815 | 55.19 | 55.364 | 52.196 | 55.884 | 54.500 | 60.883 | 31.930 | 25.670 |
| 10/16/2025 0:45 | 1.481 | 1.630 | 1.879 | 3.300 | 1.513 | 3.821 | 55.19 | 55.364 | 51.926 | 55.884 | 54.518 | 60.883 | 31.910 | 22.580 |
| 10/16/2025 1:00 | 1.440 | 1.597 | 1.832 | 3.294 | 1.473 | 3.821 | 55.36 | 55.364 | 51.710 | 55.884 | 54.554 | 60.883 | 31.870 | 21.070 |
| 10/16/2025 1:15 | 1.403 | 1.564 | 1.797 | 3.291 | 1.464 | 3.819 | 55.36 | 55.189 | 51.512 | 55.711 | 54.554 | 60.883 | 31.870 | 20.390 |
| 10/16/2025 1:30 | 1.380 | 1.546 | 1.786 | 3.292 | 1.425 | 3.817 | 55.36 | 55.189 | 51.350 | 55.711 | 54.572 | 60.712 | 31.810 | 20.080 |
| 10/16/2025 1:45 | 1.343 | 1.529 | 1.756 | 3.282 | 1.399 | 3.825 | 55.36 | 55.189 | 51.296 | 55.711 | 54.572 | 60.712 | 31.770 | 19.920 |
| 10/16/2025 2:00 | 1.318 | 1.505 | 1.735 | 3.285 | 1.376 | 3.816 | 55.36 | 55.017 | 51.314 | 55.537 | 54.590 | 60.712 | 31.710 | 19.910 |
| 10/16/2025 2:15 | 1.304 | 1.503 | 1.725 | 3.291 | 1.349 | 3.820 | 55.36 | 55.017 | 51.296 | 55.537 | 54.608 | 60.712 | 31.670 | 19.890 |
| 10/16/2025 2:30 | 1.276 | 1.487 | 1.706 | 3.286 | 1.327 | 3.821 | 55.36 | 55.017 | 51.242 | 55.537 | 54.608 | 60.539 | 31.620 | 19.880 |
| 10/16/2025 2:45 | 1.256 | 1.475 | 1.698 | 3.281 | 1.309 | 3.813 | 55.36 | 54.842 | 50.918 | 55.364 | 54.608 | 60.539 | 31.520 | 19.660 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/16/2025 3:00 | 1.240 | 1.464 | 1.688 | 3.273 | 1.287 | 3.813 | 55.36 | 54.842 | 50.810 | 55.364 | 54.608 | 60.539 | 31.470 | 19.520 |
| 10/16/2025 3:15 | 1.225 | 1.462 | 1.677 | 3.278 | 1.259 | 3.813 | 55.19 | 54.842 | 50.846 | 55.189 | 54.608 | 60.539 | 31.440 | 16.850 |
| 10/16/2025 3:30 | 1.200 | 1.449 | 1.666 | 3.272 | 1.249 | 3.811 | 55.19 | 54.842 | 50.846 | 55.189 | 54.608 | 60.539 | 31.370 | 16.810 |
| 10/16/2025 3:45 | 1.196 | 1.461 | 1.661 | 3.281 | 1.240 | 3.809 | 55.02 | 54.842 | 50.828 | 55.189 | 54.608 | 60.368 | 31.340 | 16.750 |
| 10/16/2025 4:00 | 1.175 | 1.459 | 1.661 | 3.282 | 1.224 | 3.817 | 55.02 | 54.669 | 50.792 | 55.017 | 54.608 | 60.368 | 31.270 | 16.830 |
| 10/16/2025 4:15 | 1.175 | 1.452 | 1.647 | 3.283 | 1.236 | 3.815 | 54.84 | 54.669 | 50.720 | 55.017 | 54.608 | 60.368 | 31.250 | 19.280 |
| 10/16/2025 4:30 | 1.162 | 1.455 | 1.660 | 3.282 | 1.220 | 3.819 | 54.84 | 54.669 | 50.648 | 54.842 | 54.608 | 60.195 | 31.180 | 17.240 |
| 10/16/2025 4:45 | 1.150 | 1.448 | 1.663 | 3.278 | 1.219 | 3.823 | 54.84 | 54.669 | 50.576 | 54.842 | 54.590 | 60.195 | 31.150 | 19.320 |
| 10/16/2025 5:00 | 1.144 | 1.445 | 1.665 | 3.274 | 1.201 | 3.816 | 54.84 | 54.669 | 50.504 | 54.669 | 54.572 | 60.195 | 31.080 | 19.610 |
| 10/16/2025 5:15 | 1.146 | 1.448 | 1.655 | 3.277 | 1.187 | 3.820 | 54.84 | 54.495 | 50.432 | 54.669 | 54.554 | 60.195 | 31.000 | 17.530 |
| 10/16/2025 5:30 | 1.123 | 1.445 | 1.647 | 3.278 | 1.188 | 3.823 | 54.67 | 54.495 | 50.360 | 54.669 | 54.536 | 60.024 | 30.940 | 17.440 |
| 10/16/2025 5:45 | 1.161 | 1.455 | 1.649 | 3.287 | 1.190 | 3.820 | 54.67 | 54.495 | 50.270 | 54.495 | 54.536 | 60.024 | 30.910 | 17.340 |
| 10/16/2025 6:00 | 1.236 | 1.455 | 1.645 | 3.283 | 1.232 | 3.838 | 54.50 | 54.495 | 50.216 | 54.495 | 54.536 | 60.024 | 30.880 | 17.200 |
| 10/16/2025 6:15 | 1.360 | 1.449 | 1.650 | 3.284 | 1.324 | 3.834 | 54.50 | 54.495 | 50.144 | 54.322 | 54.536 | 60.024 | 30.870 | 17.370 |
| 10/16/2025 6:30 | 1.552 | 1.505 | 1.645 | 3.272 | 1.472 | 3.828 | 54.50 | 54.322 | 50.072 | 54.322 | 54.194 | 59.851 | 30.840 | 17.360 |
| 10/16/2025 6:45 | 1.751 | 1.684 | 1.675 | 3.281 | 1.674 | 3.823 | 54.50 | 54.322 | 50.252 | 54.147 | 53.510 | 59.851 | 30.680 | 17.370 |
| 10/16/2025 7:00 | 2.053 | 1.961 | 1.832 | 3.279 | 1.940 | 3.822 | 54.50 | 54.322 | 50.774 | 54.147 | 52.862 | 59.851 | 30.450 | 19.680 |
| 10/16/2025 7:15 | 2.317 | 2.281 | 2.126 | 3.276 | 2.231 | 3.838 | 53.80 | 54.147 | 51.062 | 53.973 | 52.520 | 59.851 | 31.080 | 20.090 |
| 10/16/2025 7:30 | 2.610 | 2.608 | 2.449 | 3.277 | 2.542 | 3.833 | 53.80 | 54.147 | 50.450 | 53.973 | 52.646 | 59.851 | 32.030 | 17.010 |
| 10/16/2025 7:45 | 2.867 | 2.902 | 2.769 | 3.272 | 2.847 | 3.833 | 53.97 | 53.623 | 50.648 | 53.798 | 52.862 | 59.851 | 32.020 | 16.190 |
| 10/16/2025 8:00 | 3.088 | 3.143 | 3.081 | 3.280 | 3.088 | 3.830 | 53.97 | 53.449 | 50.990 | 53.798 | 53.006 | 59.851 | 32.180 | 18.730 |
| 10/16/2025 8:15 | 3.287 | 3.343 | 3.324 | 3.385 | 3.237 | 3.830 | 53.97 | 52.925 | 51.224 | 53.623 | 53.114 | 59.851 | 32.330 | 20.530 |
| 10/16/2025 8:30 | 3.283 | 3.408 | 3.491 | 3.539 | 3.319 | 3.815 | 53.97 | 53.100 | 51.332 | 53.449 | 53.186 | 59.680 | 32.400 | 20.560 |
| 10/16/2025 8:45 | 3.243 | 3.366 | 3.584 | 3.577 | 3.269 | 3.822 | 53.97 | 53.100 | 51.368 | 53.274 | 53.204 | 59.680 | 32.430 | 20.650 |
| 10/16/2025 9:00 | 3.100 | 3.246 | 3.552 | 3.498 | 3.135 | 3.820 | 53.97 | 53.274 | 51.422 | 53.274 | 53.204 | 59.851 | 32.380 | 20.930 |
| 10/16/2025 9:15 | 2.943 | 3.090 | 3.428 | 3.418 | 2.986 | 3.826 | 53.97 | 53.449 | 51.494 | 53.274 | 53.114 | 59.851 | 32.450 | 21.290 |
| 10/16/2025 9:30 | 2.796 | 2.933 | 3.288 | 3.360 | 2.812 | 3.816 | 53.80 | 53.623 | 51.584 | 53.274 | 53.024 | 59.851 | 32.440 | 21.230 |
| 10/16/2025 9:45 | 2.632 | 2.760 | 3.103 | 3.335 | 2.631 | 3.820 | 53.62 | 53.623 | 51.656 | 53.274 | 52.898 | 59.851 | 32.430 | 21.290 |
| 10/16/2025 10:00 | 2.469 | 2.601 | 2.927 | 3.310 | 2.486 | 3.826 | 53.62 | 53.623 | 51.728 | 53.274 | 52.826 | 59.851 | 32.330 | 22.470 |
| 10/16/2025 10:15 | 2.327 | 2.455 | 2.771 | 3.295 | 2.333 | 3.821 | 53.80 | 53.623 | 51.818 | 53.274 | 52.808 | 59.851 | 32.340 | 22.920 |
| 10/16/2025 10:30 | 2.182 | 2.321 | 2.624 | 3.290 | 2.210 | 3.833 | 53.97 | 53.623 | 51.908 | 53.100 | 52.808 | 60.024 | 32.240 | 23.440 |
| 10/16/2025 10:45 | 2.065 | 2.211 | 2.498 | 3.286 | 2.086 | 3.825 | 54.15 | 53.798 | 51.980 | 53.100 | 52.844 | 60.024 | 32.200 | 23.830 |
| 10/16/2025 11:00 | 1.960 | 2.101 | 2.378 | 3.273 | 1.985 | 3.822 | 54.15 | 53.798 | 52.034 | 53.100 | 52.862 | 60.024 | 32.180 | 24.040 |
| 10/16/2025 11:15 | 1.874 | 2.002 | 2.272 | 3.266 | 1.891 | 3.821 | 54.32 | 53.798 | 52.034 | 53.274 | 52.952 | 60.195 | 32.130 | 24.220 |
| 10/16/2025 11:30 | 1.780 | 1.918 | 2.178 | 3.263 | 1.808 | 3.818 | 54.50 | 53.798 | 52.034 | 53.274 | 53.078 | 60.368 | 32.110 | 24.270 |
| 10/16/2025 11:45 | 1.706 | 1.845 | 2.110 | 3.263 | 1.730 | 3.818 | 54.50 | 53.798 | 52.016 | 53.274 | 53.204 | 60.368 | 32.070 | 24.330 |
| 10/16/2025 12:00 | 1.653 | 1.782 | 2.030 | 3.254 | 1.685 | 3.815 | 54.67 | 53.798 | 51.998 | 53.449 | 53.366 | 60.539 | 32.020 | 24.340 |
| 10/16/2025 12:15 | 1.593 | 1.716 | 1.985 | 3.258 | 1.608 | 3.817 | 54.67 | 53.798 | 51.782 | 53.623 | 53.528 | 60.539 | 31.980 | 24.450 |
| 10/16/2025 12:30 | 1.526 | 1.670 | 1.911 | 3.254 | 1.559 | 3.817 | 54.84 | 53.973 | 51.638 | 53.623 | 53.690 | 60.712 | 31.950 | 24.480 |
| 10/16/2025 12:45 | 1.489 | 1.626 | 1.852 | 3.253 | 1.509 | 3.810 | 54.84 | 53.973 | 51.620 | 53.798 | 53.816 | 60.712 | 31.960 | 24.480 |
| 10/16/2025 13:00 | 1.449 | 1.596 | 1.806 | 3.261 | 1.465 | 3.815 | 55.02 | 53.973 | 51.602 | 53.973 | 53.960 | 60.712 | 31.960 | 24.460 |
| 10/16/2025 13:15 | 1.402 | 1.556 | 1.770 | 3.246 | 1.432 | 3.823 | 55.19 | 53.973 | 51.638 | 54.147 | 54.086 | 60.712 | 31.950 | 24.350 |
| 10/16/2025 13:30 | 1.368 | 1.516 | 1.738 | 3.247 | 1.387 | 3.808 | 55.19 | 53.973 | 51.710 | 54.147 | 54.212 | 60.883 | 31.880 | 24.260 |
| 10/16/2025 13:45 | 1.331 | 1.502 | 1.701 | 3.241 | 1.357 | 3.817 | 55.36 | 54.147 | 51.836 | 54.322 | 54.392 | 60.883 | 31.820 | 24.220 |
| 10/16/2025 14:00 | 1.314 | 1.478 | 1.685 | 3.245 | 1.327 | 3.814 | 55.54 | 54.147 | 51.836 | 54.495 | 54.590 | 60.883 | 31.830 | 24.150 |
| 10/16/2025 14:15 | 1.301 | 1.473 | 1.662 | 3.260 | 1.293 | 3.813 | 55.71 | 54.147 | 51.764 | 54.669 | 54.734 | 60.883 | 31.800 | 23.750 |
| 10/16/2025 14:30 | 1.261 | 1.449 | 1.638 | 3.256 | 1.265 | 3.828 | 55.71 | 54.147 | 51.782 | 54.842 | 54.860 | 61.054 | 31.720 | 23.410 |
| 10/16/2025 14:45 | 1.243 | 1.450 | 1.621 | 3.246 | 1.248 | 3.819 | 55.71 | 54.147 | 51.818 | 54.842 | 55.004 | 61.054 | 31.770 | 23.050 |
| 10/16/2025 15:00 | 1.233 | 1.436 | 1.621 | 3.240 | 1.232 | 3.821 | 55.88 | 54.322 | 51.836 | 55.017 | 55.112 | 61.054 | 31.690 | 22.670 |
| 10/16/2025 15:15 | 1.207 | 1.426 | 1.610 | 3.239 | 1.225 | 3.810 | 55.88 | 54.322 | 51.854 | 55.189 | 55.238 | 61.054 | 31.630 | 20.030 |
| 10/16/2025 15:30 | 1.182 | 1.425 | 1.612 | 3.237 | 1.206 | 3.807 | 55.88 | 54.322 | 51.872 | 55.189 | 55.400 | 61.054 | 31.590 | 19.630 |
| 10/16/2025 15:45 | 1.188 | 1.426 | 1.600 | 3.251 | 1.200 | 3.813 | 56.06 | 54.495 | 51.872 | 55.364 | 55.544 | 61.054 | 31.510 | 19.280 |
| 10/16/2025 16:00 | 1.159 | 1.425 | 1.612 | 3.242 | 1.178 | 3.819 | 55.88 | 54.495 | 51.872 | 55.364 | 55.634 | 61.227 | 31.500 | 18.910 |
| 10/16/2025 16:15 | 1.151 | 1.421 | 1.598 | 3.243 | 1.178 | 3.825 | 55.88 | 54.495 | 51.890 | 55.537 | 55.670 | 61.227 | 31.460 | 18.330 |
| 10/16/2025 16:30 | 1.134 | 1.417 | 1.604 | 3.246 | 1.176 | 3.817 | 55.71 | 54.669 | 51.890 | 55.537 | 55.670 | 61.227 | 31.350 | 18.220 |
| 10/16/2025 16:45 | 1.128 | 1.419 | 1.604 | 3.248 | 1.172 | 3.823 | 55.71 | 54.669 | 51.890 | 55.537 | 55.670 | 61.227 | 31.240 | 18.130 |
| 10/16/2025 17:00 | 1.109 | 1.404 | 1.609 | 3.237 | 1.160 | 3.825 | 55.71 | 54.669 | 51.890 | 55.537 | 55.670 | 61.227 | 31.180 | 17.340 |
| 10/16/2025 17:15 | 1.108 | 1.411 | 1.605 | 3.248 | 1.146 | 3.815 | 55.71 | 54.669 | 51.854 | 55.537 | 55.652 | 61.227 | 31.140 | 19.950 |
| 10/16/2025 17:30 | 1.106 | 1.413 | 1.608 | 3.258 | 1.134 | 3.828 | 55.71 | 54.669 | 51.800 | 55.537 | 55.634 | 61.054 | 30.990 | 19.700 |
| 10/16/2025 17:45 | 1.112 | 1.422 | 1.596 | 3.255 | 1.140 | 3.826 | 55.71 | 54.669 | 51.746 | 55.364 | 55.580 | 61.054 | 30.920 | 16.410 |
| 10/16/2025 18:00 | 1.191 | 1.420 | 1.599 | 3.252 | 1.164 | 3.834 | 55.54 | 54.669 | 51.656 | 55.364 | 55.526 | 60.883 | 30.780 | 16.490 |
| 10/16/2025 18:15 | 1.327 | 1.417 | 1.595 | 3.249 | 1.242 | 3.835 | 55.54 | 54.669 | 51.548 | 55.364 | 55.418 | 60.883 | 30.970 | 16.360 |
| 10/16/2025 18:30 | 1.552 | 1.459 | 1.593 | 3.245 | 1.438 | 3.835 | 55.54 | 54.669 | 51.440 | 55.189 | 54.950 | 60.712 | 30.670 | 16.020 |
| 10/16/2025 18:45 | 1.841 | 1.671 | 1.607 | 3.250 | 1.699 | 3.827 | 55.36 | 54.669 | 51.422 | 55.189 | 54.572 | 60.712 | 30.130 | 16.490 |
| 10/16/2025 19:00 | 2.190 | 2.039 | 1.788 | 3.250 | 2.054 | 3.831 | 54.50 | 54.669 | 51.800 | 55.017 | 53.924 | 60.539 | 30.270 | 21.830 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/16/2025 19:15 | 2.600 | 2.473 | 2.192 | 3.241 | 2.456 | 3.828 | 54.32 | 54.669 | 51.836 | 54.842 | 53.114 | 60.539 | 32.010 | 19.340 |
| 10/16/2025 19:30 | 2.999 | 2.888 | 2.644 | 3.247 | 2.868 | 3.821 | 54.15 | 54.669 | 51.818 | 54.842 | 53.078 | 60.539 | 32.480 | 19.100 |
| 10/16/2025 19:45 | 3.401 | 3.316 | 3.067 | 3.272 | 3.248 | 3.813 | 53.97 | 53.973 | 52.250 | 54.669 | 53.114 | 60.368 | 32.810 | 18.970 |
| 10/16/2025 20:00 | 3.674 | 3.611 | 3.467 | 3.539 | 3.542 | 3.828 | 53.97 | 53.623 | 52.484 | 54.495 | 53.150 | 60.368 | 33.060 | 19.700 |
| 10/16/2025 20:15 | 3.931 | 3.830 | 3.761 | 3.791 | 3.755 | 3.821 | 53.97 | 53.623 | 52.664 | 54.322 | 53.204 | 60.368 | 33.260 | 20.180 |
| 10/16/2025 20:30 | 4.006 | 3.991 | 3.983 | 3.950 | 3.919 | 3.821 | 53.80 | 53.623 | 52.790 | 54.322 | 53.222 | 60.368 | 33.200 | 21.110 |
| 10/16/2025 20:45 | 3.976 | 4.046 | 4.153 | 4.040 | 3.966 | 3.817 | 53.97 | 53.623 | 52.844 | 54.322 | 53.294 | 60.368 | 33.210 | 22.090 |
| 10/16/2025 21:00 | 3.926 | 4.009 | 4.212 | 4.095 | 3.907 | 3.820 | 53.97 | 53.623 | 52.898 | 54.147 | 53.330 | 60.195 | 33.160 | 23.100 |
| 10/16/2025 21:15 | 3.787 | 3.917 | 4.188 | 4.104 | 3.811 | 3.814 | 53.80 | 53.449 | 52.916 | 54.147 | 53.348 | 60.195 | 33.330 | 24.020 |
| 10/16/2025 21:30 | 3.598 | 3.783 | 4.098 | 4.045 | 3.643 | 3.822 | 53.80 | 53.623 | 52.934 | 54.147 | 53.276 | 60.195 | 33.260 | 25.010 |
| 10/16/2025 21:45 | 3.411 | 3.595 | 3.962 | 3.956 | 3.459 | 3.815 | 53.62 | 53.798 | 52.952 | 54.147 | 53.114 | 60.195 | 33.320 | 25.760 |
| 10/16/2025 22:00 | 3.189 | 3.380 | 3.784 | 3.824 | 3.245 | 3.811 | 53.45 | 53.798 | 52.988 | 54.147 | 52.898 | 60.195 | 33.060 | 26.400 |
| 10/16/2025 22:15 | 2.995 | 3.177 | 3.581 | 3.669 | 3.025 | 3.807 | 53.27 | 53.798 | 52.934 | 54.147 | 52.736 | 60.195 | 33.140 | 26.940 |
| 10/16/2025 22:30 | 2.779 | 2.951 | 3.362 | 3.516 | 2.823 | 3.822 | 53.10 | 53.798 | 52.808 | 54.322 | 52.646 | 60.195 | 33.070 | 27.310 |
| 10/16/2025 22:45 | 2.605 | 2.767 | 3.147 | 3.442 | 2.638 | 3.804 | 53.10 | 53.798 | 52.646 | 54.322 | 52.592 | 60.195 | 32.990 | 27.520 |
| 10/16/2025 23:00 | 2.450 | 2.595 | 2.958 | 3.406 | 2.476 | 3.819 | 53.10 | 53.798 | 52.484 | 54.147 | 52.520 | 60.195 | 32.890 | 27.870 |
| 10/16/2025 23:15 | 2.312 | 2.452 | 2.780 | 3.390 | 2.335 | 3.811 | 52.93 | 53.623 | 52.304 | 54.147 | 52.448 | 60.024 | 32.760 | 28.090 |
| 10/16/2025 23:30 | 2.179 | 2.319 | 2.633 | 3.372 | 2.195 | 3.830 | 52.93 | 53.623 | 52.142 | 54.147 | 52.358 | 60.024 | 32.630 | 28.290 |
| 10/16/2025 23:45 | 2.076 | 2.213 | 2.507 | 3.369 | 2.082 | 3.812 | 52.75 | 53.623 | 51.962 | 54.147 | 52.340 | 60.024 | 32.600 | 28.460 |
| 10/17/2025 0:00 | 1.972 | 2.107 | 2.382 | 3.359 | 1.988 | 3.820 | 52.75 | 53.449 | 51.782 | 54.147 | 52.322 | 60.024 | 32.510 | 28.630 |
| 10/17/2025 0:15 | 1.873 | 2.015 | 2.291 | 3.351 | 1.906 | 3.815 | 52.93 | 53.449 | 51.620 | 54.147 | 52.340 | 60.024 | 32.320 | 28.770 |
| 10/17/2025 0:30 | 1.810 | 1.950 | 2.204 | 3.346 | 1.820 | 3.815 | 52.93 | 53.449 | 51.494 | 53.973 | 52.358 | 60.024 | 32.420 | 28.830 |
| 10/17/2025 0:45 | 1.716 | 1.861 | 2.128 | 3.338 | 1.751 | 3.819 | 53.10 | 53.449 | 51.386 | 53.973 | 52.394 | 60.024 | 32.160 | 28.890 |
| 10/17/2025 1:00 | 1.676 | 1.815 | 2.053 | 3.342 | 1.678 | 3.817 | 53.10 | 53.449 | 51.278 | 53.973 | 52.430 | 59.851 | 32.330 | 28.930 |
| 10/17/2025 1:15 | 1.611 | 1.749 | 1.976 | 3.337 | 1.611 | 3.821 | 53.10 | 53.449 | 51.098 | 53.973 | 52.466 | 59.851 | 32.280 | 29.050 |
| 10/17/2025 1:30 | 1.557 | 1.706 | 1.929 | 3.317 | 1.563 | 3.813 | 53.27 | 53.274 | 50.702 | 53.798 | 52.484 | 59.851 | 32.260 | 29.010 |
| 10/17/2025 1:45 | 1.506 | 1.665 | 1.887 | 3.310 | 1.520 | 3.809 | 53.10 | 53.274 | 50.396 | 53.798 | 52.520 | 59.851 | 32.040 | 28.840 |
| 10/17/2025 2:00 | 1.465 | 1.628 | 1.839 | 3.296 | 1.489 | 3.813 | 53.27 | 53.100 | 50.126 | 53.798 | 52.538 | 59.851 | 32.140 | 28.670 |
| 10/17/2025 2:15 | 1.448 | 1.592 | 1.813 | 3.301 | 1.449 | 3.810 | 53.27 | 53.100 | 49.874 | 53.623 | 52.574 | 59.851 | 32.140 | 28.030 |
| 10/17/2025 2:30 | 1.390 | 1.562 | 1.768 | 3.291 | 1.406 | 3.813 | 53.27 | 53.100 | 49.658 | 53.623 | 52.592 | 59.851 | 32.020 | 25.690 |
| 10/17/2025 2:45 | 1.368 | 1.540 | 1.727 | 3.280 | 1.382 | 3.814 | 53.45 | 53.100 | 49.532 | 53.623 | 52.610 | 59.680 | 32.080 | 24.360 |
| 10/17/2025 3:00 | 1.341 | 1.518 | 1.720 | 3.281 | 1.354 | 3.814 | 53.45 | 53.100 | 49.550 | 53.623 | 52.628 | 59.680 | 32.020 | 24.160 |
| 10/17/2025 3:15 | 1.306 | 1.500 | 1.690 | 3.277 | 1.323 | 3.808 | 53.45 | 53.100 | 49.514 | 53.449 | 52.646 | 59.680 | 31.980 | 24.000 |
| 10/17/2025 3:30 | 1.285 | 1.486 | 1.668 | 3.279 | 1.287 | 3.808 | 53.45 | 52.925 | 49.478 | 53.449 | 52.664 | 59.508 | 31.700 | 23.940 |
| 10/17/2025 3:45 | 1.270 | 1.476 | 1.654 | 3.283 | 1.256 | 3.806 | 53.45 | 52.925 | 49.118 | 53.274 | 52.682 | 59.508 | 31.840 | 22.760 |
| 10/17/2025 4:00 | 1.252 | 1.473 | 1.634 | 3.280 | 1.229 | 3.807 | 53.45 | 52.925 | 49.100 | 53.274 | 52.682 | 59.508 | 31.680 | 22.550 |
| 10/17/2025 4:15 | 1.236 | 1.477 | 1.618 | 3.280 | 1.231 | 3.819 | 53.27 | 52.925 | 49.082 | 53.274 | 52.700 | 59.508 | 31.570 | 20.280 |
| 10/17/2025 4:30 | 1.218 | 1.460 | 1.626 | 3.278 | 1.231 | 3.815 | 53.27 | 52.925 | 49.064 | 53.100 | 52.718 | 59.508 | 31.220 | 19.830 |
| 10/17/2025 4:45 | 1.206 | 1.456 | 1.637 | 3.274 | 1.217 | 3.819 | 53.10 | 52.750 | 49.046 | 53.100 | 52.718 | 59.337 | 31.240 | 21.490 |
| 10/17/2025 5:00 | 1.196 | 1.454 | 1.637 | 3.276 | 1.228 | 3.812 | 52.93 | 52.750 | 49.010 | 53.100 | 52.736 | 59.337 | 31.190 | 21.420 |
| 10/17/2025 5:15 | 1.178 | 1.451 | 1.637 | 3.284 | 1.206 | 3.809 | 52.93 | 52.750 | 48.974 | 52.925 | 52.736 | 59.337 | 31.090 | 21.200 |
| 10/17/2025 5:30 | 1.172 | 1.454 | 1.632 | 3.275 | 1.196 | 3.811 | 52.75 | 52.750 | 48.938 | 52.925 | 52.754 | 59.337 | 31.050 | 19.800 |
| 10/17/2025 5:45 | 1.166 | 1.449 | 1.633 | 3.273 | 1.196 | 3.821 | 52.75 | 52.750 | 48.938 | 52.925 | 52.772 | 59.337 | 31.000 | 19.730 |
| 10/17/2025 6:00 | 1.152 | 1.453 | 1.622 | 3.274 | 1.183 | 3.819 | 52.93 | 52.750 | 48.938 | 52.750 | 52.790 | 59.337 | 31.000 | 19.860 |
| 10/17/2025 6:15 | 1.147 | 1.449 | 1.626 | 3.269 | 1.177 | 3.820 | 52.93 | 52.750 | 48.902 | 52.750 | 52.790 | 59.337 | 30.960 | 21.400 |
| 10/17/2025 6:30 | 1.172 | 1.449 | 1.626 | 3.277 | 1.173 | 3.814 | 52.93 | 52.750 | 48.902 | 52.750 | 52.790 | 59.164 | 30.990 | 19.590 |
| 10/17/2025 6:45 | 1.269 | 1.447 | 1.624 | 3.271 | 1.245 | 3.815 | 52.93 | 52.576 | 48.884 | 52.576 | 52.772 | 59.164 | 30.920 | 21.840 |
| 10/17/2025 7:00 | 1.429 | 1.461 | 1.622 | 3.277 | 1.356 | 3.820 | 53.10 | 52.576 | 48.884 | 52.576 | 52.718 | 59.164 | 30.700 | 23.700 |
| 10/17/2025 7:15 | 1.638 | 1.572 | 1.618 | 3.273 | 1.539 | 3.811 | 53.10 | 52.576 | 48.902 | 52.576 | 52.160 | 59.164 | 30.510 | 21.820 |
| 10/17/2025 7:30 | 1.913 | 1.801 | 1.697 | 3.271 | 1.793 | 3.826 | 52.93 | 52.401 | 49.298 | 52.401 | 51.584 | 59.164 | 30.390 | 21.860 |
| 10/17/2025 7:45 | 2.260 | 2.173 | 1.922 | 3.272 | 2.125 | 3.825 | 52.75 | 52.225 | 49.424 | 52.401 | 51.188 | 59.164 | 30.680 | 21.730 |
| 10/17/2025 8:00 | 2.631 | 2.564 | 2.309 | 3.266 | 2.510 | 3.829 | 52.40 | 52.225 | 49.334 | 52.401 | 51.080 | 59.164 | 31.880 | 21.400 |
| 10/17/2025 8:15 | 3.025 | 2.966 | 2.711 | 3.261 | 2.910 | 3.815 | 52.23 | 52.050 | 49.334 | 52.401 | 51.116 | 59.164 | 32.130 | 23.310 |
| 10/17/2025 8:30 | 3.382 | 3.332 | 3.116 | 3.285 | 3.266 | 3.815 | 52.05 | 51.699 | 49.712 | 52.225 | 51.134 | 59.164 | 32.350 | 21.310 |
| 10/17/2025 8:45 | 3.665 | 3.612 | 3.483 | 3.553 | 3.521 | 3.804 | 52.58 | 51.523 | 49.982 | 52.050 | 51.332 | 59.164 | 32.310 | 21.370 |
| 10/17/2025 9:00 | 3.911 | 3.828 | 3.755 | 3.797 | 3.756 | 3.798 | 52.75 | 51.523 | 50.144 | 52.050 | 52.250 | 59.164 | 33.210 | 21.600 |
| 10/17/2025 9:15 | 3.984 | 3.990 | 3.977 | 3.946 | 3.917 | 3.799 | 52.93 | 51.699 | 50.270 | 52.050 | 52.484 | 59.337 | 33.250 | 21.920 |
| 10/17/2025 9:30 | 3.978 | 4.049 | 4.152 | 4.043 | 3.974 | 3.803 | 53.10 | 52.050 | 50.486 | 52.050 | 52.610 | 59.337 | 33.210 | 22.840 |
| 10/17/2025 9:45 | 3.875 | 3.969 | 4.225 | 4.090 | 3.893 | 3.794 | 53.10 | 52.225 | 50.684 | 52.050 | 52.682 | 59.508 | 33.420 | 23.880 |
| 10/17/2025 10:00 | 3.737 | 3.881 | 4.175 | 4.090 | 3.795 | 3.791 | 53.27 | 52.401 | 50.864 | 52.050 | 52.772 | 59.680 | 33.400 | 24.680 |
| 10/17/2025 10:15 | 3.572 | 3.748 | 4.096 | 4.034 | 3.610 | 3.795 | 53.27 | 52.401 | 51.062 | 52.225 | 52.772 | 59.680 | 33.110 | 25.290 |
| 10/17/2025 10:30 | 3.357 | 3.559 | 3.943 | 3.935 | 3.428 | 3.808 | 53.27 | 52.576 | 51.188 | 52.225 | 52.718 | 59.851 | 33.250 | 25.810 |
| 10/17/2025 10:45 | 3.142 | 3.343 | 3.758 | 3.795 | 3.195 | 3.807 | 53.10 | 52.576 | 51.278 | 52.225 | 52.682 | 59.851 | 33.020 | 26.250 |
| 10/17/2025 11:00 | 2.947 | 3.130 | 3.546 | 3.643 | 2.977 | 3.806 | 53.10 | 52.576 | 51.350 | 52.401 | 52.574 | 59.851 | 32.870 | 26.640 |
| 10/17/2025 11:15 | 2.736 | 2.925 | 3.310 | 3.505 | 2.768 | 3.806 | 53.10 | 52.576 | 51.386 | 52.401 | 52.466 | 60.024 | 32.790 | 26.990 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/17/2025 11:30 | 2.565 | 2.725 | 3.091 | 3.435 | 2.586 | 3.812 | 53.10 | 52.576 | 51.422 | 52.401 | 52.358 | 60.024 | 32.700 | 27.140 |
| 10/17/2025 11:45 | 2.397 | 2.553 | 2.908 | 3.404 | 2.434 | 3.807 | 53.27 | 52.576 | 51.440 | 52.401 | 52.304 | 60.024 | 32.800 | 27.600 |
| 10/17/2025 12:00 | 2.257 | 2.405 | 2.739 | 3.373 | 2.282 | 3.808 | 53.27 | 52.576 | 51.458 | 52.576 | 52.322 | 60.195 | 32.500 | 28.480 |
| 10/17/2025 12:15 | 2.128 | 2.272 | 2.584 | 3.354 | 2.162 | 3.800 | 53.27 | 52.576 | 51.494 | 52.576 | 52.394 | 60.195 | 32.530 | 28.140 |
| 10/17/2025 12:30 | 2.022 | 2.161 | 2.459 | 3.346 | 2.038 | 3.794 | 53.45 | 52.576 | 51.566 | 52.576 | 52.484 | 60.368 | 32.490 | 28.340 |
| 10/17/2025 12:45 | 1.918 | 2.064 | 2.329 | 3.334 | 1.949 | 3.798 | 53.62 | 52.750 | 51.692 | 52.750 | 52.592 | 60.368 | 32.380 | 28.510 |
| 10/17/2025 13:00 | 1.825 | 1.966 | 2.241 | 3.313 | 1.873 | 3.794 | 53.80 | 52.750 | 51.836 | 52.925 | 52.736 | 60.539 | 32.350 | 28.640 |
| 10/17/2025 13:15 | 1.752 | 1.885 | 2.169 | 3.317 | 1.797 | 3.791 | 54.15 | 52.750 | 52.034 | 52.925 | 52.952 | 60.539 | 32.350 | 28.760 |
| 10/17/2025 13:30 | 1.669 | 1.813 | 2.088 | 3.302 | 1.721 | 3.781 | 54.32 | 52.925 | 52.304 | 53.100 | 53.258 | 60.712 | 32.440 | 28.860 |
| 10/17/2025 13:45 | 1.616 | 1.765 | 2.011 | 3.301 | 1.664 | 3.788 | 54.50 | 52.925 | 52.646 | 53.274 | 53.564 | 60.712 | 32.330 | 28.930 |
| 10/17/2025 14:00 | 1.574 | 1.716 | 1.963 | 3.307 | 1.598 | 3.795 | 54.67 | 53.100 | 53.258 | 53.623 | 53.906 | 60.883 | 32.310 | 28.950 |
| 10/17/2025 14:15 | 1.520 | 1.667 | 1.902 | 3.293 | 1.556 | 3.808 | 54.84 | 53.274 | 53.942 | 53.798 | 54.176 | 61.054 | 32.290 | 28.990 |
| 10/17/2025 14:30 | 1.471 | 1.623 | 1.854 | 3.280 | 1.504 | 3.801 | 55.02 | 53.274 | 54.554 | 53.973 | 54.446 | 61.227 | 32.070 | 28.910 |
| 10/17/2025 14:45 | 1.437 | 1.582 | 1.814 | 3.271 | 1.463 | 3.804 | 55.19 | 53.449 | 55.094 | 54.322 | 54.698 | 61.398 | 32.200 | 28.760 |
| 10/17/2025 15:00 | 1.393 | 1.551 | 1.778 | 3.252 | 1.433 | 3.802 | 55.36 | 53.623 | 55.544 | 54.669 | 54.896 | 61.398 | 32.180 | 28.540 |
| 10/17/2025 15:15 | 1.360 | 1.515 | 1.763 | 3.252 | 1.405 | 3.794 | 55.54 | 53.798 | 55.832 | 54.842 | 55.148 | 61.569 | 32.260 | 27.020 |
| 10/17/2025 15:30 | 1.327 | 1.501 | 1.727 | 3.247 | 1.373 | 3.796 | 55.71 | 53.798 | 55.904 | 55.189 | 55.400 | 61.569 | 32.210 | 26.040 |
| 10/17/2025 15:45 | 1.292 | 1.471 | 1.711 | 3.238 | 1.345 | 3.798 | 55.88 | 53.973 | 55.850 | 55.537 | 55.616 | 61.741 | 32.210 | 25.840 |
| 10/17/2025 16:00 | 1.278 | 1.473 | 1.690 | 3.244 | 1.324 | 3.795 | 55.88 | 54.147 | 55.778 | 55.711 | 55.760 | 61.741 | 32.150 | 26.030 |
| 10/17/2025 16:15 | 1.252 | 1.456 | 1.694 | 3.243 | 1.295 | 3.809 | 55.88 | 54.147 | 55.742 | 55.884 | 55.850 | 61.912 | 32.100 | 24.790 |
| 10/17/2025 16:30 | 1.234 | 1.446 | 1.661 | 3.242 | 1.267 | 3.807 | 55.88 | 54.322 | 55.742 | 56.230 | 55.922 | 61.912 | 32.140 | 23.360 |
| 10/17/2025 16:45 | 1.221 | 1.438 | 1.640 | 3.234 | 1.246 | 3.816 | 55.88 | 54.322 | 55.634 | 56.404 | 55.940 | 61.912 | 32.040 | 23.000 |
| 10/17/2025 17:00 | 1.210 | 1.431 | 1.634 | 3.239 | 1.233 | 3.815 | 55.88 | 54.495 | 55.508 | 56.404 | 55.940 | 61.912 | 32.050 | 22.750 |
| 10/17/2025 17:15 | 1.191 | 1.427 | 1.625 | 3.235 | 1.222 | 3.812 | 56.06 | 54.495 | 55.364 | 56.577 | 55.940 | 61.912 | 31.960 | 22.610 |
| 10/17/2025 17:30 | 1.181 | 1.425 | 1.619 | 3.233 | 1.212 | 3.816 | 56.06 | 54.669 | 55.220 | 56.577 | 55.922 | 61.912 | 31.940 | 22.490 |
| 10/17/2025 17:45 | 1.168 | 1.425 | 1.617 | 3.237 | 1.191 | 3.817 | 56.06 | 54.669 | 55.058 | 56.577 | 55.922 | 61.912 | 31.890 | 22.400 |
| 10/17/2025 18:00 | 1.158 | 1.426 | 1.611 | 3.238 | 1.191 | 3.824 | 56.06 | 54.669 | 54.896 | 56.577 | 55.922 | 61.912 | 31.860 | 23.750 |
| 10/17/2025 18:15 | 1.148 | 1.418 | 1.613 | 3.237 | 1.179 | 3.822 | 55.88 | 54.842 | 54.716 | 56.577 | 55.922 | 61.912 | 31.810 | 22.310 |
| 10/17/2025 18:30 | 1.174 | 1.418 | 1.603 | 3.234 | 1.177 | 3.816 | 56.06 | 54.842 | 54.554 | 56.577 | 55.904 | 61.741 | 30.780 | 22.300 |
| 10/17/2025 18:45 | 1.256 | 1.422 | 1.610 | 3.237 | 1.230 | 3.823 | 56.06 | 54.842 | 54.392 | 56.577 | 55.868 | 61.741 | 31.710 | 22.280 |
| 10/17/2025 19:00 | 1.398 | 1.437 | 1.613 | 3.244 | 1.351 | 3.819 | 56.06 | 54.842 | 54.212 | 56.404 | 55.868 | 61.569 | 28.460 | 22.230 |
| 10/17/2025 19:15 | 1.622 | 1.532 | 1.609 | 3.235 | 1.533 | 3.818 | 56.06 | 54.842 | 53.978 | 56.404 | 55.886 | 61.398 | 31.420 | 18.720 |
| 10/17/2025 19:30 | 1.909 | 1.761 | 1.683 | 3.241 | 1.776 | 3.812 | 56.06 | 54.842 | 53.906 | 56.230 | 55.886 | 61.227 | 31.160 | 21.490 |
| 10/17/2025 19:45 | 2.249 | 2.122 | 1.902 | 3.246 | 2.111 | 3.817 | 55.88 | 54.842 | 53.798 | 56.230 | 55.796 | 61.054 | 31.000 | 23.980 |
| 10/17/2025 20:00 | 2.620 | 2.541 | 2.292 | 3.239 | 2.520 | 3.822 | 55.36 | 54.842 | 53.582 | 56.057 | 55.346 | 61.054 | 31.590 | 23.000 |
| 10/17/2025 20:15 | 3.044 | 2.988 | 2.715 | 3.238 | 2.979 | 3.823 | 55.19 | 54.842 | 53.600 | 56.057 | 54.968 | 60.883 | 32.050 | 22.860 |
| 10/17/2025 20:30 | 3.511 | 3.408 | 3.150 | 3.320 | 3.390 | 3.820 | 55.02 | 54.842 | 53.852 | 55.884 | 54.824 | 60.712 | 32.100 | 21.720 |
| 10/17/2025 20:45 | 3.901 | 3.709 | 3.594 | 3.639 | 3.676 | 3.821 | 55.02 | 54.669 | 53.996 | 55.711 | 54.716 | 60.712 | 31.990 | 23.030 |
| 10/17/2025 21:00 | 4.188 | 3.984 | 3.896 | 3.878 | 3.928 | 3.815 | 55.02 | 54.669 | 54.230 | 55.537 | 54.590 | 60.539 | 33.240 | 23.310 |
| 10/17/2025 21:15 | 4.263 | 4.168 | 4.143 | 4.021 | 4.107 | 3.821 | 55.02 | 54.495 | 54.428 | 55.537 | 54.572 | 60.539 | 33.250 | 23.570 |
| 10/17/2025 21:30 | 4.349 | 4.259 | 4.311 | 4.125 | 4.208 | 3.812 | 55.02 | 54.495 | 54.428 | 55.537 | 54.554 | 60.368 | 33.320 | 24.200 |
| 10/17/2025 21:45 | 4.257 | 4.285 | 4.394 | 4.189 | 4.220 | 3.815 | 55.02 | 54.495 | 54.356 | 55.364 | 54.554 | 60.368 | 33.310 | 24.880 |
| 10/17/2025 22:00 | 4.173 | 4.243 | 4.437 | 4.227 | 4.166 | 3.814 | 54.84 | 54.495 | 54.302 | 55.364 | 54.554 | 60.368 | 33.290 | 25.390 |
| 10/17/2025 22:15 | 4.062 | 4.177 | 4.417 | 4.241 | 4.086 | 3.821 | 54.84 | 54.495 | 54.284 | 55.189 | 54.536 | 60.195 | 33.270 | 25.840 |
| 10/17/2025 22:30 | 3.957 | 4.064 | 4.377 | 4.232 | 3.948 | 3.812 | 54.67 | 54.495 | 54.284 | 55.189 | 54.500 | 60.195 | 33.250 | 26.200 |
| 10/17/2025 22:45 | 3.698 | 3.897 | 4.269 | 4.192 | 3.755 | 3.817 | 54.67 | 54.495 | 54.284 | 55.189 | 54.356 | 60.024 | 33.250 | 26.550 |
| 10/17/2025 23:00 | 3.476 | 3.697 | 4.093 | 4.133 | 3.524 | 3.816 | 54.50 | 54.495 | 54.284 | 55.189 | 54.122 | 60.024 | 33.160 | 26.990 |
| 10/17/2025 23:15 | 3.255 | 3.472 | 3.896 | 4.049 | 3.297 | 3.820 | 54.32 | 54.495 | 54.212 | 55.189 | 53.888 | 60.024 | 33.200 | 27.540 |
| 10/17/2025 23:30 | 3.021 | 3.241 | 3.679 | 3.921 | 3.071 | 3.820 | 54.15 | 54.495 | 54.068 | 55.189 | 53.762 | 59.851 | 33.170 | 27.920 |
| 10/17/2025 23:45 | 2.821 | 3.023 | 3.451 | 3.769 | 2.849 | 3.820 | 54.15 | 54.495 | 53.906 | 55.017 | 53.600 | 59.851 | 33.040 | 28.240 |
| 10/18/2025 0:00 | 2.637 | 2.825 | 3.226 | 3.620 | 2.663 | 3.813 | 53.97 | 54.322 | 53.708 | 55.017 | 53.492 | 59.851 | 32.790 | 28.530 |
| 10/18/2025 0:15 | 2.490 | 2.652 | 3.015 | 3.533 | 2.502 | 3.811 | 53.97 | 54.322 | 53.474 | 54.842 | 53.402 | 59.851 | 32.810 | 28.720 |
| 10/18/2025 0:30 | 2.341 | 2.497 | 2.841 | 3.484 | 2.355 | 3.814 | 53.80 | 54.322 | 53.222 | 54.669 | 53.276 | 59.851 | 32.740 | 28.800 |
| 10/18/2025 0:45 | 2.204 | 2.355 | 2.675 | 3.438 | 2.236 | 3.820 | 53.80 | 54.147 | 52.952 | 54.669 | 53.132 | 59.851 | 32.640 | 28.900 |
| 10/18/2025 1:00 | 2.091 | 2.239 | 2.542 | 3.416 | 2.131 | 3.812 | 53.62 | 54.147 | 52.736 | 54.495 | 52.970 | 59.680 | 32.560 | 29.130 |
| 10/18/2025 1:15 | 2.000 | 2.145 | 2.428 | 3.408 | 2.024 | 3.807 | 53.62 | 53.973 | 52.484 | 54.495 | 52.862 | 59.680 | 32.450 | 29.230 |
| 10/18/2025 1:30 | 1.906 | 2.051 | 2.330 | 3.401 | 1.931 | 3.809 | 53.62 | 53.973 | 52.268 | 54.495 | 52.772 | 59.508 | 32.370 | 29.320 |
| 10/18/2025 1:45 | 1.833 | 1.978 | 2.235 | 3.394 | 1.851 | 3.810 | 53.80 | 53.798 | 52.052 | 54.495 | 52.664 | 59.508 | 32.270 | 29.410 |
| 10/18/2025 2:00 | 1.770 | 1.911 | 2.159 | 3.394 | 1.778 | 3.818 | 53.80 | 53.798 | 51.872 | 54.322 | 52.574 | 59.508 | 32.190 | 29.510 |
| 10/18/2025 2:15 | 1.707 | 1.853 | 2.084 | 3.386 | 1.714 | 3.819 | 53.80 | 53.623 | 51.674 | 54.322 | 52.520 | 59.337 | 32.170 | 29.530 |
| 10/18/2025 2:30 | 1.636 | 1.795 | 2.023 | 3.375 | 1.668 | 3.819 | 53.62 | 53.449 | 51.440 | 54.322 | 52.520 | 59.337 | 32.130 | 29.610 |
| 10/18/2025 2:45 | 1.586 | 1.751 | 1.984 | 3.364 | 1.604 | 3.811 | 53.62 | 53.449 | 51.026 | 54.147 | 52.556 | 59.337 | 32.070 | 29.750 |
| 10/18/2025 3:00 | 1.536 | 1.701 | 1.937 | 3.361 | 1.551 | 3.813 | 53.80 | 53.449 | 50.576 | 54.147 | 52.574 | 59.337 | 31.940 | 29.830 |
| 10/18/2025 3:15 | 1.501 | 1.675 | 1.893 | 3.357 | 1.512 | 3.806 | 53.62 | 53.274 | 50.180 | 54.147 | 52.610 | 59.337 | 31.910 | 29.730 |
| 10/18/2025 3:30 | 1.464 | 1.651 | 1.855 | 3.352 | 1.467 | 3.810 | 53.62 | 53.274 | 49.874 | 53.973 | 52.646 | 59.337 | 31.820 | 29.630 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/18/2025 3:45 | 1.421 | 1.632 | 1.814 | 3.352 | 1.432 | 3.821 | 53.45 | 53.100 | 49.640 | 53.973 | 52.646 | 59.337 | 31.710 | 29.530 |
| 10/18/2025 4:00 | 1.392 | 1.604 | 1.790 | 3.351 | 1.401 | 3.813 | 53.45 | 53.100 | 49.424 | 53.973 | 52.664 | 59.164 | 31.710 | 29.490 |
| 10/18/2025 4:15 | 1.369 | 1.589 | 1.777 | 3.340 | 1.376 | 3.815 | 53.45 | 52.925 | 49.208 | 53.973 | 52.682 | 59.164 | 31.680 | 29.360 |
| 10/18/2025 4:30 | 1.336 | 1.576 | 1.758 | 3.337 | 1.354 | 3.815 | 53.45 | 52.925 | 49.046 | 53.798 | 52.700 | 59.164 | 31.540 | 29.010 |
| 10/18/2025 4:45 | 1.311 | 1.562 | 1.743 | 3.336 | 1.329 | 3.817 | 53.62 | 52.925 | 48.956 | 53.798 | 52.700 | 59.164 | 31.620 | 28.640 |
| 10/18/2025 5:00 | 1.290 | 1.557 | 1.721 | 3.335 | 1.311 | 3.814 | 53.62 | 52.750 | 48.902 | 53.798 | 52.700 | 58.993 | 31.590 | 28.500 |
| 10/18/2025 5:15 | 1.267 | 1.546 | 1.722 | 3.326 | 1.302 | 3.825 | 53.62 | 52.750 | 48.830 | 53.623 | 52.700 | 58.993 | 31.560 | 28.430 |
| 10/18/2025 5:30 | 1.251 | 1.531 | 1.716 | 3.308 | 1.295 | 3.817 | 53.45 | 52.750 | 48.722 | 53.623 | 52.664 | 58.993 | 31.540 | 28.400 |
| 10/18/2025 5:45 | 1.234 | 1.521 | 1.711 | 3.310 | 1.274 | 3.816 | 53.27 | 52.576 | 48.578 | 53.623 | 52.646 | 58.820 | 31.550 | 25.590 |
| 10/18/2025 6:00 | 1.221 | 1.513 | 1.708 | 3.301 | 1.266 | 3.818 | 53.27 | 52.576 | 48.434 | 53.449 | 52.610 | 58.820 | 31.290 | 25.580 |
| 10/18/2025 6:15 | 1.220 | 1.508 | 1.699 | 3.308 | 1.244 | 3.818 | 53.27 | 52.401 | 48.308 | 53.449 | 52.556 | 58.820 | 31.020 | 25.470 |
| 10/18/2025 6:30 | 1.199 | 1.499 | 1.679 | 3.297 | 1.237 | 3.827 | 53.45 | 52.401 | 48.182 | 53.274 | 52.520 | 58.647 | 30.490 | 25.260 |
| 10/18/2025 6:45 | 1.195 | 1.507 | 1.692 | 3.301 | 1.228 | 3.822 | 53.27 | 52.401 | 47.804 | 53.274 | 52.466 | 58.647 | 30.230 | 24.100 |
| 10/18/2025 7:00 | 1.181 | 1.493 | 1.670 | 3.287 | 1.217 | 3.822 | 53.10 | 52.225 | 47.462 | 53.100 | 52.394 | 58.647 | 30.020 | 24.420 |
| 10/18/2025 7:15 | 1.253 | 1.497 | 1.662 | 3.295 | 1.232 | 3.819 | 53.27 | 52.225 | 47.444 | 53.100 | 52.340 | 58.476 | 30.040 | 22.990 |
| 10/18/2025 7:30 | 1.342 | 1.492 | 1.654 | 3.289 | 1.285 | 3.830 | 53.27 | 52.050 | 47.408 | 52.925 | 52.178 | 58.476 | 29.660 | 22.960 |
| 10/18/2025 7:45 | 1.535 | 1.549 | 1.633 | 3.296 | 1.431 | 3.825 | 53.27 | 52.050 | 47.390 | 52.925 | 51.854 | 58.303 | 29.500 | 22.940 |
| 10/18/2025 8:00 | 1.775 | 1.709 | 1.649 | 3.290 | 1.653 | 3.835 | 53.27 | 52.050 | 47.606 | 52.750 | 51.458 | 58.303 | 29.460 | 23.370 |
| 10/18/2025 8:15 | 2.157 | 2.018 | 1.782 | 3.274 | 1.952 | 3.830 | 53.27 | 51.874 | 48.056 | 52.750 | 51.206 | 58.303 | 29.380 | 27.900 |
| 10/18/2025 8:30 | 2.486 | 2.423 | 2.129 | 3.265 | 2.345 | 3.814 | 52.75 | 51.874 | 48.344 | 52.576 | 51.440 | 58.303 | 31.500 | 26.400 |
| 10/18/2025 8:45 | 2.965 | 2.867 | 2.560 | 3.256 | 2.813 | 3.805 | 52.93 | 51.523 | 47.966 | 52.576 | 51.764 | 58.303 | 31.920 | 26.130 |
| 10/18/2025 9:00 | 3.413 | 3.297 | 2.992 | 3.276 | 3.257 | 3.797 | 53.10 | 51.523 | 48.002 | 52.401 | 52.124 | 58.476 | 32.350 | 26.010 |
| 10/18/2025 9:15 | 3.876 | 3.650 | 3.450 | 3.551 | 3.602 | 3.788 | 53.45 | 51.699 | 48.218 | 52.401 | 52.898 | 58.647 | 32.960 | 25.910 |
| 10/18/2025 9:30 | 4.082 | 3.937 | 3.827 | 3.823 | 3.899 | 3.779 | 53.80 | 51.874 | 48.596 | 52.050 | 53.438 | 58.647 | 33.410 | 26.690 |
| 10/18/2025 9:45 | 4.298 | 4.121 | 4.126 | 3.989 | 4.090 | 3.786 | 53.80 | 52.225 | 49.082 | 52.050 | 53.654 | 58.820 | 33.500 | 26.110 |
| 10/18/2025 10:00 | 4.318 | 4.229 | 4.308 | 4.112 | 4.200 | 3.777 | 53.97 | 52.401 | 49.748 | 52.050 | 53.798 | 58.993 | 33.320 | 26.320 |
| 10/18/2025 10:15 | 4.238 | 4.282 | 4.393 | 4.190 | 4.238 | 3.797 | 54.15 | 52.576 | 50.450 | 52.225 | 53.870 | 59.164 | 33.270 | 26.680 |
| 10/18/2025 10:30 | 4.245 | 4.263 | 4.440 | 4.242 | 4.189 | 3.804 | 54.15 | 52.750 | 51.116 | 52.576 | 53.942 | 59.164 | 33.190 | 26.980 |
| 10/18/2025 10:45 | 4.132 | 4.256 | 4.444 | 4.263 | 4.128 | 3.808 | 54.32 | 52.925 | 51.674 | 52.750 | 54.032 | 59.337 | 33.150 | 27.250 |
| 10/18/2025 11:00 | 3.976 | 4.105 | 4.436 | 4.262 | 3.977 | 3.809 | 54.32 | 53.100 | 52.142 | 52.925 | 54.140 | 59.337 | 33.320 | 27.540 |
| 10/18/2025 11:15 | 3.755 | 3.958 | 4.298 | 4.231 | 3.827 | 3.807 | 54.50 | 53.100 | 52.466 | 53.100 | 54.212 | 59.337 | 33.290 | 27.840 |
| 10/18/2025 11:30 | 3.548 | 3.766 | 4.160 | 4.176 | 3.614 | 3.818 | 54.50 | 53.274 | 52.646 | 53.100 | 54.320 | 59.508 | 33.200 | 28.140 |
| 10/18/2025 11:45 | 3.320 | 3.552 | 3.984 | 4.107 | 3.379 | 3.806 | 54.50 | 53.449 | 52.754 | 53.100 | 54.554 | 59.508 | 33.310 | 29.210 |
| 10/18/2025 12:00 | 3.089 | 3.303 | 3.762 | 4.003 | 3.157 | 3.812 | 54.67 | 53.623 | 52.970 | 53.100 | 54.608 | 59.680 | 33.040 | 28.710 |
| 10/18/2025 12:15 | 2.860 | 3.082 | 3.539 | 3.861 | 2.938 | 3.798 | 54.67 | 53.798 | 53.168 | 53.274 | 54.644 | 59.680 | 32.970 | 28.840 |
| 10/18/2025 12:30 | 2.674 | 2.877 | 3.333 | 3.708 | 2.748 | 3.780 | 54.84 | 53.798 | 53.348 | 53.274 | 54.662 | 59.851 | 32.910 | 29.010 |
| 10/18/2025 12:45 | 2.503 | 2.688 | 3.124 | 3.575 | 2.582 | 3.783 | 54.84 | 53.798 | 53.456 | 53.274 | 54.662 | 59.851 | 32.750 | 29.150 |
| 10/18/2025 13:00 | 2.359 | 2.513 | 2.940 | 3.499 | 2.436 | 3.783 | 55.02 | 53.798 | 53.492 | 53.274 | 54.698 | 60.024 | 33.050 | 29.230 |
| 10/18/2025 13:15 | 2.234 | 2.388 | 2.773 | 3.458 | 2.294 | 3.788 | 55.19 | 53.973 | 53.456 | 53.274 | 54.770 | 60.024 | 32.670 | 29.330 |
| 10/18/2025 13:30 | 2.117 | 2.263 | 2.610 | 3.428 | 2.165 | 3.795 | 55.36 | 53.973 | 53.402 | 53.274 | 54.842 | 60.195 | 32.600 | 29.510 |
| 10/18/2025 13:45 | 2.028 | 2.164 | 2.484 | 3.410 | 2.058 | 3.796 | 55.36 | 53.973 | 53.366 | 53.449 | 54.896 | 60.368 | 32.530 | 29.460 |
| 10/18/2025 14:00 | 1.931 | 2.075 | 2.368 | 3.397 | 1.956 | 3.798 | 55.36 | 53.973 | 53.348 | 53.449 | 54.968 | 60.368 | 32.380 | 29.560 |
| 10/18/2025 14:15 | 1.846 | 1.988 | 2.267 | 3.392 | 1.877 | 3.798 | 55.36 | 53.973 | 53.384 | 53.623 | 55.058 | 60.539 | 32.510 | 29.630 |
| 10/18/2025 14:30 | 1.782 | 1.922 | 2.183 | 3.387 | 1.800 | 3.804 | 55.54 | 53.973 | 53.474 | 53.798 | 55.130 | 60.712 | 32.350 | 29.740 |
| 10/18/2025 14:45 | 1.717 | 1.863 | 2.116 | 3.379 | 1.740 | 3.811 | 55.54 | 53.973 | 53.636 | 53.973 | 55.184 | 60.883 | 32.440 | 29.830 |
| 10/18/2025 15:00 | 1.647 | 1.790 | 2.044 | 3.366 | 1.683 | 3.805 | 55.54 | 53.973 | 53.888 | 54.322 | 55.274 | 60.883 | 32.320 | 29.940 |
| 10/18/2025 15:15 | 1.594 | 1.746 | 2.004 | 3.365 | 1.631 | 3.799 | 55.71 | 54.147 | 54.230 | 54.495 | 55.382 | 61.054 | 32.250 | 30.020 |
| 10/18/2025 15:30 | 1.551 | 1.708 | 1.964 | 3.358 | 1.578 | 3.804 | 55.88 | 54.147 | 54.716 | 54.669 | 55.526 | 61.054 | 32.150 | 30.110 |
| 10/18/2025 15:45 | 1.506 | 1.675 | 1.915 | 3.349 | 1.545 | 3.808 | 56.06 | 54.322 | 55.130 | 55.017 | 55.634 | 61.227 | 32.070 | 30.200 |
| 10/18/2025 16:00 | 1.471 | 1.641 | 1.884 | 3.351 | 1.503 | 3.807 | 56.06 | 54.322 | 55.490 | 55.189 | 55.760 | 61.227 | 32.040 | 30.160 |
| 10/18/2025 16:15 | 1.428 | 1.611 | 1.859 | 3.337 | 1.465 | 3.811 | 56.23 | 54.495 | 55.688 | 55.537 | 55.868 | 61.398 | 31.990 | 30.330 |
| 10/18/2025 16:30 | 1.393 | 1.580 | 1.818 | 3.330 | 1.441 | 3.807 | 56.23 | 54.495 | 55.796 | 55.711 | 55.940 | 61.398 | 31.870 | 31.050 |
| 10/18/2025 16:45 | 1.366 | 1.574 | 1.804 | 3.331 | 1.401 | 3.800 | 56.23 | 54.669 | 55.778 | 55.711 | 55.976 | 61.398 | 31.720 | 30.690 |
| 10/18/2025 17:00 | 1.347 | 1.553 | 1.774 | 3.325 | 1.376 | 3.816 | 56.23 | 54.669 | 55.688 | 55.884 | 55.976 | 61.398 | 31.490 | 30.150 |
| 10/18/2025 17:15 | 1.317 | 1.538 | 1.754 | 3.319 | 1.347 | 3.818 | 56.23 | 54.669 | 55.562 | 55.884 | 55.976 | 61.569 | 31.290 | 30.090 |
| 10/18/2025 17:30 | 1.299 | 1.529 | 1.739 | 3.321 | 1.322 | 3.818 | 56.23 | 54.842 | 55.418 | 56.057 | 55.922 | 61.569 | 31.400 | 30.010 |
| 10/18/2025 17:45 | 1.269 | 1.514 | 1.719 | 3.299 | 1.304 | 3.817 | 56.23 | 54.842 | 55.256 | 56.057 | 55.868 | 61.569 | 31.200 | 29.940 |
| 10/18/2025 18:00 | 1.254 | 1.507 | 1.721 | 3.296 | 1.306 | 3.813 | 56.23 | 54.842 | 55.076 | 56.057 | 55.814 | 61.398 | 31.150 | 29.880 |
| 10/18/2025 18:15 | 1.237 | 1.499 | 1.722 | 3.286 | 1.272 | 3.821 | 56.23 | 55.017 | 54.896 | 55.884 | 55.760 | 61.398 | 31.190 | 29.800 |
| 10/18/2025 18:30 | 1.221 | 1.483 | 1.699 | 3.286 | 1.266 | 3.816 | 56.23 | 55.017 | 54.734 | 55.884 | 55.688 | 61.398 | 31.080 | 29.730 |
| 10/18/2025 18:45 | 1.207 | 1.489 | 1.696 | 3.284 | 1.254 | 3.822 | 56.23 | 55.017 | 54.554 | 55.884 | 55.634 | 61.227 | 31.020 | 29.670 |
| 10/18/2025 19:00 | 1.203 | 1.486 | 1.675 | 3.280 | 1.249 | 3.809 | 56.23 | 55.017 | 54.392 | 55.884 | 55.580 | 61.227 | 30.950 | 29.580 |
| 10/18/2025 19:15 | 1.188 | 1.471 | 1.683 | 3.266 | 1.238 | 3.817 | 56.06 | 55.017 | 54.230 | 55.884 | 55.526 | 61.054 | 30.780 | 29.480 |
| 10/18/2025 19:30 | 1.230 | 1.458 | 1.686 | 3.267 | 1.244 | 3.816 | 56.06 | 55.017 | 54.068 | 55.711 | 55.472 | 60.883 | 30.060 | 29.130 |
| 10/18/2025 19:45 | 1.326 | 1.455 | 1.663 | 3.257 | 1.302 | 3.814 | 56.06 | 55.017 | 53.834 | 55.711 | 55.418 | 60.712 | 30.310 | 28.100 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/18/2025 20:00 | 1.480 | 1.506 | 1.666 | 3.264 | 1.456 | 3.807 | 56.06 | 55.017 | 53.654 | 55.537 | 55.400 | 60.712 | 29.990 | 25.970 |
| 10/18/2025 20:15 | 1.760 | 1.646 | 1.685 | 3.255 | 1.675 | 3.819 | 56.06 | 55.017 | 53.510 | 55.537 | 55.400 | 60.539 | 29.850 | 28.110 |
| 10/18/2025 20:30 | 2.028 | 1.945 | 1.835 | 3.255 | 1.986 | 3.814 | 56.06 | 55.017 | 53.510 | 55.364 | 55.310 | 60.539 | 29.780 | 28.510 |
| 10/18/2025 20:45 | 2.483 | 2.346 | 2.156 | 3.257 | 2.360 | 3.805 | 55.54 | 55.017 | 53.438 | 55.364 | 54.986 | 60.368 | 31.260 | 27.270 |
| 10/18/2025 21:00 | 3.012 | 2.819 | 2.555 | 3.266 | 2.823 | 3.815 | 55.36 | 54.842 | 53.186 | 55.189 | 54.806 | 60.195 | 32.190 | 27.070 |
| 10/18/2025 21:15 | 3.479 | 3.308 | 2.997 | 3.271 | 3.286 | 3.812 | 55.19 | 54.842 | 53.276 | 55.189 | 54.716 | 60.195 | 32.670 | 27.000 |
| 10/18/2025 21:30 | 3.993 | 3.692 | 3.483 | 3.581 | 3.633 | 3.814 | 55.19 | 54.669 | 53.564 | 55.017 | 54.806 | 60.024 | 33.160 | 27.030 |
| 10/18/2025 21:45 | 4.291 | 4.000 | 3.847 | 3.863 | 3.934 | 3.825 | 55.36 | 54.669 | 53.798 | 54.842 | 54.842 | 60.024 | 33.300 | 27.050 |
| 10/18/2025 22:00 | 4.418 | 4.207 | 4.154 | 4.022 | 4.158 | 3.824 | 55.36 | 54.669 | 54.014 | 54.842 | 54.860 | 59.851 | 33.340 | 27.090 |
| 10/18/2025 22:15 | 4.431 | 4.312 | 4.342 | 4.144 | 4.248 | 3.816 | 55.36 | 54.842 | 54.104 | 54.842 | 54.860 | 59.851 | 33.610 | 27.170 |
| 10/18/2025 22:30 | 4.527 | 4.364 | 4.435 | 4.204 | 4.312 | 3.817 | 55.19 | 54.842 | 54.140 | 54.842 | 54.860 | 59.851 | 33.260 | 27.270 |
| 10/18/2025 22:45 | 4.486 | 4.398 | 4.509 | 4.249 | 4.347 | 3.811 | 55.19 | 54.842 | 54.230 | 54.842 | 54.860 | 59.680 | 33.490 | 27.400 |
| 10/18/2025 23:00 | 4.377 | 4.383 | 4.539 | 4.293 | 4.295 | 3.816 | 55.19 | 54.842 | 54.284 | 54.842 | 54.842 | 59.680 | 33.270 | 27.500 |
| 10/18/2025 23:15 | 4.162 | 4.289 | 4.557 | 4.307 | 4.197 | 3.809 | 55.19 | 54.669 | 54.338 | 54.842 | 54.824 | 59.680 | 33.200 | 27.630 |
| 10/18/2025 23:30 | 3.960 | 4.136 | 4.484 | 4.304 | 3.993 | 3.818 | 55.02 | 54.669 | 54.374 | 54.842 | 54.788 | 59.680 | 33.410 | 27.830 |
| 10/18/2025 23:45 | 3.734 | 3.955 | 4.326 | 4.272 | 3.781 | 3.819 | 54.84 | 54.669 | 54.392 | 54.842 | 54.572 | 59.508 | 33.380 | 28.040 |
| 10/19/2025 0:00 | 3.481 | 3.747 | 4.148 | 4.214 | 3.549 | 3.822 | 54.84 | 54.669 | 54.392 | 54.842 | 54.266 | 59.508 | 33.370 | 28.250 |
| 10/19/2025 0:15 | 3.255 | 3.513 | 3.948 | 4.145 | 3.310 | 3.815 | 54.67 | 54.495 | 54.320 | 54.842 | 54.086 | 59.508 | 33.280 | 28.470 |
| 10/19/2025 0:30 | 3.020 | 3.281 | 3.728 | 4.058 | 3.090 | 3.811 | 54.50 | 54.495 | 54.194 | 54.842 | 53.870 | 59.508 | 33.380 | 28.630 |
| 10/19/2025 0:45 | 2.822 | 3.069 | 3.509 | 3.949 | 2.889 | 3.816 | 54.32 | 54.322 | 54.014 | 54.842 | 53.726 | 59.337 | 33.050 | 28.850 |
| 10/19/2025 1:00 | 2.623 | 2.865 | 3.309 | 3.803 | 2.707 | 3.812 | 54.15 | 54.322 | 53.780 | 54.669 | 53.564 | 59.337 | 32.910 | 29.010 |
| 10/19/2025 1:15 | 2.473 | 2.685 | 3.108 | 3.673 | 2.551 | 3.815 | 53.97 | 54.322 | 53.492 | 54.669 | 53.456 | 59.337 | 32.720 | 29.180 |
| 10/19/2025 1:30 | 2.338 | 2.528 | 2.924 | 3.575 | 2.391 | 3.808 | 53.80 | 54.322 | 53.150 | 54.495 | 53.294 | 59.337 | 32.540 | 29.310 |
| 10/19/2025 1:45 | 2.210 | 2.389 | 2.752 | 3.514 | 2.260 | 3.811 | 53.80 | 54.147 | 52.826 | 54.322 | 53.114 | 59.164 | 32.470 | 29.430 |
| 10/19/2025 2:00 | 2.096 | 2.274 | 2.606 | 3.472 | 2.153 | 3.814 | 53.80 | 53.973 | 52.538 | 54.322 | 52.898 | 59.164 | 32.220 | 29.520 |
| 10/19/2025 2:15 | 2.000 | 2.169 | 2.481 | 3.442 | 2.049 | 3.812 | 53.80 | 53.973 | 52.322 | 54.147 | 52.664 | 59.164 | 32.330 | 29.590 |
| 10/19/2025 2:30 | 1.902 | 2.070 | 2.376 | 3.427 | 1.956 | 3.810 | 53.80 | 53.798 | 52.106 | 53.973 | 52.448 | 59.164 | 32.080 | 29.660 |
| 10/19/2025 2:45 | 1.829 | 1.995 | 2.271 | 3.417 | 1.884 | 3.804 | 53.80 | 53.623 | 51.926 | 53.973 | 52.268 | 59.164 | 32.100 | 29.730 |
| 10/19/2025 3:00 | 1.767 | 1.932 | 2.207 | 3.420 | 1.811 | 3.806 | 53.62 | 53.449 | 51.764 | 53.973 | 52.178 | 59.164 | 31.990 | 29.800 |
| 10/19/2025 3:15 | 1.703 | 1.876 | 2.132 | 3.418 | 1.743 | 3.817 | 53.62 | 53.449 | 51.620 | 53.973 | 52.088 | 59.164 | 31.920 | 29.840 |
| 10/19/2025 3:30 | 1.650 | 1.821 | 2.068 | 3.412 | 1.686 | 3.826 | 53.45 | 53.274 | 51.458 | 53.798 | 52.034 | 59.164 | 31.870 | 29.890 |
| 10/19/2025 3:45 | 1.595 | 1.773 | 2.021 | 3.402 | 1.624 | 3.821 | 53.27 | 53.274 | 51.224 | 53.798 | 51.962 | 59.164 | 31.650 | 30.030 |
| 10/19/2025 4:00 | 1.553 | 1.739 | 1.971 | 3.395 | 1.552 | 3.816 | 53.27 | 53.100 | 50.918 | 53.798 | 51.962 | 59.164 | 31.740 | 30.180 |
| 10/19/2025 4:15 | 1.507 | 1.703 | 1.904 | 3.389 | 1.520 | 3.820 | 53.45 | 53.100 | 50.666 | 53.798 | 51.962 | 59.164 | 31.650 | 30.240 |
| 10/19/2025 4:30 | 1.464 | 1.676 | 1.878 | 3.381 | 1.485 | 3.814 | 53.27 | 52.925 | 50.396 | 53.798 | 51.998 | 59.164 | 31.580 | 30.230 |
| 10/19/2025 4:45 | 1.434 | 1.654 | 1.862 | 3.385 | 1.460 | 3.811 | 53.27 | 52.925 | 50.198 | 53.623 | 51.980 | 59.164 | 31.410 | 30.120 |
| 10/19/2025 5:00 | 1.392 | 1.632 | 1.844 | 3.372 | 1.438 | 3.812 | 53.10 | 52.925 | 50.054 | 53.623 | 51.962 | 59.164 | 31.230 | 30.020 |
| 10/19/2025 5:15 | 1.361 | 1.619 | 1.831 | 3.377 | 1.418 | 3.804 | 52.93 | 52.750 | 49.910 | 53.623 | 51.926 | 58.993 | 31.170 | 29.930 |
| 10/19/2025 5:30 | 1.342 | 1.600 | 1.813 | 3.366 | 1.374 | 3.810 | 52.93 | 52.750 | 49.802 | 53.623 | 51.854 | 58.993 | 30.850 | 29.850 |
| 10/19/2025 5:45 | 1.321 | 1.598 | 1.801 | 3.369 | 1.353 | 3.802 | 53.10 | 52.750 | 49.694 | 53.623 | 51.818 | 58.993 | 30.760 | 29.800 |
| 10/19/2025 6:00 | 1.294 | 1.585 | 1.790 | 3.363 | 1.339 | 3.812 | 52.75 | 52.750 | 49.586 | 53.623 | 51.764 | 58.820 | 30.870 | 29.730 |
| 10/19/2025 6:15 | 1.283 | 1.581 | 1.771 | 3.362 | 1.322 | 3.807 | 52.93 | 52.576 | 49.496 | 53.449 | 51.674 | 58.820 | 30.780 | 29.690 |
| 10/19/2025 6:30 | 1.255 | 1.570 | 1.765 | 3.354 | 1.299 | 3.807 | 52.75 | 52.576 | 49.442 | 53.449 | 51.584 | 58.820 | 30.870 | 29.640 |
| 10/19/2025 6:45 | 1.242 | 1.569 | 1.750 | 3.349 | 1.295 | 3.800 | 52.75 | 52.576 | 49.370 | 53.449 | 51.476 | 58.820 | 30.810 | 29.610 |
| 10/19/2025 7:00 | 1.226 | 1.557 | 1.752 | 3.346 | 1.263 | 3.809 | 52.58 | 52.576 | 49.316 | 53.449 | 51.404 | 58.820 | 30.830 | 29.610 |
| 10/19/2025 7:15 | 1.210 | 1.557 | 1.726 | 3.342 | 1.235 | 3.805 | 52.40 | 52.401 | 49.244 | 53.449 | 51.350 | 58.820 | 30.830 | 29.490 |
| 10/19/2025 7:30 | 1.205 | 1.560 | 1.715 | 3.341 | 1.220 | 3.805 | 52.58 | 52.401 | 49.190 | 53.449 | 51.242 | 58.820 | 30.900 | 29.210 |
| 10/19/2025 7:45 | 1.199 | 1.550 | 1.695 | 3.334 | 1.203 | 3.811 | 52.58 | 52.401 | 49.154 | 53.274 | 51.134 | 58.647 | 30.740 | 28.990 |
| 10/19/2025 8:00 | 1.233 | 1.532 | 1.680 | 3.321 | 1.203 | 3.813 | 52.58 | 52.401 | 49.118 | 53.274 | 51.080 | 58.647 | 30.630 | 29.040 |
| 10/19/2025 8:15 | 1.353 | 1.510 | 1.672 | 3.306 | 1.299 | 3.810 | 52.58 | 52.225 | 49.064 | 53.274 | 50.954 | 58.647 | 30.460 | 29.160 |
| 10/19/2025 8:30 | 1.567 | 1.546 | 1.668 | 3.296 | 1.461 | 3.800 | 52.58 | 52.225 | 49.064 | 53.274 | 50.954 | 58.647 | 30.240 | 29.090 |
| 10/19/2025 8:45 | 1.780 | 1.706 | 1.707 | 3.275 | 1.675 | 3.792 | 52.75 | 52.225 | 49.064 | 53.274 | 50.990 | 58.647 | 29.940 | 29.560 |
| 10/19/2025 9:00 | 2.149 | 2.020 | 1.848 | 3.261 | 2.002 | 3.781 | 53.10 | 52.225 | 49.568 | 53.274 | 51.098 | 58.820 | 29.520 | 30.050 |
| 10/19/2025 9:15 | 2.686 | 2.479 | 2.182 | 3.259 | 2.485 | 3.777 | 53.45 | 52.225 | 49.676 | 53.274 | 51.872 | 58.820 | 31.530 | 28.330 |
| 10/19/2025 9:30 | 3.154 | 2.996 | 2.659 | 3.259 | 2.989 | 3.773 | 53.80 | 52.050 | 49.370 | 53.274 | 52.664 | 58.993 | 31.940 | 28.160 |
| 10/19/2025 9:45 | 3.594 | 3.461 | 3.183 | 3.364 | 3.448 | 3.777 | 54.15 | 52.225 | 49.298 | 53.274 | 53.240 | 58.993 | 32.560 | 28.080 |
| 10/19/2025 10:00 | 3.952 | 3.787 | 3.652 | 3.699 | 3.751 | 3.773 | 54.32 | 52.576 | 49.460 | 53.100 | 53.852 | 59.164 | 33.050 | 28.060 |
| 10/19/2025 10:15 | 4.198 | 4.061 | 3.978 | 3.928 | 4.019 | 3.780 | 54.32 | 52.750 | 49.784 | 52.925 | 54.194 | 59.337 | 33.210 | 28.050 |
| 10/19/2025 10:30 | 4.315 | 4.208 | 4.222 | 4.064 | 4.171 | 3.789 | 54.50 | 52.925 | 50.378 | 52.925 | 54.320 | 59.337 | 33.150 | 28.140 |
| 10/19/2025 10:45 | 4.253 | 4.283 | 4.376 | 4.155 | 4.238 | 3.786 | 54.67 | 52.925 | 51.188 | 52.925 | 54.464 | 59.337 | 33.210 | 28.300 |
| 10/19/2025 11:00 | 4.234 | 4.272 | 4.444 | 4.208 | 4.223 | 3.796 | 54.67 | 53.100 | 51.962 | 53.274 | 54.608 | 59.508 | 33.320 | 28.440 |
| 10/19/2025 11:15 | 4.179 | 4.287 | 4.455 | 4.239 | 4.214 | 3.781 | 54.84 | 53.274 | 52.556 | 53.449 | 54.716 | 59.508 | 33.300 | 28.560 |
| 10/19/2025 11:30 | 4.126 | 4.217 | 4.470 | 4.270 | 4.119 | 3.784 | 54.84 | 53.449 | 52.880 | 53.623 | 54.824 | 59.508 | 33.270 | 28.690 |
| 10/19/2025 11:45 | 3.895 | 4.073 | 4.417 | 4.257 | 3.953 | 3.792 | 55.02 | 53.623 | 53.222 | 53.798 | 54.968 | 59.680 | 33.270 | 28.850 |
| 10/19/2025 12:00 | 3.685 | 3.884 | 4.272 | 4.206 | 3.755 | 3.793 | 55.19 | 53.798 | 53.510 | 53.798 | 55.130 | 59.680 | 33.270 | 28.960 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/19/2025 12:15 | 3.409 | 3.654 | 4.099 | 4.152 | 3.521 | 3.781 | 55.36 | 53.973 | 53.690 | 53.973 | 55.418 | 59.680 | 33.290 | 29.120 |
| 10/19/2025 12:30 | 3.153 | 3.412 | 3.896 | 4.071 | 3.267 | 3.774 | 55.54 | 54.147 | 53.924 | 53.973 | 55.706 | 59.851 | 33.490 | 29.240 |
| 10/19/2025 12:45 | 2.924 | 3.171 | 3.657 | 3.958 | 3.008 | 3.778 | 55.71 | 54.322 | 54.176 | 53.973 | 55.868 | 59.851 | 33.020 | 29.390 |
| 10/19/2025 13:00 | 2.715 | 2.948 | 3.422 | 3.823 | 2.798 | 3.783 | 55.88 | 54.495 | 54.392 | 54.147 | 55.976 | 60.024 | 32.920 | 29.540 |
| 10/19/2025 13:15 | 2.538 | 2.753 | 3.193 | 3.676 | 2.607 | 3.783 | 56.06 | 54.495 | 54.626 | 54.322 | 56.030 | 60.024 | 32.880 | 29.730 |
| 10/19/2025 13:30 | 2.381 | 2.569 | 2.983 | 3.561 | 2.434 | 3.780 | 56.06 | 54.495 | 54.788 | 54.322 | 56.084 | 60.195 | 32.550 | 29.840 |
| 10/19/2025 13:45 | 2.240 | 2.421 | 2.787 | 3.491 | 2.284 | 3.781 | 56.23 | 54.669 | 54.878 | 54.322 | 56.192 | 60.195 | 32.780 | 29.930 |
| 10/19/2025 14:00 | 2.126 | 2.275 | 2.628 | 3.453 | 2.168 | 3.779 | 56.23 | 54.669 | 54.878 | 54.322 | 56.300 | 60.368 | 32.470 | 30.010 |
| 10/19/2025 14:15 | 2.018 | 2.175 | 2.487 | 3.428 | 2.070 | 3.788 | 56.40 | 54.842 | 54.878 | 54.322 | 56.354 | 60.539 | 32.090 | 30.100 |
| 10/19/2025 14:30 | 1.927 | 2.071 | 2.382 | 3.409 | 1.959 | 3.786 | 56.40 | 54.842 | 54.914 | 54.495 | 56.372 | 60.539 | 32.210 | 30.160 |
| 10/19/2025 14:45 | 1.840 | 1.983 | 2.283 | 3.386 | 1.867 | 3.787 | 56.40 | 54.842 | 54.968 | 54.495 | 56.408 | 60.712 | 31.870 | 30.260 |
| 10/19/2025 15:00 | 1.765 | 1.914 | 2.187 | 3.383 | 1.807 | 3.779 | 56.40 | 54.842 | 55.058 | 54.669 | 56.462 | 60.712 | 32.120 | 30.350 |
| 10/19/2025 15:15 | 1.694 | 1.844 | 2.131 | 3.375 | 1.753 | 3.784 | 56.58 | 55.017 | 55.202 | 54.842 | 56.480 | 60.883 | 32.020 | 30.420 |
| 10/19/2025 15:30 | 1.637 | 1.781 | 2.070 | 3.370 | 1.694 | 3.787 | 56.58 | 55.017 | 55.400 | 55.017 | 56.516 | 60.883 | 32.080 | 30.530 |
| 10/19/2025 15:45 | 1.579 | 1.732 | 2.026 | 3.356 | 1.643 | 3.793 | 56.75 | 55.017 | 55.670 | 55.189 | 56.534 | 61.054 | 31.490 | 30.630 |
| 10/19/2025 16:00 | 1.534 | 1.697 | 1.981 | 3.352 | 1.593 | 3.779 | 56.75 | 55.189 | 56.120 | 55.364 | 56.588 | 61.054 | 31.560 | 30.690 |
| 10/19/2025 16:15 | 1.490 | 1.666 | 1.934 | 3.365 | 1.532 | 3.787 | 56.75 | 55.189 | 56.588 | 55.537 | 56.642 | 61.227 | 31.650 | 30.730 |
| 10/19/2025 16:30 | 1.450 | 1.635 | 1.903 | 3.349 | 1.494 | 3.791 | 56.92 | 55.364 | 56.966 | 55.711 | 56.678 | 61.227 | 31.910 | 30.780 |
| 10/19/2025 16:45 | 1.415 | 1.604 | 1.859 | 3.346 | 1.466 | 3.790 | 56.92 | 55.364 | 57.182 | 55.884 | 56.714 | 61.398 | 31.510 | 30.710 |
| 10/19/2025 17:00 | 1.382 | 1.588 | 1.842 | 3.344 | 1.433 | 3.794 | 57.10 | 55.537 | 57.290 | 55.884 | 56.732 | 61.398 | 31.340 | 30.600 |
| 10/19/2025 17:15 | 1.355 | 1.572 | 1.814 | 3.341 | 1.404 | 3.793 | 57.10 | 55.537 | 57.344 | 56.057 | 56.750 | 61.398 | 31.460 | 30.540 |
| 10/19/2025 17:30 | 1.330 | 1.556 | 1.796 | 3.340 | 1.375 | 3.793 | 57.10 | 55.711 | 57.326 | 56.057 | 56.750 | 61.398 | 31.730 | 30.470 |
| 10/19/2025 17:45 | 1.296 | 1.547 | 1.781 | 3.330 | 1.344 | 3.796 | 57.10 | 55.711 | 57.272 | 56.057 | 56.732 | 61.398 | 31.670 | 30.290 |
| 10/19/2025 18:00 | 1.274 | 1.533 | 1.757 | 3.324 | 1.323 | 3.798 | 57.10 | 55.711 | 57.182 | 56.057 | 56.696 | 61.398 | 31.200 | 30.010 |
| 10/19/2025 18:15 | 1.259 | 1.519 | 1.741 | 3.317 | 1.306 | 3.803 | 56.92 | 55.884 | 57.020 | 56.057 | 56.642 | 61.398 | 31.060 | 29.810 |
| 10/19/2025 18:30 | 1.239 | 1.511 | 1.736 | 3.313 | 1.281 | 3.800 | 56.92 | 55.884 | 56.858 | 56.057 | 56.606 | 61.398 | 30.680 | 29.640 |
| 10/19/2025 18:45 | 1.223 | 1.507 | 1.724 | 3.306 | 1.275 | 3.803 | 56.92 | 55.884 | 56.678 | 56.057 | 56.570 | 61.398 | 30.920 | 29.460 |
| 10/19/2025 19:00 | 1.204 | 1.496 | 1.724 | 3.298 | 1.258 | 3.803 | 56.92 | 55.884 | 56.498 | 56.057 | 56.534 | 61.227 | 30.500 | 29.210 |
| 10/19/2025 19:15 | 1.194 | 1.495 | 1.717 | 3.296 | 1.266 | 3.796 | 56.92 | 55.884 | 56.318 | 56.057 | 56.534 | 61.227 | 30.770 | 29.340 |
| 10/19/2025 19:30 | 1.182 | 1.482 | 1.725 | 3.291 | 1.273 | 3.805 | 56.92 | 55.884 | 56.156 | 56.057 | 56.516 | 61.227 | 30.270 | 24.810 |
| 10/19/2025 19:45 | 1.169 | 1.482 | 1.722 | 3.287 | 1.241 | 3.799 | 56.75 | 55.884 | 55.976 | 55.884 | 56.480 | 61.054 | 30.380 | 29.130 |
| 10/19/2025 20:00 | 1.153 | 1.463 | 1.707 | 3.271 | 1.223 | 3.814 | 56.75 | 55.884 | 55.814 | 55.884 | 56.444 | 61.054 | 30.190 | 29.050 |
| 10/19/2025 20:15 | 1.157 | 1.460 | 1.679 | 3.271 | 1.205 | 3.792 | 56.75 | 56.057 | 55.670 | 55.884 | 56.408 | 60.883 | 30.400 | 26.150 |
| 10/19/2025 20:30 | 1.220 | 1.464 | 1.681 | 3.279 | 1.215 | 3.800 | 56.75 | 56.057 | 55.526 | 55.884 | 56.372 | 60.883 | 30.490 | 30.930 |
| 10/19/2025 20:45 | 1.348 | 1.450 | 1.671 | 3.269 | 1.316 | 3.804 | 56.75 | 56.057 | 55.382 | 55.711 | 56.336 | 60.883 | 30.570 | 25.020 |
| 10/19/2025 21:00 | 1.558 | 1.519 | 1.671 | 3.265 | 1.499 | 3.791 | 56.75 | 55.884 | 55.256 | 55.711 | 56.282 | 60.883 | 30.410 | 27.460 |
| 10/19/2025 21:15 | 1.824 | 1.710 | 1.699 | 3.256 | 1.738 | 3.801 | 56.58 | 55.884 | 55.166 | 55.711 | 56.174 | 60.712 | 30.210 | 27.810 |
| 10/19/2025 21:30 | 2.266 | 2.078 | 1.885 | 3.252 | 2.097 | 3.800 | 56.40 | 55.884 | 55.094 | 55.537 | 55.814 | 60.712 | 29.890 | 27.720 |
| 10/19/2025 21:45 | 2.743 | 2.581 | 2.267 | 3.260 | 2.614 | 3.789 | 55.88 | 55.884 | 54.968 | 55.537 | 55.436 | 60.712 | 31.870 | 26.710 |
| 10/19/2025 22:00 | 3.240 | 3.087 | 2.784 | 3.253 | 3.117 | 3.793 | 55.71 | 55.884 | 54.878 | 55.537 | 55.310 | 60.539 | 32.570 | 26.560 |
| 10/19/2025 22:15 | 3.712 | 3.514 | 3.307 | 3.424 | 3.500 | 3.800 | 55.71 | 55.711 | 55.022 | 55.364 | 55.310 | 60.539 | 32.920 | 23.760 |
| 10/19/2025 22:30 | 3.980 | 3.806 | 3.732 | 3.734 | 3.760 | 3.797 | 55.71 | 55.537 | 55.238 | 55.364 | 55.310 | 60.539 | 32.950 | 26.510 |
| 10/19/2025 22:45 | 4.190 | 4.052 | 3.983 | 3.943 | 4.011 | 3.797 | 55.71 | 55.537 | 55.346 | 55.364 | 55.274 | 60.539 | 32.920 | 26.500 |
| 10/19/2025 23:00 | 4.323 | 4.205 | 4.227 | 4.056 | 4.140 | 3.800 | 55.54 | 55.537 | 55.310 | 55.364 | 55.274 | 60.368 | 33.250 | 26.600 |
| 10/19/2025 23:15 | 4.296 | 4.255 | 4.362 | 4.145 | 4.197 | 3.804 | 55.54 | 55.537 | 55.238 | 55.364 | 55.274 | 60.368 | 32.990 | 26.870 |
| 10/19/2025 23:30 | 4.229 | 4.252 | 4.402 | 4.184 | 4.188 | 3.808 | 55.54 | 55.537 | 55.184 | 55.364 | 55.256 | 60.368 | 33.040 | 27.040 |
| 10/19/2025 23:45 | 4.156 | 4.243 | 4.434 | 4.230 | 4.182 | 3.793 | 55.54 | 55.364 | 55.166 | 55.364 | 55.256 | 60.368 | 33.010 | 27.260 |
| 10/20/2025 0:00 | 4.026 | 4.127 | 4.437 | 4.238 | 4.039 | 3.803 | 55.54 | 55.364 | 55.148 | 55.364 | 55.238 | 60.368 | 32.920 | 27.530 |
| 10/20/2025 0:15 | 3.837 | 3.978 | 4.341 | 4.212 | 3.877 | 3.796 | 55.54 | 55.364 | 55.130 | 55.364 | 55.202 | 60.368 | 32.990 | 27.740 |
| 10/20/2025 0:30 | 3.608 | 3.790 | 4.208 | 4.169 | 3.681 | 3.793 | 55.54 | 55.364 | 55.130 | 55.364 | 55.112 | 60.368 | 33.160 | 27.900 |
| 10/20/2025 0:45 | 3.332 | 3.564 | 4.046 | 4.100 | 3.399 | 3.788 | 55.36 | 55.364 | 55.112 | 55.364 | 55.004 | 60.195 | 32.980 | 28.090 |
| 10/20/2025 1:00 | 3.081 | 3.317 | 3.791 | 4.013 | 3.153 | 3.793 | 55.36 | 55.364 | 55.076 | 55.364 | 54.968 | 60.195 | 32.950 | 28.310 |
| 10/20/2025 1:15 | 2.838 | 3.070 | 3.554 | 3.875 | 2.913 | 3.803 | 55.36 | 55.364 | 55.004 | 55.364 | 54.914 | 60.195 | 32.750 | 28.530 |
| 10/20/2025 1:30 | 2.648 | 2.862 | 3.320 | 3.735 | 2.706 | 3.791 | 55.19 | 55.364 | 54.932 | 55.364 | 54.896 | 60.195 | 32.630 | 28.690 |
| 10/20/2025 1:45 | 2.462 | 2.654 | 3.085 | 3.591 | 2.545 | 3.799 | 55.19 | 55.364 | 54.824 | 55.364 | 54.878 | 60.195 | 32.480 | 27.780 |
| 10/20/2025 2:00 | 2.320 | 2.493 | 2.897 | 3.513 | 2.383 | 3.797 | 55.36 | 55.364 | 54.716 | 55.364 | 54.842 | 60.195 | 32.400 | 29.000 |
| 10/20/2025 2:15 | 2.185 | 2.347 | 2.733 | 3.467 | 2.252 | 3.794 | 55.36 | 55.189 | 54.608 | 55.364 | 54.788 | 60.195 | 32.180 | 29.160 |
| 10/20/2025 2:30 | 2.067 | 2.217 | 2.582 | 3.416 | 2.127 | 3.794 | 55.36 | 55.189 | 54.518 | 55.364 | 54.734 | 60.195 | 32.010 | 29.280 |
| 10/20/2025 2:45 | 1.975 | 2.113 | 2.455 | 3.407 | 2.018 | 3.783 | 55.19 | 55.189 | 54.428 | 55.189 | 54.680 | 60.195 | 31.700 | 29.420 |
| 10/20/2025 3:00 | 1.880 | 2.021 | 2.343 | 3.395 | 1.933 | 3.787 | 55.19 | 55.189 | 54.338 | 55.189 | 54.662 | 60.195 | 31.700 | 29.520 |
| 10/20/2025 3:15 | 1.801 | 1.936 | 2.249 | 3.383 | 1.843 | 3.795 | 55.19 | 55.189 | 54.266 | 55.189 | 54.626 | 60.195 | 31.650 | 29.620 |
| 10/20/2025 3:30 | 1.734 | 1.871 | 2.160 | 3.376 | 1.759 | 3.799 | 55.36 | 55.017 | 54.212 | 55.189 | 54.626 | 60.195 | 31.530 | 29.690 |
| 10/20/2025 3:45 | 1.662 | 1.813 | 2.095 | 3.371 | 1.691 | 3.799 | 55.36 | 55.017 | 54.176 | 55.189 | 54.608 | 60.195 | 31.410 | 29.780 |
| 10/20/2025 4:00 | 1.606 | 1.759 | 2.019 | 3.363 | 1.639 | 3.802 | 55.36 | 55.017 | 54.158 | 55.189 | 54.608 | 60.195 | 31.430 | 29.860 |
| 10/20/2025 4:15 | 1.555 | 1.716 | 1.974 | 3.367 | 1.590 | 3.799 | 55.36 | 55.017 | 54.086 | 55.189 | 54.608 | 60.195 | 31.480 | 30.020 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/20/2025 4:30 | 1.502 | 1.668 | 1.930 | 3.353 | 1.561 | 3.807 | 55.36 | 54.842 | 54.050 | 55.189 | 54.626 | 60.368 | 31.330 | 30.110 |
| 10/20/2025 4:45 | 1.461 | 1.636 | 1.912 | 3.352 | 1.527 | 3.794 | 55.36 | 54.842 | 54.014 | 55.189 | 54.644 | 60.368 | 31.340 | 30.040 |
| 10/20/2025 5:00 | 1.421 | 1.613 | 1.883 | 3.343 | 1.473 | 3.792 | 55.36 | 54.842 | 54.014 | 55.189 | 54.662 | 60.368 | 31.200 | 29.920 |
| 10/20/2025 5:15 | 1.390 | 1.595 | 1.857 | 3.340 | 1.450 | 3.800 | 55.36 | 54.842 | 54.014 | 55.189 | 54.680 | 60.368 | 31.120 | 29.840 |
| 10/20/2025 5:30 | 1.363 | 1.573 | 1.836 | 3.337 | 1.424 | 3.797 | 55.36 | 54.842 | 54.032 | 55.189 | 54.680 | 60.368 | 31.210 | 29.770 |
| 10/20/2025 5:45 | 1.335 | 1.561 | 1.812 | 3.337 | 1.394 | 3.802 | 55.36 | 54.842 | 54.032 | 55.189 | 54.698 | 60.368 | 31.230 | 29.720 |
| 10/20/2025 6:00 | 1.298 | 1.545 | 1.802 | 3.328 | 1.369 | 3.806 | 55.19 | 54.842 | 54.050 | 55.189 | 54.698 | 60.368 | 31.200 | 29.550 |
| 10/20/2025 6:15 | 1.280 | 1.543 | 1.779 | 3.330 | 1.344 | 3.805 | 55.19 | 54.842 | 54.068 | 55.189 | 54.716 | 60.368 | 31.080 | 29.240 |
| 10/20/2025 6:30 | 1.247 | 1.526 | 1.774 | 3.313 | 1.334 | 3.797 | 55.19 | 54.842 | 54.086 | 55.189 | 54.716 | 60.368 | 31.100 | 28.890 |
| 10/20/2025 6:45 | 1.231 | 1.523 | 1.770 | 3.310 | 1.310 | 3.800 | 55.19 | 54.842 | 54.104 | 55.189 | 54.716 | 60.368 | 31.100 | 28.720 |
| 10/20/2025 7:00 | 1.211 | 1.503 | 1.754 | 3.302 | 1.290 | 3.807 | 55.19 | 54.842 | 54.140 | 55.189 | 54.716 | 60.368 | 31.150 | 28.580 |
| 10/20/2025 7:15 | 1.199 | 1.504 | 1.737 | 3.298 | 1.260 | 3.800 | 55.19 | 54.842 | 54.158 | 55.189 | 54.716 | 60.368 | 31.260 | 28.470 |
| 10/20/2025 7:30 | 1.183 | 1.492 | 1.718 | 3.293 | 1.242 | 3.801 | 55.19 | 54.842 | 54.194 | 55.189 | 54.716 | 60.368 | 31.140 | 28.400 |
| 10/20/2025 7:45 | 1.173 | 1.490 | 1.709 | 3.288 | 1.230 | 3.801 | 55.19 | 54.842 | 54.212 | 55.189 | 54.734 | 60.368 | 31.260 | 28.320 |
| 10/20/2025 8:00 | 1.154 | 1.482 | 1.702 | 3.277 | 1.231 | 3.799 | 55.36 | 54.842 | 54.248 | 55.364 | 54.734 | 60.368 | 31.100 | 28.210 |
| 10/20/2025 8:15 | 1.150 | 1.471 | 1.697 | 3.277 | 1.219 | 3.803 | 55.36 | 54.842 | 54.266 | 55.364 | 54.752 | 60.368 | 31.150 | 28.000 |
| 10/20/2025 8:30 | 1.208 | 1.466 | 1.688 | 3.276 | 1.251 | 3.799 | 55.36 | 54.842 | 54.302 | 55.364 | 54.788 | 60.368 | 31.110 | 27.770 |
| 10/20/2025 8:45 | 1.334 | 1.466 | 1.700 | 3.272 | 1.321 | 3.813 | 55.36 | 54.842 | 54.338 | 55.364 | 54.806 | 60.368 | 31.060 | 26.650 |
| 10/20/2025 9:00 | 1.544 | 1.516 | 1.680 | 3.269 | 1.504 | 3.805 | 55.36 | 54.842 | 54.374 | 55.364 | 54.842 | 60.368 | 30.870 | 26.470 |
| 10/20/2025 9:15 | 1.907 | 1.727 | 1.712 | 3.265 | 1.777 | 3.810 | 55.36 | 54.842 | 54.410 | 55.364 | 54.896 | 60.368 | 30.510 | 26.450 |
| 10/20/2025 9:30 | 2.415 | 2.193 | 1.888 | 3.268 | 2.250 | 3.802 | 55.54 | 54.842 | 54.464 | 55.364 | 55.094 | 60.368 | 30.720 | 27.200 |
| 10/20/2025 9:45 | 3.069 | 2.787 | 2.379 | 3.263 | 2.824 | 3.799 | 55.36 | 54.842 | 54.500 | 55.364 | 55.238 | 60.368 | 32.120 | 26.270 |
| 10/20/2025 10:00 | 3.540 | 3.371 | 2.998 | 3.280 | 3.401 | 3.808 | 55.36 | 54.842 | 54.500 | 55.537 | 55.220 | 60.368 | 32.780 | 26.140 |
| 10/20/2025 10:15 | 4.091 | 3.773 | 3.581 | 3.635 | 3.765 | 3.802 | 55.36 | 55.017 | 54.536 | 55.537 | 55.184 | 60.368 | 33.010 | 26.090 |
| 10/20/2025 10:30 | 4.446 | 4.110 | 3.979 | 3.917 | 4.102 | 3.848 | 55.36 | 55.017 | 54.626 | 55.537 | 55.166 | 60.368 | 33.000 | 26.100 |
| 10/20/2025 10:45 | 4.685 | 4.311 | 4.291 | 4.062 | 4.348 | 3.866 | 55.36 | 55.017 | 54.734 | 55.537 | 55.166 | 60.368 | 33.280 | 26.220 |
| 10/20/2025 11:00 | 4.797 | 4.447 | 4.497 | 4.176 | 4.473 | 3.857 | 55.36 | 55.017 | 54.806 | 55.537 | 55.184 | 60.368 | 32.890 | 26.430 |
| 10/20/2025 11:15 | 4.891 | 4.543 | 4.596 | 4.250 | 4.588 | 3.913 | 55.36 | 55.017 | 54.860 | 55.537 | 55.184 | 60.539 | 32.990 | 26.610 |
| 10/20/2025 11:30 | 4.981 | 4.623 | 4.707 | 4.311 | 4.650 | 4.023 | 55.36 | 55.017 | 54.896 | 55.537 | 55.202 | 60.539 | 33.080 | 27.030 |
| 10/20/2025 11:45 | 4.901 | 4.684 | 4.779 | 4.361 | 4.713 | 4.087 | 55.36 | 55.017 | 54.932 | 55.537 | 55.220 | 61.054 | 32.890 | 27.680 |
| 10/20/2025 12:00 | 4.843 | 4.700 | 4.852 | 4.404 | 4.724 | 4.154 | 55.54 | 55.017 | 54.968 | 55.537 | 55.238 | 61.227 | 32.880 | 28.640 |
| 10/20/2025 12:15 | 4.693 | 4.698 | 4.881 | 4.444 | 4.690 | 4.208 | 55.36 | 55.189 | 55.004 | 55.537 | 55.256 | 61.227 | 32.870 | 29.260 |
| 10/20/2025 12:30 | 4.550 | 4.639 | 4.896 | 4.470 | 4.614 | 4.185 | 55.54 | 55.189 | 55.058 | 55.537 | 55.274 | 61.227 | 32.810 | 29.900 |
| 10/20/2025 12:45 | 4.399 | 4.519 | 4.865 | 4.494 | 4.456 | 4.125 | 55.54 | 55.189 | 55.094 | 55.711 | 55.310 | 61.054 | 32.760 | 30.260 |
| 10/20/2025 13:00 | 4.158 | 4.359 | 4.756 | 4.487 | 4.264 | 4.074 | 55.54 | 55.189 | 55.148 | 55.711 | 55.364 | 60.883 | 32.780 | 30.410 |
| 10/20/2025 13:15 | 3.940 | 4.190 | 4.608 | 4.471 | 4.044 | 4.032 | 55.54 | 55.189 | 55.184 | 55.711 | 55.454 | 60.883 | 32.920 | 30.460 |
| 10/20/2025 13:30 | 3.707 | 3.999 | 4.427 | 4.425 | 3.820 | 4.130 | 55.54 | 55.364 | 55.202 | 55.711 | 55.580 | 60.712 | 32.350 | 30.560 |
| 10/20/2025 13:45 | 3.475 | 3.791 | 4.248 | 4.378 | 3.579 | 4.219 | 55.71 | 55.364 | 55.238 | 55.711 | 55.634 | 60.712 | 32.120 | 30.660 |
| 10/20/2025 14:00 | 3.244 | 3.574 | 4.040 | 4.341 | 3.377 | 4.267 | 55.71 | 55.364 | 55.328 | 55.711 | 55.706 | 60.712 | 31.590 | 30.720 |
| 10/20/2025 14:15 | 3.045 | 3.408 | 3.889 | 4.305 | 3.182 | 4.304 | 55.71 | 55.537 | 55.418 | 55.711 | 55.796 | 60.539 | 31.530 | 30.810 |
| 10/20/2025 14:30 | 2.865 | 3.229 | 3.734 | 4.271 | 2.999 | 4.412 | 55.88 | 55.537 | 55.508 | 55.711 | 55.904 | 60.368 | 31.320 | 30.840 |
| 10/20/2025 14:45 | 2.722 | 3.117 | 3.550 | 4.239 | 2.866 | 4.457 | 55.88 | 55.537 | 55.598 | 55.711 | 55.994 | 60.368 | 30.660 | 30.850 |
| 10/20/2025 15:00 | 2.604 | 3.002 | 3.479 | 4.220 | 2.710 | 4.532 | 55.88 | 55.537 | 55.688 | 55.711 | 56.048 | 60.195 | 30.120 | 30.870 |
| 10/20/2025 15:15 | 2.477 | 2.867 | 3.306 | 4.185 | 2.579 | 4.570 | 56.06 | 55.537 | 55.760 | 55.884 | 56.102 | 60.195 | 29.530 | 30.850 |
| 10/20/2025 15:30 | 2.357 | 2.755 | 3.177 | 4.150 | 2.466 | 4.529 | 56.06 | 55.537 | 55.814 | 55.884 | 56.156 | 60.195 | 29.120 | 31.030 |
| 10/20/2025 15:45 | 2.267 | 2.659 | 3.058 | 4.118 | 2.379 | 4.467 | 56.06 | 55.537 | 55.868 | 55.884 | 56.174 | 60.195 | 29.050 | 31.070 |
| 10/20/2025 16:00 | 2.170 | 2.573 | 2.979 | 4.085 | 2.294 | 4.360 | 56.06 | 55.537 | 55.922 | 55.884 | 56.174 | 60.024 | 28.820 | 31.160 |
| 10/20/2025 16:15 | 2.101 | 2.496 | 2.891 | 4.038 | 2.216 | 4.281 | 56.06 | 55.711 | 55.976 | 55.884 | 56.174 | 60.024 | 28.670 | 31.180 |
| 10/20/2025 16:30 | 2.047 | 2.447 | 2.812 | 4.008 | 2.156 | 4.226 | 56.06 | 55.711 | 56.012 | 55.884 | 56.174 | 60.024 | 28.450 | 31.220 |
| 10/20/2025 16:45 | 1.996 | 2.394 | 2.757 | 3.970 | 2.106 | 4.209 | 56.06 | 55.711 | 56.048 | 56.057 | 56.192 | 60.024 | 28.140 | 31.220 |
| 10/20/2025 17:00 | 1.948 | 2.366 | 2.706 | 3.938 | 2.055 | 4.202 | 56.06 | 55.711 | 56.084 | 56.057 | 56.192 | 59.851 | 28.290 | 31.180 |
| 10/20/2025 17:15 | 1.915 | 2.322 | 2.663 | 3.906 | 2.001 | 4.219 | 56.06 | 55.711 | 56.084 | 56.057 | 56.192 | 59.851 | 28.040 | 31.010 |
| 10/20/2025 17:30 | 1.868 | 2.291 | 2.622 | 3.866 | 1.968 | 4.189 | 56.23 | 55.711 | 56.102 | 56.057 | 56.210 | 59.851 | 27.750 | 27.890 |
| 10/20/2025 17:45 | 1.836 | 2.272 | 2.592 | 3.827 | 1.928 | 4.148 | 56.23 | 55.711 | 56.102 | 56.057 | 56.210 | 59.851 | 27.440 | 24.710 |
| 10/20/2025 18:00 | 1.798 | 2.246 | 2.568 | 3.791 | 1.901 | 4.126 | 56.23 | 55.711 | 56.102 | 56.230 | 56.192 | 59.851 | 27.220 | 22.680 |
| 10/20/2025 18:15 | 1.771 | 2.247 | 2.549 | 3.753 | 1.880 | 4.110 | 56.23 | 55.711 | 56.102 | 56.230 | 56.174 | 59.851 | 27.020 | 20.050 |
| 10/20/2025 18:30 | 1.736 | 2.240 | 2.557 | 3.711 | 1.856 | 4.099 | 56.23 | 55.711 | 56.084 | 56.230 | 56.156 | 59.851 | 26.610 | 17.180 |
| 10/20/2025 18:45 | 1.702 | 2.226 | 2.539 | 3.681 | 1.843 | 4.085 | 56.23 | 55.884 | 56.048 | 56.230 | 56.120 | 59.851 | 25.510 | 15.540 |
| 10/20/2025 19:00 | 1.677 | 2.225 | 2.554 | 3.656 | 1.818 | 4.078 | 56.23 | 55.884 | 56.030 | 56.230 | 56.084 | 59.851 | 25.000 | 15.190 |
| 10/20/2025 19:15 | 1.657 | 2.213 | 2.541 | 3.637 | 1.784 | 4.073 | 56.23 | 55.884 | 55.994 | 56.230 | 56.048 | 59.851 | 24.490 | 14.150 |
| 10/20/2025 19:30 | 1.630 | 2.202 | 2.533 | 3.621 | 1.776 | 4.070 | 56.23 | 55.884 | 55.958 | 56.230 | 56.012 | 59.851 | 24.180 | 13.500 |
| 10/20/2025 19:45 | 1.609 | 2.199 | 2.512 | 3.610 | 1.751 | 4.063 | 56.06 | 55.884 | 55.922 | 56.230 | 55.976 | 59.851 | 23.770 | 13.030 |
| 10/20/2025 20:00 | 1.579 | 2.177 | 2.507 | 3.584 | 1.731 | 4.067 | 56.06 | 55.884 | 55.886 | 56.230 | 55.940 | 59.680 | 23.330 | 12.690 |
| 10/20/2025 20:15 | 1.560 | 2.162 | 2.487 | 3.581 | 1.698 | 4.049 | 56.06 | 55.884 | 55.832 | 56.230 | 55.886 | 59.680 | 22.670 | 12.480 |
| 10/20/2025 20:30 | 1.545 | 2.147 | 2.474 | 3.577 | 1.693 | 4.057 | 56.06 | 55.884 | 55.796 | 56.230 | 55.850 | 59.680 | 22.590 | 12.260 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/20/2025 20:45 | 1.525 | 2.135 | 2.451 | 3.574 | 1.669 | 4.054 | 56.06 | 55.884 | 55.742 | 56.230 | 55.796 | 59.680 | 22.310 | 11.790 |
| 10/20/2025 21:00 | 1.531 | 2.111 | 2.415 | 3.556 | 1.662 | 4.058 | 56.06 | 55.884 | 55.688 | 56.230 | 55.742 | 59.680 | 21.640 | 11.320 |
| 10/20/2025 21:15 | 1.712 | 2.095 | 2.414 | 3.548 | 1.758 | 4.048 | 56.06 | 55.711 | 55.634 | 56.230 | 55.688 | 59.680 | 18.720 | 9.230 |
| 10/20/2025 21:30 | 1.815 | 2.126 | 2.406 | 3.536 | 1.933 | 4.041 | 56.06 | 55.711 | 55.580 | 56.230 | 55.634 | 59.680 | 17.640 | 10.260 |
| 10/20/2025 21:45 | 2.095 | 2.267 | 2.408 | 3.525 | 2.149 | 4.041 | 56.06 | 55.711 | 55.508 | 56.230 | 55.580 | 59.680 | 16.340 | 9.030 |
| 10/20/2025 22:00 | 2.533 | 2.613 | 2.503 | 3.526 | 2.579 | 4.030 | 55.88 | 55.711 | 55.436 | 56.230 | 55.544 | 59.680 | 16.930 | 10.240 |
| 10/20/2025 22:15 | 3.015 | 3.044 | 2.810 | 3.523 | 3.039 | 4.031 | 55.71 | 55.711 | 55.382 | 56.230 | 55.400 | 59.680 | 26.320 | 10.040 |
| 10/20/2025 22:30 | 3.435 | 3.418 | 3.248 | 3.610 | 3.400 | 4.035 | 55.54 | 55.711 | 55.310 | 56.230 | 55.238 | 59.680 | 29.650 | 9.800 |
| 10/20/2025 22:45 | 3.840 | 3.711 | 3.606 | 3.825 | 3.696 | 4.030 | 55.54 | 55.711 | 55.274 | 56.230 | 55.220 | 59.680 | 30.740 | 9.590 |
| 10/20/2025 23:00 | 4.210 | 3.997 | 3.887 | 3.990 | 3.963 | 4.032 | 55.54 | 55.537 | 55.238 | 56.230 | 55.166 | 59.680 | 31.290 | 9.320 |
| 10/20/2025 23:15 | 4.295 | 4.184 | 4.154 | 4.105 | 4.143 | 4.026 | 55.54 | 55.537 | 55.202 | 56.230 | 55.148 | 59.680 | 31.610 | 9.020 |
| 10/20/2025 23:30 | 4.457 | 4.280 | 4.347 | 4.167 | 4.250 | 4.021 | 55.36 | 55.364 | 55.238 | 56.057 | 55.130 | 59.680 | 31.980 | 9.840 |
| 10/20/2025 23:45 | 4.472 | 4.383 | 4.444 | 4.240 | 4.326 | 4.025 | 55.36 | 55.364 | 55.292 | 56.057 | 55.094 | 59.680 | 32.320 | 10.000 |
| 10/21/2025 0:00 | 4.507 | 4.402 | 4.545 | 4.290 | 4.363 | 4.028 | 55.36 | 55.364 | 55.292 | 56.057 | 55.094 | 59.680 | 32.070 | 16.040 |
| 10/21/2025 0:15 | 4.345 | 4.440 | 4.565 | 4.332 | 4.369 | 4.013 | 55.36 | 55.364 | 55.274 | 56.057 | 55.094 | 59.680 | 32.120 | 19.250 |
| 10/21/2025 0:30 | 4.297 | 4.366 | 4.616 | 4.373 | 4.274 | 4.020 | 55.54 | 55.364 | 55.256 | 55.884 | 55.112 | 59.680 | 32.140 | 21.130 |
| 10/21/2025 0:45 | 4.087 | 4.239 | 4.568 | 4.380 | 4.136 | 4.023 | 55.54 | 55.364 | 55.220 | 55.884 | 55.094 | 59.680 | 32.070 | 22.700 |
| 10/21/2025 1:00 | 3.890 | 4.089 | 4.457 | 4.357 | 3.966 | 4.026 | 55.54 | 55.364 | 55.202 | 55.884 | 55.040 | 59.680 | 31.800 | 23.700 |
| 10/21/2025 1:15 | 3.697 | 3.917 | 4.321 | 4.323 | 3.757 | 4.022 | 55.54 | 55.364 | 55.184 | 55.884 | 55.040 | 59.680 | 31.240 | 24.560 |
| 10/21/2025 1:30 | 3.380 | 3.660 | 4.155 | 4.284 | 3.495 | 4.024 | 55.54 | 55.364 | 55.112 | 55.884 | 55.004 | 59.680 | 30.170 | 24.900 |
| 10/21/2025 1:45 | 3.122 | 3.405 | 3.925 | 4.232 | 3.218 | 4.023 | 55.54 | 55.364 | 55.040 | 55.884 | 54.950 | 59.680 | 29.740 | 25.150 |
| 10/21/2025 2:00 | 2.882 | 3.180 | 3.686 | 4.180 | 2.965 | 4.019 | 55.36 | 55.364 | 54.950 | 55.884 | 54.878 | 59.680 | 28.920 | 25.470 |
| 10/21/2025 2:15 | 2.685 | 2.988 | 3.454 | 4.121 | 2.756 | 4.036 | 55.36 | 55.364 | 54.824 | 55.884 | 54.788 | 59.680 | 27.930 | 25.820 |
| 10/21/2025 2:30 | 2.516 | 2.820 | 3.261 | 4.060 | 2.570 | 4.028 | 55.36 | 55.364 | 54.680 | 55.884 | 54.698 | 59.680 | 26.850 | 26.130 |
| 10/21/2025 2:45 | 2.361 | 2.666 | 3.088 | 3.989 | 2.422 | 4.044 | 55.36 | 55.364 | 54.518 | 55.884 | 54.608 | 59.680 | 26.270 | 26.410 |
| 10/21/2025 3:00 | 2.233 | 2.527 | 2.937 | 3.895 | 2.297 | 4.040 | 55.19 | 55.364 | 54.356 | 55.884 | 54.482 | 59.680 | 26.000 | 26.590 |
| 10/21/2025 3:15 | 2.122 | 2.408 | 2.795 | 3.810 | 2.176 | 4.038 | 55.19 | 55.189 | 54.212 | 55.884 | 54.338 | 59.680 | 25.900 | 26.800 |
| 10/21/2025 3:30 | 2.033 | 2.306 | 2.665 | 3.718 | 2.077 | 4.042 | 55.19 | 55.189 | 54.068 | 55.884 | 54.212 | 59.680 | 25.230 | 26.910 |
| 10/21/2025 3:45 | 1.954 | 2.209 | 2.549 | 3.651 | 1.997 | 4.043 | 55.36 | 55.189 | 53.942 | 55.884 | 54.122 | 59.680 | 23.160 | 26.910 |
| 10/21/2025 4:00 | 1.882 | 2.128 | 2.462 | 3.596 | 1.919 | 4.042 | 55.19 | 55.189 | 53.816 | 55.884 | 54.032 | 59.680 | 21.070 | 26.840 |
| 10/21/2025 4:15 | 1.816 | 2.053 | 2.373 | 3.559 | 1.855 | 4.046 | 55.19 | 55.189 | 53.744 | 55.884 | 53.942 | 59.680 | 17.160 | 26.680 |
| 10/21/2025 4:30 | 1.760 | 1.990 | 2.295 | 3.535 | 1.792 | 4.050 | 55.19 | 55.017 | 53.510 | 55.884 | 53.888 | 59.680 | 16.760 | 21.320 |
| 10/21/2025 4:45 | 1.702 | 1.937 | 2.229 | 3.524 | 1.722 | 4.042 | 55.19 | 55.017 | 53.510 | 55.884 | 53.834 | 59.680 | 16.310 | 13.900 |
| 10/21/2025 5:00 | 1.655 | 1.896 | 2.171 | 3.509 | 1.677 | 4.050 | 55.19 | 55.017 | 53.510 | 55.884 | 53.762 | 59.680 | 11.560 | 11.430 |
| 10/21/2025 5:15 | 1.600 | 1.854 | 2.129 | 3.493 | 1.643 | 4.047 | 55.02 | 54.842 | 53.528 | 55.711 | 53.744 | 59.680 | 11.110 | 10.540 |
| 10/21/2025 5:30 | 1.561 | 1.832 | 2.085 | 3.486 | 1.587 | 4.040 | 55.02 | 54.842 | 53.510 | 55.711 | 53.708 | 59.680 | 10.810 | 9.840 |
| 10/21/2025 5:45 | 1.519 | 1.810 | 2.061 | 3.476 | 1.559 | 4.047 | 55.02 | 54.842 | 53.492 | 55.711 | 53.654 | 59.508 | 9.410 | 9.430 |
| 10/21/2025 6:00 | 1.495 | 1.798 | 2.041 | 3.480 | 1.520 | 4.048 | 55.02 | 54.842 | 53.438 | 55.711 | 53.618 | 59.508 | 8.490 | 8.540 |
| 10/21/2025 6:15 | 1.460 | 1.776 | 2.013 | 3.473 | 1.476 | 4.045 | 54.84 | 54.669 | 53.402 | 55.711 | 53.600 | 59.508 | 8.440 | 9.320 |
| 10/21/2025 6:30 | 1.427 | 1.766 | 1.997 | 3.467 | 1.452 | 4.049 | 55.02 | 54.669 | 53.330 | 55.711 | 53.582 | 59.508 | 8.610 | 8.520 |
| 10/21/2025 6:45 | 1.410 | 1.765 | 1.981 | 3.470 | 1.428 | 4.043 | 54.84 | 54.669 | 53.276 | 55.711 | 53.546 | 59.508 | 8.780 | 7.720 |
| 10/21/2025 7:00 | 1.389 | 1.760 | 1.969 | 3.468 | 1.422 | 4.046 | 54.84 | 54.669 | 53.240 | 55.711 | 53.510 | 59.508 | 9.050 | 7.580 |
| 10/21/2025 7:15 | 1.356 | 1.744 | 1.971 | 3.464 | 1.388 | 4.044 | 54.84 | 54.669 | 53.168 | 55.711 | 53.492 | 59.508 | 9.520 | 8.060 |
| 10/21/2025 7:30 | 1.329 | 1.736 | 1.955 | 3.459 | 1.373 | 4.042 | 54.84 | 54.669 | 53.078 | 55.537 | 53.420 | 59.508 | 9.610 | 7.980 |
| 10/21/2025 7:45 | 1.316 | 1.739 | 1.933 | 3.450 | 1.350 | 4.031 | 54.84 | 54.495 | 53.024 | 55.537 | 53.384 | 59.508 | 10.010 | 8.160 |
| 10/21/2025 8:00 | 1.294 | 1.736 | 1.933 | 3.451 | 1.331 | 4.041 | 54.84 | 54.495 | 52.934 | 55.537 | 53.348 | 59.508 | 10.980 | 7.840 |
| 10/21/2025 8:15 | 1.274 | 1.715 | 1.923 | 3.443 | 1.330 | 4.049 | 54.84 | 54.495 | 52.862 | 55.537 | 53.312 | 59.508 | 11.760 | 7.800 |
| 10/21/2025 8:30 | 1.237 | 1.703 | 1.931 | 3.427 | 1.311 | 4.029 | 54.84 | 54.495 | 52.790 | 55.537 | 53.276 | 59.508 | 12.610 | 7.260 |
| 10/21/2025 8:45 | 1.235 | 1.701 | 1.920 | 3.428 | 1.301 | 4.024 | 54.84 | 54.495 | 52.718 | 55.537 | 53.240 | 59.508 | 13.460 | 7.710 |
| 10/21/2025 9:00 | 1.233 | 1.691 | 1.910 | 3.419 | 1.299 | 4.022 | 54.84 | 54.495 | 52.646 | 55.537 | 53.186 | 59.508 | 13.940 | 8.170 |
| 10/21/2025 9:15 | 1.324 | 1.691 | 1.910 | 3.423 | 1.354 | 4.013 | 54.84 | 54.322 | 52.610 | 55.537 | 53.132 | 59.508 | 13.920 | 8.120 |
| 10/21/2025 9:30 | 1.447 | 1.683 | 1.911 | 3.411 | 1.475 | 4.016 | 54.84 | 54.322 | 52.592 | 55.537 | 53.114 | 59.508 | 13.970 | 8.090 |
| 10/21/2025 9:45 | 1.724 | 1.803 | 1.912 | 3.403 | 1.717 | 4.005 | 54.84 | 54.322 | 52.646 | 55.364 | 53.132 | 59.508 | 14.030 | 8.060 |
| 10/21/2025 10:00 | 2.077 | 2.111 | 1.984 | 3.417 | 2.057 | 4.006 | 55.02 | 54.322 | 52.880 | 55.364 | 53.258 | 59.508 | 14.020 | 8.550 |
| 10/21/2025 10:15 | 2.568 | 2.511 | 2.293 | 3.414 | 2.483 | 4.022 | 55.02 | 54.322 | 52.970 | 55.364 | 54.032 | 59.508 | 20.860 | 8.510 |
| 10/21/2025 10:30 | 3.028 | 2.952 | 2.688 | 3.403 | 2.945 | 4.020 | 55.19 | 54.322 | 52.988 | 55.364 | 54.482 | 59.508 | 27.500 | 7.810 |
| 10/21/2025 10:45 | 3.529 | 3.381 | 3.138 | 3.483 | 3.351 | 4.005 | 55.36 | 54.147 | 53.024 | 55.364 | 54.752 | 59.508 | 30.190 | 8.080 |
| 10/21/2025 11:00 | 3.894 | 3.702 | 3.548 | 3.714 | 3.657 | 4.012 | 55.36 | 54.322 | 53.060 | 55.364 | 55.130 | 59.508 | 32.040 | 8.010 |
| 10/21/2025 11:15 | 4.195 | 3.983 | 3.838 | 3.908 | 3.946 | 4.006 | 55.36 | 54.495 | 53.078 | 55.364 | 55.292 | 59.508 | 32.360 | 8.030 |
| 10/21/2025 11:30 | 4.295 | 4.176 | 4.119 | 4.037 | 4.144 | 4.010 | 55.54 | 54.842 | 53.330 | 55.364 | 55.364 | 59.508 | 32.710 | 8.640 |
| 10/21/2025 11:45 | 4.443 | 4.273 | 4.327 | 4.127 | 4.228 | 4.006 | 55.54 | 54.842 | 53.708 | 55.364 | 55.508 | 59.508 | 32.860 | 12.600 |
| 10/21/2025 12:00 | 4.410 | 4.345 | 4.414 | 4.188 | 4.313 | 4.018 | 55.54 | 54.842 | 54.014 | 55.364 | 55.580 | 59.508 | 32.810 | 17.190 |
| 10/21/2025 12:15 | 4.320 | 4.353 | 4.501 | 4.232 | 4.303 | 4.009 | 55.71 | 55.017 | 54.284 | 55.537 | 55.616 | 59.508 | 32.780 | 21.180 |
| 10/21/2025 12:30 | 4.315 | 4.344 | 4.522 | 4.266 | 4.291 | 3.994 | 55.71 | 55.017 | 54.500 | 55.537 | 55.724 | 59.508 | 32.450 | 23.570 |
| 10/21/2025 12:45 | 4.172 | 4.256 | 4.533 | 4.289 | 4.185 | 4.001 | 55.71 | 55.189 | 54.680 | 55.711 | 55.796 | 59.508 | 32.440 | 25.120 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/21/2025 13:00 | 3.988 | 4.139 | 4.472 | 4.296 | 4.027 | 3.985 | 55.88 | 55.189 | 54.824 | 55.884 | 55.922 | 59.508 | 32.630 | 26.230 |
| 10/21/2025 13:15 | 3.720 | 3.939 | 4.354 | 4.269 | 3.817 | 4.002 | 55.88 | 55.364 | 54.932 | 55.884 | 56.174 | 59.508 | 33.030 | 27.010 |
| 10/21/2025 13:30 | 3.480 | 3.732 | 4.189 | 4.227 | 3.584 | 4.007 | 56.06 | 55.364 | 55.022 | 55.884 | 56.462 | 59.680 | 32.120 | 27.660 |
| 10/21/2025 13:45 | 3.196 | 3.479 | 3.975 | 4.169 | 3.305 | 4.008 | 56.23 | 55.537 | 55.310 | 56.057 | 56.804 | 59.680 | 31.560 | 28.250 |
| 10/21/2025 14:00 | 2.932 | 3.211 | 3.726 | 4.104 | 3.015 | 4.011 | 56.23 | 55.537 | 55.652 | 56.057 | 57.074 | 59.680 | 31.020 | 28.760 |
| 10/21/2025 14:15 | 2.705 | 2.979 | 3.456 | 4.013 | 2.772 | 4.008 | 56.40 | 55.711 | 56.120 | 56.230 | 57.398 | 59.680 | 30.370 | 28.750 |
| 10/21/2025 14:30 | 2.510 | 2.790 | 3.227 | 3.911 | 2.567 | 4.013 | 56.58 | 55.884 | 56.714 | 56.404 | 57.560 | 59.680 | 30.130 | 28.790 |
| 10/21/2025 14:45 | 2.343 | 2.592 | 3.014 | 3.777 | 2.385 | 4.012 | 56.75 | 55.884 | 57.236 | 56.404 | 57.740 | 59.680 | 29.490 | 28.940 |
| 10/21/2025 15:00 | 2.205 | 2.431 | 2.829 | 3.673 | 2.256 | 4.002 | 56.92 | 56.057 | 57.668 | 56.577 | 57.938 | 59.680 | 28.430 | 29.030 |
| 10/21/2025 15:15 | 2.077 | 2.290 | 2.677 | 3.581 | 2.135 | 4.012 | 57.10 | 56.057 | 57.866 | 56.577 | 58.118 | 59.680 | 26.990 | 28.230 |
| 10/21/2025 15:30 | 1.967 | 2.164 | 2.528 | 3.519 | 2.022 | 4.006 | 57.10 | 56.230 | 57.812 | 56.577 | 58.208 | 59.680 | 26.330 | 21.780 |
| 10/21/2025 15:45 | 1.870 | 2.057 | 2.403 | 3.474 | 1.921 | 3.995 | 57.27 | 56.230 | 57.668 | 56.750 | 58.244 | 59.680 | 25.310 | 20.230 |
| 10/21/2025 16:00 | 1.799 | 1.978 | 2.293 | 3.459 | 1.846 | 3.992 | 57.27 | 56.404 | 57.524 | 56.750 | 58.226 | 59.851 | 24.210 | 19.280 |
| 10/21/2025 16:15 | 1.723 | 1.907 | 2.210 | 3.446 | 1.773 | 4.001 | 57.44 | 56.404 | 57.416 | 56.750 | 58.172 | 59.851 | 23.590 | 18.660 |
| 10/21/2025 16:30 | 1.660 | 1.842 | 2.141 | 3.435 | 1.712 | 4.003 | 57.44 | 56.404 | 57.362 | 56.923 | 58.100 | 59.851 | 23.250 | 18.270 |
| 10/21/2025 16:45 | 1.604 | 1.803 | 2.088 | 3.430 | 1.656 | 4.002 | 57.44 | 56.577 | 57.362 | 56.923 | 58.010 | 59.851 | 22.970 | 18.010 |
| 10/21/2025 17:00 | 1.555 | 1.775 | 2.043 | 3.429 | 1.607 | 4.009 | 57.27 | 56.577 | 57.416 | 56.923 | 57.920 | 59.851 | 22.070 | 17.730 |
| 10/21/2025 17:15 | 1.516 | 1.738 | 1.994 | 3.426 | 1.563 | 4.011 | 57.27 | 56.577 | 57.506 | 56.923 | 57.830 | 59.851 | 22.420 | 17.250 |
| 10/21/2025 17:30 | 1.465 | 1.718 | 1.974 | 3.422 | 1.509 | 4.016 | 57.44 | 56.577 | 57.596 | 56.923 | 57.740 | 59.851 | 22.470 | 16.600 |
| 10/21/2025 17:45 | 1.426 | 1.703 | 1.937 | 3.426 | 1.488 | 4.016 | 57.44 | 56.577 | 57.632 | 56.923 | 57.668 | 60.024 | 21.380 | 16.160 |
| 10/21/2025 18:00 | 1.393 | 1.690 | 1.915 | 3.413 | 1.446 | 4.012 | 57.44 | 56.577 | 57.596 | 56.923 | 57.596 | 60.024 | 20.530 | 15.840 |
| 10/21/2025 18:15 | 1.364 | 1.682 | 1.917 | 3.420 | 1.423 | 4.015 | 57.27 | 56.577 | 57.524 | 56.923 | 57.542 | 60.024 | 20.640 | 15.610 |
| 10/21/2025 18:30 | 1.326 | 1.664 | 1.899 | 3.402 | 1.398 | 4.022 | 57.27 | 56.750 | 57.416 | 56.923 | 57.470 | 60.024 | 20.190 | 15.420 |
| 10/21/2025 18:45 | 1.304 | 1.666 | 1.908 | 3.408 | 1.380 | 4.022 | 57.27 | 56.750 | 57.290 | 56.923 | 57.398 | 60.024 | 20.330 | 15.240 |
| 10/21/2025 19:00 | 1.285 | 1.655 | 1.898 | 3.404 | 1.364 | 4.031 | 57.27 | 56.750 | 57.110 | 56.923 | 57.344 | 60.024 | 20.360 | 15.060 |
| 10/21/2025 19:15 | 1.254 | 1.648 | 1.884 | 3.400 | 1.340 | 4.027 | 57.27 | 56.750 | 56.912 | 56.750 | 57.254 | 60.024 | 20.780 | 14.880 |
| 10/21/2025 19:30 | 1.243 | 1.654 | 1.877 | 3.402 | 1.314 | 4.024 | 57.10 | 56.750 | 56.696 | 56.750 | 57.182 | 60.024 | 20.920 | 14.720 |
| 10/21/2025 19:45 | 1.220 | 1.638 | 1.868 | 3.390 | 1.299 | 4.037 | 57.10 | 56.750 | 56.462 | 56.750 | 57.110 | 60.024 | 21.150 | 14.600 |
| 10/21/2025 20:00 | 1.202 | 1.636 | 1.869 | 3.388 | 1.285 | 4.026 | 57.10 | 56.750 | 56.228 | 56.750 | 57.020 | 60.024 | 21.450 | 13.650 |
| 10/21/2025 20:15 | 1.197 | 1.643 | 1.857 | 3.394 | 1.277 | 4.024 | 57.10 | 56.750 | 55.994 | 56.577 | 56.948 | 60.024 | 21.840 | 14.390 |
| 10/21/2025 20:30 | 1.177 | 1.622 | 1.849 | 3.389 | 1.260 | 4.035 | 57.10 | 56.577 | 55.742 | 56.577 | 56.858 | 60.195 | 21.590 | 14.410 |
| 10/21/2025 20:45 | 1.161 | 1.630 | 1.845 | 3.385 | 1.252 | 4.022 | 57.10 | 56.577 | 55.490 | 56.577 | 56.768 | 60.195 | 21.830 | 11.830 |
| 10/21/2025 21:00 | 1.151 | 1.621 | 1.836 | 3.380 | 1.251 | 4.029 | 56.92 | 56.577 | 55.238 | 56.404 | 56.678 | 60.024 | 21.860 | 11.780 |
| 10/21/2025 21:15 | 1.141 | 1.623 | 1.838 | 3.382 | 1.249 | 4.028 | 56.92 | 56.577 | 54.986 | 56.404 | 56.570 | 60.024 | 21.790 | 11.720 |
| 10/21/2025 21:30 | 1.127 | 1.624 | 1.844 | 3.383 | 1.248 | 4.026 | 56.92 | 56.577 | 54.716 | 56.404 | 56.462 | 60.024 | 21.730 | 11.680 |
| 10/21/2025 21:45 | 1.117 | 1.613 | 1.837 | 3.368 | 1.259 | 4.027 | 56.92 | 56.404 | 54.464 | 56.230 | 56.354 | 60.024 | 21.700 | 11.800 |
| 10/21/2025 22:00 | 1.195 | 1.613 | 1.844 | 3.375 | 1.266 | 4.020 | 56.75 | 56.404 | 54.212 | 56.230 | 56.246 | 60.024 | 21.760 | 11.750 |
| 10/21/2025 22:15 | 1.290 | 1.613 | 1.840 | 3.372 | 1.319 | 4.020 | 56.75 | 56.404 | 53.978 | 56.230 | 56.174 | 60.024 | 21.850 | 12.960 |
| 10/21/2025 22:30 | 1.501 | 1.624 | 1.841 | 3.374 | 1.518 | 4.024 | 56.75 | 56.230 | 53.744 | 56.057 | 56.120 | 60.024 | 21.680 | 11.660 |
| 10/21/2025 22:45 | 1.774 | 1.763 | 1.858 | 3.378 | 1.718 | 4.034 | 56.75 | 56.230 | 53.528 | 56.057 | 55.922 | 60.024 | 21.460 | 11.450 |
| 10/21/2025 23:00 | 2.119 | 2.051 | 1.967 | 3.360 | 2.063 | 4.024 | 56.75 | 56.230 | 53.510 | 56.057 | 55.724 | 60.024 | 22.310 | 13.790 |
| 10/21/2025 23:15 | 2.565 | 2.465 | 2.269 | 3.360 | 2.469 | 4.014 | 55.54 | 56.057 | 53.330 | 55.884 | 55.112 | 60.024 | 28.810 | 13.770 |
| 10/21/2025 23:30 | 2.954 | 2.886 | 2.676 | 3.359 | 2.863 | 4.022 | 55.36 | 56.057 | 53.150 | 55.884 | 54.932 | 60.024 | 30.330 | 13.680 |
| 10/21/2025 23:45 | 3.290 | 3.254 | 3.085 | 3.381 | 3.239 | 4.032 | 55.36 | 55.884 | 53.042 | 55.711 | 54.842 | 60.024 | 31.380 | 13.560 |
| 10/22/2025 0:00 | 3.580 | 3.521 | 3.447 | 3.585 | 3.497 | 4.032 | 55.36 | 55.711 | 53.096 | 55.711 | 54.914 | 60.024 | 31.650 | 13.490 |
| 10/22/2025 0:15 | 3.677 | 3.699 | 3.710 | 3.764 | 3.648 | 4.030 | 55.36 | 55.364 | 53.276 | 55.537 | 54.824 | 60.024 | 32.210 | 13.460 |
| 10/22/2025 0:30 | 3.715 | 3.792 | 3.880 | 3.871 | 3.740 | 4.033 | 55.36 | 55.189 | 53.726 | 55.537 | 54.824 | 60.024 | 32.320 | 13.540 |
| 10/22/2025 0:45 | 3.687 | 3.792 | 3.994 | 3.928 | 3.707 | 4.027 | 55.36 | 55.189 | 54.122 | 55.364 | 54.860 | 60.024 | 32.310 | 13.870 |
| 10/22/2025 1:00 | 3.603 | 3.708 | 3.993 | 3.909 | 3.625 | 4.034 | 55.19 | 55.189 | 54.320 | 55.364 | 54.860 | 60.024 | 32.110 | 15.130 |
| 10/22/2025 1:15 | 3.424 | 3.584 | 3.920 | 3.838 | 3.472 | 4.031 | 55.19 | 55.364 | 54.410 | 55.364 | 54.770 | 60.024 | 32.310 | 17.200 |
| 10/22/2025 1:30 | 3.267 | 3.420 | 3.774 | 3.734 | 3.277 | 4.023 | 55.19 | 55.364 | 54.482 | 55.364 | 54.662 | 60.024 | 32.110 | 19.250 |
| 10/22/2025 1:45 | 3.063 | 3.203 | 3.591 | 3.599 | 3.076 | 4.028 | 55.19 | 55.364 | 54.500 | 55.189 | 54.518 | 60.024 | 31.800 | 20.310 |
| 10/22/2025 2:00 | 2.820 | 2.975 | 3.384 | 3.484 | 2.825 | 4.026 | 55.19 | 55.364 | 54.500 | 55.189 | 54.446 | 60.024 | 31.540 | 20.730 |
| 10/22/2025 2:15 | 2.607 | 2.756 | 3.156 | 3.427 | 2.635 | 4.035 | 55.19 | 55.364 | 54.428 | 55.189 | 54.356 | 60.024 | 31.130 | 21.210 |
| 10/22/2025 2:30 | 2.418 | 2.557 | 2.947 | 3.387 | 2.448 | 4.031 | 55.19 | 55.364 | 54.302 | 55.017 | 54.320 | 60.024 | 31.060 | 21.760 |
| 10/22/2025 2:45 | 2.265 | 2.394 | 2.759 | 3.377 | 2.295 | 4.024 | 55.02 | 55.364 | 54.140 | 55.017 | 54.284 | 60.024 | 30.940 | 22.290 |
| 10/22/2025 3:00 | 2.133 | 2.260 | 2.602 | 3.374 | 2.153 | 4.025 | 55.19 | 55.364 | 53.906 | 54.842 | 54.302 | 60.024 | 30.890 | 22.690 |
| 10/22/2025 3:15 | 2.025 | 2.149 | 2.464 | 3.370 | 2.042 | 4.026 | 55.02 | 55.364 | 53.654 | 54.842 | 54.338 | 59.851 | 31.000 | 23.090 |
| 10/22/2025 3:30 | 1.924 | 2.055 | 2.353 | 3.360 | 1.964 | 4.026 | 55.02 | 55.189 | 53.438 | 54.842 | 54.356 | 59.851 | 30.720 | 23.210 |
| 10/22/2025 3:45 | 1.834 | 1.963 | 2.265 | 3.356 | 1.880 | 4.028 | 55.02 | 55.189 | 53.150 | 54.842 | 54.374 | 59.851 | 30.670 | 22.650 |
| 10/22/2025 4:00 | 1.760 | 1.891 | 2.179 | 3.357 | 1.792 | 4.028 | 55.19 | 55.189 | 52.952 | 54.842 | 54.392 | 59.851 | 30.610 | 22.240 |
| 10/22/2025 4:15 | 1.685 | 1.818 | 2.108 | 3.344 | 1.722 | 4.032 | 55.19 | 55.189 | 52.700 | 54.669 | 54.392 | 59.851 | 30.620 | 21.810 |
| 10/22/2025 4:30 | 1.630 | 1.773 | 2.039 | 3.353 | 1.665 | 4.025 | 55.19 | 55.189 | 52.358 | 54.669 | 54.410 | 59.851 | 30.560 | 20.500 |
| 10/22/2025 4:45 | 1.567 | 1.722 | 1.985 | 3.352 | 1.609 | 4.030 | 55.36 | 55.189 | 51.926 | 54.669 | 54.410 | 59.851 | 30.550 | 14.490 |
| 10/22/2025 5:00 | 1.511 | 1.675 | 1.946 | 3.331 | 1.571 | 4.030 | 55.36 | 55.017 | 51.692 | 54.669 | 54.428 | 59.851 | 30.460 | 12.530 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/22/2025 5:15 | 1.461 | 1.650 | 1.913 | 3.337 | 1.520 | 4.021 | 55.36 | 55.017 | 51.548 | 54.669 | 54.446 | 59.851 | 30.390 | 9.610 |
| 10/22/2025 5:30 | 1.419 | 1.621 | 1.869 | 3.326 | 1.469 | 4.027 | 55.36 | 55.017 | 51.458 | 54.495 | 54.446 | 59.851 | 30.360 | 10.040 |
| 10/22/2025 5:45 | 1.387 | 1.601 | 1.840 | 3.337 | 1.427 | 4.029 | 55.36 | 54.842 | 51.422 | 54.495 | 54.464 | 59.851 | 30.300 | 9.600 |
| 10/22/2025 6:00 | 1.351 | 1.582 | 1.806 | 3.325 | 1.395 | 4.036 | 55.36 | 54.842 | 51.422 | 54.495 | 54.464 | 59.851 | 30.270 | 9.400 |
| 10/22/2025 6:15 | 1.311 | 1.570 | 1.786 | 3.325 | 1.382 | 4.033 | 55.19 | 54.842 | 51.458 | 54.495 | 54.482 | 59.851 | 30.210 | 9.310 |
| 10/22/2025 6:30 | 1.281 | 1.560 | 1.795 | 3.330 | 1.355 | 4.032 | 55.19 | 54.669 | 51.530 | 54.495 | 54.482 | 59.851 | 30.140 | 9.270 |
| 10/22/2025 6:45 | 1.260 | 1.555 | 1.786 | 3.326 | 1.344 | 4.031 | 55.02 | 54.669 | 51.638 | 54.495 | 54.482 | 59.851 | 30.080 | 9.020 |
| 10/22/2025 7:00 | 1.230 | 1.550 | 1.778 | 3.324 | 1.317 | 4.022 | 55.02 | 54.669 | 51.728 | 54.495 | 54.500 | 59.851 | 29.840 | 9.170 |
| 10/22/2025 7:15 | 1.213 | 1.552 | 1.771 | 3.326 | 1.292 | 4.021 | 55.02 | 54.495 | 51.800 | 54.495 | 54.482 | 59.851 | 29.970 | 9.270 |
| 10/22/2025 7:30 | 1.193 | 1.553 | 1.766 | 3.323 | 1.287 | 4.031 | 54.84 | 54.495 | 51.872 | 54.495 | 54.482 | 59.680 | 29.950 | 9.290 |
| 10/22/2025 7:45 | 1.166 | 1.539 | 1.758 | 3.317 | 1.280 | 4.025 | 54.84 | 54.495 | 51.908 | 54.495 | 54.500 | 59.851 | 29.850 | 9.030 |
| 10/22/2025 8:00 | 1.159 | 1.535 | 1.771 | 3.321 | 1.284 | 4.022 | 54.84 | 54.495 | 51.962 | 54.495 | 54.500 | 59.680 | 29.950 | 9.340 |
| 10/22/2025 8:15 | 1.141 | 1.534 | 1.781 | 3.316 | 1.271 | 4.011 | 54.67 | 54.322 | 52.016 | 54.495 | 54.518 | 59.680 | 30.040 | 9.350 |
| 10/22/2025 8:30 | 1.124 | 1.533 | 1.773 | 3.315 | 1.246 | 4.018 | 54.67 | 54.322 | 52.070 | 54.495 | 54.518 | 59.680 | 29.810 | 9.330 |
| 10/22/2025 8:45 | 1.109 | 1.541 | 1.765 | 3.315 | 1.225 | 4.017 | 54.67 | 54.322 | 52.124 | 54.495 | 54.518 | 59.680 | 29.920 | 9.350 |
| 10/22/2025 9:00 | 1.095 | 1.529 | 1.753 | 3.306 | 1.206 | 4.022 | 54.67 | 54.322 | 52.160 | 54.495 | 54.518 | 59.680 | 30.030 | 9.350 |
| 10/22/2025 9:15 | 1.090 | 1.524 | 1.740 | 3.309 | 1.198 | 4.019 | 54.67 | 54.322 | 52.232 | 54.495 | 54.518 | 59.680 | 29.780 | 9.370 |
| 10/22/2025 9:30 | 1.077 | 1.522 | 1.738 | 3.312 | 1.212 | 4.011 | 54.67 | 54.147 | 52.286 | 54.495 | 54.518 | 59.680 | 29.540 | 9.370 |
| 10/22/2025 9:45 | 1.235 | 1.629 | 1.752 | 3.350 | 1.275 | 4.020 | 54.67 | 54.147 | 52.358 | 54.495 | 54.518 | 59.680 | 29.520 | 9.420 |
| 10/22/2025 10:00 | 1.362 | 1.673 | 1.870 | 3.395 | 1.439 | 4.371 | 54.67 | 54.147 | 52.574 | 54.495 | 54.518 | 59.680 | 29.290 | 8.620 |
| 10/22/2025 10:15 | 1.663 | 1.716 | 1.937 | 3.416 | 1.685 | 4.355 | 54.84 | 54.147 | 52.646 | 54.669 | 54.536 | 59.680 | 29.480 | 12.070 |
| 10/22/2025 10:30 | 2.082 | 1.997 | 1.944 | 3.436 | 2.022 | 4.283 | 54.84 | 54.147 | 52.574 | 54.669 | 54.446 | 59.680 | 28.930 | 11.470 |
| 10/22/2025 10:45 | 2.574 | 2.478 | 2.213 | 3.450 | 2.518 | 4.229 | 54.84 | 54.147 | 52.772 | 54.669 | 54.410 | 59.508 | 29.270 | 12.320 |
| 10/22/2025 11:00 | 3.177 | 3.026 | 2.697 | 3.461 | 3.018 | 4.204 | 54.84 | 54.147 | 52.700 | 54.669 | 54.572 | 59.337 | 30.870 | 12.000 |
| 10/22/2025 11:15 | 3.627 | 3.478 | 3.195 | 3.570 | 3.458 | 4.290 | 55.02 | 54.147 | 52.646 | 54.842 | 54.716 | 59.164 | 32.070 | 11.850 |
| 10/22/2025 11:30 | 4.157 | 3.843 | 3.653 | 3.810 | 3.824 | 4.249 | 55.02 | 54.147 | 52.736 | 54.842 | 54.878 | 59.164 | 32.370 | 11.800 |
| 10/22/2025 11:45 | 4.360 | 4.148 | 4.014 | 4.001 | 4.111 | 4.198 | 55.19 | 54.495 | 52.898 | 54.842 | 55.022 | 59.164 | 32.610 | 11.990 |
| 10/22/2025 12:00 | 4.558 | 4.302 | 4.307 | 4.118 | 4.284 | 4.158 | 55.19 | 54.495 | 53.204 | 54.842 | 55.130 | 59.164 | 32.840 | 13.140 |
| 10/22/2025 12:15 | 4.643 | 4.415 | 4.450 | 4.205 | 4.392 | 4.125 | 55.36 | 54.669 | 53.528 | 54.842 | 55.184 | 59.164 | 32.690 | 18.140 |
| 10/22/2025 12:30 | 4.774 | 4.501 | 4.556 | 4.276 | 4.468 | 4.117 | 55.36 | 54.669 | 53.942 | 55.017 | 55.238 | 59.164 | 32.700 | 24.580 |
| 10/22/2025 12:45 | 4.674 | 4.537 | 4.616 | 4.310 | 4.493 | 4.103 | 55.36 | 54.842 | 54.122 | 55.189 | 55.274 | 59.164 | 32.720 | 25.550 |
| 10/22/2025 13:00 | 4.607 | 4.569 | 4.674 | 4.354 | 4.536 | 4.068 | 55.36 | 54.842 | 54.230 | 55.189 | 55.364 | 59.164 | 32.830 | 27.170 |
| 10/22/2025 13:15 | 4.502 | 4.543 | 4.721 | 4.387 | 4.486 | 4.076 | 55.54 | 54.842 | 54.392 | 55.364 | 55.436 | 59.164 | 32.880 | 28.240 |
| 10/22/2025 13:30 | 4.367 | 4.474 | 4.711 | 4.417 | 4.389 | 4.069 | 55.54 | 55.017 | 54.518 | 55.364 | 55.490 | 58.993 | 32.670 | 29.020 |
| 10/22/2025 13:45 | 4.204 | 4.330 | 4.662 | 4.424 | 4.251 | 4.064 | 55.54 | 55.017 | 54.644 | 55.364 | 55.616 | 58.993 | 32.700 | 29.550 |
| 10/22/2025 14:00 | 3.954 | 4.180 | 4.554 | 4.416 | 4.037 | 4.059 | 55.71 | 55.189 | 54.770 | 55.537 | 55.832 | 58.993 | 32.710 | 29.770 |
| 10/22/2025 14:15 | 3.664 | 3.933 | 4.399 | 4.364 | 3.770 | 4.063 | 55.71 | 55.189 | 54.824 | 55.537 | 56.156 | 58.993 | 32.580 | 29.900 |
| 10/22/2025 14:30 | 3.406 | 3.712 | 4.173 | 4.315 | 3.521 | 4.051 | 55.88 | 55.364 | 54.878 | 55.537 | 56.336 | 59.164 | 32.430 | 30.020 |
| 10/22/2025 14:45 | 3.146 | 3.460 | 3.968 | 4.263 | 3.241 | 4.053 | 55.88 | 55.537 | 55.094 | 55.711 | 56.462 | 59.164 | 31.940 | 30.110 |
| 10/22/2025 15:00 | 2.908 | 3.224 | 3.718 | 4.203 | 3.014 | 4.050 | 56.06 | 55.537 | 55.400 | 55.711 | 56.660 | 59.164 | 31.920 | 30.200 |
| 10/22/2025 15:15 | 2.692 | 3.009 | 3.508 | 4.134 | 2.791 | 4.048 | 56.23 | 55.537 | 55.724 | 55.884 | 56.804 | 59.164 | 31.540 | 30.240 |
| 10/22/2025 15:30 | 2.512 | 2.843 | 3.307 | 4.070 | 2.580 | 4.041 | 56.23 | 55.711 | 56.156 | 55.884 | 56.930 | 59.164 | 31.230 | 30.300 |
| 10/22/2025 15:45 | 2.360 | 2.679 | 3.100 | 3.995 | 2.418 | 4.051 | 56.23 | 55.711 | 56.462 | 56.057 | 57.020 | 59.164 | 30.740 | 30.440 |
| 10/22/2025 16:00 | 2.220 | 2.532 | 2.933 | 3.903 | 2.262 | 4.048 | 56.40 | 55.711 | 56.516 | 56.057 | 57.074 | 59.164 | 30.200 | 30.560 |
| 10/22/2025 16:15 | 2.103 | 2.395 | 2.762 | 3.799 | 2.128 | 4.047 | 56.40 | 55.884 | 56.462 | 56.057 | 57.020 | 59.164 | 29.350 | 30.590 |
| 10/22/2025 16:30 | 2.006 | 2.305 | 2.622 | 3.728 | 2.058 | 4.036 | 56.40 | 55.884 | 56.336 | 56.057 | 56.912 | 59.164 | 29.000 | 30.630 |
| 10/22/2025 16:45 | 1.917 | 2.207 | 2.548 | 3.655 | 1.961 | 4.293 | 56.40 | 55.884 | 56.174 | 56.057 | 56.768 | 59.164 | 27.590 | 30.580 |
| 10/22/2025 17:00 | 1.842 | 2.114 | 2.446 | 3.612 | 1.892 | 4.258 | 56.40 | 55.884 | 56.012 | 56.057 | 56.606 | 59.164 | 27.050 | 30.520 |
| 10/22/2025 17:15 | 1.764 | 2.026 | 2.360 | 3.574 | 1.814 | 4.197 | 56.40 | 55.884 | 55.868 | 56.057 | 56.408 | 59.164 | 27.140 | 30.410 |
| 10/22/2025 17:30 | 1.704 | 1.964 | 2.276 | 3.546 | 1.748 | 4.150 | 56.40 | 55.884 | 55.778 | 56.057 | 56.264 | 59.164 | 26.650 | 28.990 |
| 10/22/2025 17:45 | 1.646 | 1.912 | 2.205 | 3.528 | 1.666 | 4.123 | 56.40 | 55.884 | 55.688 | 56.057 | 56.138 | 59.164 | 25.110 | 27.220 |
| 10/22/2025 18:00 | 1.598 | 1.877 | 2.139 | 3.520 | 1.621 | 4.103 | 56.40 | 55.884 | 55.616 | 56.057 | 56.030 | 59.164 | 24.410 | 26.110 |
| 10/22/2025 18:15 | 1.555 | 1.854 | 2.097 | 3.512 | 1.598 | 4.095 | 56.40 | 55.884 | 55.580 | 56.057 | 55.940 | 59.164 | 24.070 | 25.370 |
| 10/22/2025 18:30 | 1.510 | 1.821 | 2.085 | 3.502 | 1.565 | 4.087 | 56.40 | 55.884 | 55.526 | 56.057 | 55.850 | 59.164 | 23.810 | 24.510 |
| 10/22/2025 18:45 | 1.462 | 1.797 | 2.060 | 3.482 | 1.528 | 4.085 | 56.40 | 55.711 | 55.490 | 56.057 | 55.760 | 59.164 | 23.930 | 23.640 |
| 10/22/2025 19:00 | 1.429 | 1.788 | 2.044 | 3.477 | 1.497 | 4.073 | 56.40 | 55.711 | 55.454 | 56.057 | 55.670 | 59.164 | 24.150 | 22.670 |
| 10/22/2025 19:15 | 1.397 | 1.780 | 2.027 | 3.469 | 1.457 | 4.072 | 56.23 | 55.711 | 55.382 | 56.057 | 55.598 | 59.164 | 23.950 | 21.750 |
| 10/22/2025 19:30 | 1.366 | 1.770 | 2.024 | 3.470 | 1.432 | 4.064 | 56.23 | 55.711 | 55.310 | 56.057 | 55.508 | 59.164 | 23.940 | 20.810 |
| 10/22/2025 19:45 | 1.335 | 1.762 | 2.010 | 3.466 | 1.414 | 4.069 | 56.23 | 55.711 | 55.184 | 56.057 | 55.436 | 59.164 | 23.540 | 20.350 |
| 10/22/2025 20:00 | 1.308 | 1.763 | 1.995 | 3.460 | 1.392 | 4.058 | 56.23 | 55.711 | 55.058 | 56.057 | 55.364 | 59.164 | 22.810 | 19.860 |
| 10/22/2025 20:15 | 1.293 | 1.757 | 1.986 | 3.457 | 1.380 | 4.059 | 56.23 | 55.711 | 54.914 | 56.057 | 55.274 | 59.164 | 21.980 | 19.550 |
| 10/22/2025 20:30 | 1.265 | 1.756 | 1.986 | 3.452 | 1.351 | 4.064 | 56.23 | 55.711 | 54.752 | 56.057 | 55.184 | 59.164 | 21.060 | 19.230 |
| 10/22/2025 20:45 | 1.242 | 1.745 | 1.971 | 3.449 | 1.341 | 4.055 | 56.06 | 55.537 | 54.590 | 56.057 | 55.094 | 59.164 | 20.530 | 18.970 |
| 10/22/2025 21:00 | 1.224 | 1.747 | 1.964 | 3.442 | 1.327 | 4.060 | 56.06 | 55.537 | 54.428 | 55.884 | 54.968 | 59.164 | 20.060 | 18.800 |
| 10/22/2025 21:15 | 1.209 | 1.751 | 1.972 | 3.447 | 1.320 | 4.061 | 56.06 | 55.537 | 54.248 | 55.884 | 54.842 | 59.164 | 19.770 | 18.630 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/22/2025 21:30 | 1.186 | 1.740 | 1.977 | 3.432 | 1.325 | 4.055 | 56.06 | 55.537 | 54.068 | 55.884 | 54.698 | 59.164 | 19.050 | 18.580 |
| 10/22/2025 21:45 | 1.175 | 1.740 | 1.976 | 3.428 | 1.326 | 4.051 | 56.06 | 55.537 | 53.888 | 55.884 | 54.554 | 59.164 | 18.400 | 18.540 |
| 10/22/2025 22:00 | 1.170 | 1.743 | 1.983 | 3.434 | 1.318 | 4.047 | 56.06 | 55.364 | 53.690 | 55.711 | 54.428 | 59.164 | 18.030 | 17.870 |
| 10/22/2025 22:15 | 1.158 | 1.740 | 1.994 | 3.439 | 1.307 | 4.053 | 55.88 | 55.364 | 53.510 | 55.711 | 54.284 | 59.164 | 18.260 | 18.050 |
| 10/22/2025 22:30 | 1.228 | 1.743 | 1.980 | 3.438 | 1.322 | 4.054 | 55.88 | 55.364 | 53.330 | 55.711 | 54.176 | 59.164 | 18.210 | 17.690 |
| 10/22/2025 22:45 | 1.321 | 1.737 | 1.987 | 3.436 | 1.354 | 4.058 | 55.88 | 55.189 | 53.168 | 55.711 | 54.068 | 59.337 | 18.470 | 17.520 |
| 10/22/2025 23:00 | 1.478 | 1.737 | 1.964 | 3.431 | 1.478 | 4.066 | 55.71 | 55.189 | 53.042 | 55.537 | 53.996 | 59.164 | 18.810 | 17.360 |
| 10/22/2025 23:15 | 1.745 | 1.809 | 1.961 | 3.431 | 1.730 | 4.063 | 55.71 | 55.189 | 52.916 | 55.537 | 53.906 | 59.164 | 18.560 | 17.050 |
| 10/22/2025 23:30 | 2.075 | 2.101 | 1.993 | 3.428 | 2.028 | 4.058 | 55.88 | 55.017 | 52.916 | 55.537 | 54.086 | 59.164 | 19.660 | 15.310 |
| 10/22/2025 23:45 | 2.424 | 2.423 | 2.299 | 3.424 | 2.402 | 4.060 | 55.19 | 55.017 | 52.826 | 55.364 | 54.338 | 59.337 | 24.490 | 14.930 |
| 10/23/2025 0:00 | 2.847 | 2.800 | 2.619 | 3.414 | 2.795 | 4.059 | 55.02 | 55.017 | 52.610 | 55.364 | 54.392 | 59.164 | 29.040 | 14.200 |
| 10/23/2025 0:15 | 3.195 | 3.176 | 2.996 | 3.418 | 3.147 | 4.049 | 55.02 | 54.842 | 52.538 | 55.364 | 54.428 | 59.164 | 30.810 | 13.690 |
| 10/23/2025 0:30 | 3.487 | 3.471 | 3.376 | 3.584 | 3.415 | 4.046 | 55.02 | 54.842 | 52.520 | 55.364 | 54.446 | 59.337 | 31.460 | 13.510 |
| 10/23/2025 0:45 | 3.664 | 3.662 | 3.635 | 3.758 | 3.613 | 4.050 | 55.02 | 54.669 | 52.520 | 55.364 | 54.482 | 59.337 | 31.760 | 13.160 |
| 10/23/2025 1:00 | 3.727 | 3.788 | 3.846 | 3.881 | 3.702 | 4.053 | 55.02 | 54.669 | 52.628 | 55.189 | 54.518 | 59.337 | 32.040 | 12.960 |
| 10/23/2025 1:15 | 3.709 | 3.798 | 3.961 | 3.945 | 3.690 | 4.049 | 55.02 | 54.669 | 53.006 | 55.189 | 54.554 | 59.337 | 31.870 | 15.470 |
| 10/23/2025 1:30 | 3.659 | 3.741 | 3.979 | 3.945 | 3.644 | 4.058 | 55.02 | 54.669 | 53.330 | 55.017 | 54.554 | 59.337 | 32.350 | 16.030 |
| 10/23/2025 1:45 | 3.534 | 3.636 | 3.910 | 3.901 | 3.499 | 4.059 | 55.02 | 54.669 | 53.564 | 55.017 | 54.554 | 59.337 | 32.290 | 17.140 |
| 10/23/2025 2:00 | 3.294 | 3.467 | 3.806 | 3.807 | 3.319 | 4.058 | 55.19 | 54.669 | 53.708 | 55.017 | 54.500 | 59.337 | 32.470 | 20.150 |
| 10/23/2025 2:15 | 3.114 | 3.261 | 3.633 | 3.688 | 3.145 | 4.054 | 55.19 | 54.669 | 53.798 | 54.842 | 54.428 | 59.337 | 32.330 | 21.350 |
| 10/23/2025 2:30 | 2.908 | 3.049 | 3.452 | 3.555 | 2.943 | 4.058 | 55.19 | 54.669 | 53.798 | 54.842 | 54.356 | 59.337 | 32.250 | 21.870 |
| 10/23/2025 2:45 | 2.668 | 2.820 | 3.249 | 3.471 | 2.696 | 4.053 | 55.19 | 54.669 | 53.744 | 54.842 | 54.266 | 59.337 | 31.750 | 22.080 |
| 10/23/2025 3:00 | 2.475 | 2.621 | 3.011 | 3.436 | 2.491 | 4.048 | 55.19 | 54.669 | 53.600 | 54.842 | 54.212 | 59.337 | 32.060 | 22.290 |
| 10/23/2025 3:15 | 2.326 | 2.466 | 2.801 | 3.434 | 2.323 | 4.055 | 55.02 | 54.669 | 53.384 | 54.842 | 54.176 | 59.337 | 31.790 | 22.590 |
| 10/23/2025 3:30 | 2.185 | 2.321 | 2.638 | 3.415 | 2.180 | 4.068 | 55.02 | 54.669 | 53.132 | 54.669 | 54.176 | 59.337 | 31.670 | 22.800 |
| 10/23/2025 3:45 | 2.065 | 2.196 | 2.488 | 3.413 | 2.052 | 4.061 | 55.02 | 54.669 | 52.862 | 54.669 | 54.176 | 59.164 | 31.660 | 22.920 |
| 10/23/2025 4:00 | 1.957 | 2.087 | 2.366 | 3.404 | 1.952 | 4.063 | 55.02 | 54.495 | 52.628 | 54.669 | 54.194 | 59.337 | 31.580 | 22.940 |
| 10/23/2025 4:15 | 1.861 | 2.002 | 2.271 | 3.399 | 1.860 | 4.060 | 55.02 | 54.495 | 52.340 | 54.669 | 54.194 | 59.164 | 31.570 | 22.710 |
| 10/23/2025 4:30 | 1.786 | 1.921 | 2.176 | 3.398 | 1.782 | 4.056 | 55.19 | 54.495 | 52.124 | 54.669 | 54.212 | 59.164 | 31.470 | 22.390 |
| 10/23/2025 4:45 | 1.708 | 1.852 | 2.110 | 3.398 | 1.701 | 4.044 | 55.19 | 54.495 | 51.908 | 54.669 | 54.212 | 59.164 | 31.430 | 22.130 |
| 10/23/2025 5:00 | 1.634 | 1.803 | 2.042 | 3.395 | 1.633 | 4.043 | 55.19 | 54.495 | 51.728 | 54.495 | 54.212 | 59.164 | 31.430 | 21.580 |
| 10/23/2025 5:15 | 1.573 | 1.755 | 1.983 | 3.389 | 1.588 | 4.048 | 55.19 | 54.322 | 51.458 | 54.495 | 54.212 | 59.164 | 31.550 | 14.660 |
| 10/23/2025 5:30 | 1.530 | 1.724 | 1.948 | 3.389 | 1.554 | 4.046 | 55.19 | 54.322 | 51.224 | 54.495 | 54.212 | 59.164 | 31.500 | 8.150 |
| 10/23/2025 5:45 | 1.474 | 1.697 | 1.927 | 3.388 | 1.510 | 4.053 | 55.19 | 54.322 | 50.990 | 54.495 | 54.212 | 59.164 | 31.210 | 7.940 |
| 10/23/2025 6:00 | 1.429 | 1.675 | 1.902 | 3.382 | 1.474 | 4.045 | 55.19 | 54.147 | 50.846 | 54.322 | 54.230 | 59.164 | 31.220 | 7.220 |
| 10/23/2025 6:15 | 1.385 | 1.660 | 1.882 | 3.382 | 1.414 | 4.046 | 55.02 | 54.147 | 50.720 | 54.322 | 54.212 | 59.164 | 30.940 | 6.850 |
| 10/23/2025 6:30 | 1.360 | 1.655 | 1.847 | 3.384 | 1.390 | 4.050 | 55.02 | 54.147 | 50.612 | 54.322 | 54.212 | 59.164 | 31.100 | 6.640 |
| 10/23/2025 6:45 | 1.327 | 1.650 | 1.851 | 3.383 | 1.365 | 4.060 | 55.02 | 53.973 | 50.504 | 54.322 | 54.212 | 59.164 | 30.830 | 6.540 |
| 10/23/2025 7:00 | 1.294 | 1.641 | 1.832 | 3.370 | 1.332 | 4.056 | 54.84 | 53.973 | 50.396 | 54.147 | 54.176 | 59.164 | 31.050 | 6.490 |
| 10/23/2025 7:15 | 1.252 | 1.619 | 1.827 | 3.364 | 1.304 | 4.055 | 54.84 | 53.798 | 50.288 | 54.147 | 54.140 | 59.164 | 30.900 | 6.460 |
| 10/23/2025 7:30 | 1.247 | 1.638 | 1.805 | 3.379 | 1.276 | 4.051 | 54.67 | 53.798 | 50.180 | 54.147 | 54.122 | 59.164 | 30.740 | 6.440 |
| 10/23/2025 7:45 | 1.219 | 1.630 | 1.803 | 3.374 | 1.252 | 4.063 | 54.50 | 53.798 | 50.090 | 53.973 | 54.086 | 59.164 | 30.880 | 6.430 |
| 10/23/2025 8:00 | 1.195 | 1.622 | 1.784 | 3.370 | 1.241 | 4.054 | 54.50 | 53.623 | 49.964 | 53.973 | 54.068 | 59.164 | 30.670 | 6.420 |
| 10/23/2025 8:15 | 1.171 | 1.606 | 1.782 | 3.362 | 1.233 | 4.058 | 54.32 | 53.623 | 49.874 | 53.973 | 54.014 | 59.164 | 29.760 | 6.410 |
| 10/23/2025 8:30 | 1.144 | 1.595 | 1.782 | 3.350 | 1.230 | 4.046 | 54.15 | 53.449 | 49.820 | 53.798 | 53.996 | 59.164 | 29.500 | 6.400 |
| 10/23/2025 8:45 | 1.122 | 1.597 | 1.788 | 3.336 | 1.232 | 4.039 | 53.97 | 53.449 | 49.766 | 53.798 | 53.996 | 59.164 | 29.510 | 6.400 |
| 10/23/2025 9:00 | 1.114 | 1.589 | 1.800 | 3.344 | 1.214 | 4.047 | 53.97 | 53.449 | 49.694 | 53.798 | 53.996 | 58.993 | 29.460 | 6.400 |
| 10/23/2025 9:15 | 1.095 | 1.585 | 1.789 | 3.333 | 1.204 | 4.039 | 53.97 | 53.274 | 49.676 | 53.798 | 53.924 | 58.993 | 29.380 | 6.400 |
| 10/23/2025 9:30 | 1.074 | 1.581 | 1.772 | 3.332 | 1.196 | 4.039 | 53.97 | 53.274 | 49.676 | 53.798 | 53.780 | 58.993 | 28.480 | 6.400 |
| 10/23/2025 9:45 | 1.068 | 1.578 | 1.771 | 3.333 | 1.191 | 4.035 | 53.97 | 53.100 | 49.730 | 53.623 | 53.708 | 58.993 | 28.070 | 6.400 |
| 10/23/2025 10:00 | 1.059 | 1.573 | 1.775 | 3.328 | 1.187 | 4.032 | 53.97 | 53.100 | 49.802 | 53.623 | 53.762 | 58.993 | 28.150 | 6.400 |
| 10/23/2025 10:15 | 1.081 | 1.571 | 1.778 | 3.330 | 1.198 | 4.039 | 53.97 | 53.100 | 49.946 | 53.623 | 53.780 | 58.993 | 28.190 | 6.400 |
| 10/23/2025 10:30 | 1.191 | 1.579 | 1.783 | 3.334 | 1.211 | 4.037 | 53.97 | 52.925 | 50.126 | 53.623 | 53.762 | 58.993 | 28.200 | 6.400 |
| 10/23/2025 10:45 | 1.354 | 1.576 | 1.771 | 3.335 | 1.345 | 4.041 | 53.97 | 52.925 | 50.342 | 53.623 | 53.744 | 58.993 | 28.230 | 6.400 |
| 10/23/2025 11:00 | 1.621 | 1.652 | 1.770 | 3.330 | 1.583 | 4.038 | 53.97 | 52.925 | 50.558 | 53.623 | 53.744 | 58.993 | 28.220 | 6.400 |
| 10/23/2025 11:15 | 1.998 | 1.948 | 1.798 | 3.332 | 1.907 | 4.038 | 54.15 | 52.925 | 50.864 | 53.623 | 53.690 | 58.993 | 28.270 | 6.410 |
| 10/23/2025 11:30 | 2.452 | 2.370 | 2.109 | 3.334 | 2.368 | 4.043 | 54.84 | 52.925 | 51.530 | 53.798 | 54.014 | 58.993 | 27.690 | 9.920 |
| 10/23/2025 11:45 | 3.014 | 2.862 | 2.537 | 3.323 | 2.859 | 4.036 | 54.84 | 52.925 | 51.494 | 53.798 | 54.464 | 58.993 | 29.140 | 9.830 |
| 10/23/2025 12:00 | 3.403 | 3.305 | 3.042 | 3.360 | 3.279 | 4.037 | 55.02 | 52.925 | 51.512 | 53.798 | 54.680 | 58.993 | 30.370 | 9.750 |
| 10/23/2025 12:15 | 3.757 | 3.625 | 3.479 | 3.610 | 3.593 | 4.031 | 55.02 | 52.925 | 51.476 | 53.973 | 54.896 | 58.993 | 31.860 | 9.700 |
| 10/23/2025 12:30 | 4.016 | 3.889 | 3.808 | 3.823 | 3.862 | 4.025 | 55.02 | 53.274 | 51.656 | 54.147 | 55.004 | 58.993 | 32.540 | 9.810 |
| 10/23/2025 12:45 | 4.163 | 4.080 | 4.066 | 3.983 | 4.049 | 4.031 | 55.02 | 53.973 | 52.250 | 54.147 | 55.058 | 58.993 | 32.810 | 11.770 |
| 10/23/2025 13:00 | 4.239 | 4.189 | 4.257 | 4.089 | 4.156 | 4.040 | 55.02 | 54.147 | 53.042 | 54.147 | 55.130 | 58.993 | 32.970 | 13.520 |
| 10/23/2025 13:15 | 4.199 | 4.215 | 4.376 | 4.159 | 4.167 | 4.037 | 55.19 | 54.147 | 53.672 | 54.322 | 55.184 | 58.993 | 32.920 | 15.770 |
| 10/23/2025 13:30 | 4.119 | 4.203 | 4.387 | 4.205 | 4.129 | 4.036 | 55.19 | 54.147 | 54.140 | 54.495 | 55.256 | 58.993 | 32.770 | 18.690 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/23/2025 13:45 | 4.037 | 4.147 | 4.384 | 4.227 | 4.035 | 4.032 | 55.19 | 54.322 | 54.338 | 54.669 | 55.328 | 58.993 | 32.970 | 20.720 |
| 10/23/2025 14:00 | 3.834 | 3.994 | 4.338 | 4.214 | 3.869 | 4.049 | 55.36 | 54.322 | 54.482 | 54.842 | 55.400 | 59.164 | 32.770 | 22.170 |
| 10/23/2025 14:15 | 3.623 | 3.813 | 4.186 | 4.158 | 3.680 | 4.043 | 55.36 | 54.495 | 54.536 | 54.842 | 55.490 | 59.164 | 32.940 | 23.150 |
| 10/23/2025 14:30 | 3.359 | 3.588 | 4.023 | 4.101 | 3.440 | 4.030 | 55.36 | 54.669 | 54.590 | 54.842 | 55.688 | 59.164 | 32.920 | 24.070 |
| 10/23/2025 14:45 | 3.084 | 3.327 | 3.804 | 4.005 | 3.152 | 4.050 | 55.54 | 54.669 | 54.770 | 55.017 | 55.886 | 59.164 | 32.640 | 24.830 |
| 10/23/2025 15:00 | 2.824 | 3.055 | 3.548 | 3.870 | 2.908 | 4.039 | 55.54 | 54.842 | 54.950 | 55.189 | 56.012 | 59.164 | 32.280 | 25.480 |
| 10/23/2025 15:15 | 2.624 | 2.841 | 3.299 | 3.724 | 2.674 | 4.035 | 55.71 | 54.842 | 55.094 | 55.189 | 56.120 | 59.164 | 32.280 | 25.990 |
| 10/23/2025 15:30 | 2.429 | 2.633 | 3.066 | 3.599 | 2.491 | 4.039 | 55.71 | 54.842 | 55.184 | 55.364 | 56.156 | 59.164 | 31.620 | 26.410 |
| 10/23/2025 15:45 | 2.277 | 2.448 | 2.868 | 3.512 | 2.303 | 4.042 | 55.71 | 55.017 | 55.202 | 55.364 | 56.174 | 59.164 | 30.720 | 26.750 |
| 10/23/2025 16:00 | 2.136 | 2.299 | 2.666 | 3.459 | 2.158 | 4.044 | 55.71 | 55.017 | 55.130 | 55.364 | 56.192 | 59.164 | 30.060 | 27.020 |
| 10/23/2025 16:15 | 2.010 | 2.164 | 2.503 | 3.424 | 2.028 | 4.035 | 55.88 | 55.017 | 55.058 | 55.537 | 56.174 | 59.337 | 29.330 | 27.190 |
| 10/23/2025 16:30 | 1.925 | 2.071 | 2.373 | 3.419 | 1.918 | 4.045 | 55.88 | 55.017 | 54.968 | 55.537 | 56.192 | 59.337 | 29.190 | 27.330 |
| 10/23/2025 16:45 | 1.813 | 1.973 | 2.263 | 3.393 | 1.842 | 4.055 | 55.88 | 55.017 | 54.896 | 55.537 | 56.192 | 59.337 | 29.160 | 27.450 |
| 10/23/2025 17:00 | 1.743 | 1.892 | 2.176 | 3.386 | 1.756 | 4.049 | 56.06 | 55.017 | 54.824 | 55.537 | 56.174 | 59.337 | 29.120 | 27.570 |
| 10/23/2025 17:15 | 1.676 | 1.832 | 2.104 | 3.379 | 1.706 | 4.048 | 56.06 | 55.017 | 54.752 | 55.537 | 56.174 | 59.337 | 28.990 | 27.630 |
| 10/23/2025 17:30 | 1.606 | 1.778 | 2.055 | 3.379 | 1.634 | 4.049 | 56.06 | 55.017 | 54.716 | 55.537 | 56.174 | 59.337 | 28.680 | 27.620 |
| 10/23/2025 17:45 | 1.559 | 1.741 | 2.002 | 3.383 | 1.584 | 4.045 | 56.06 | 55.017 | 54.680 | 55.537 | 56.138 | 59.337 | 28.360 | 27.590 |
| 10/23/2025 18:00 | 1.500 | 1.702 | 1.963 | 3.379 | 1.535 | 4.061 | 56.06 | 55.017 | 54.644 | 55.537 | 56.102 | 59.508 | 28.300 | 27.350 |
| 10/23/2025 18:15 | 1.458 | 1.681 | 1.924 | 3.374 | 1.490 | 4.053 | 56.06 | 55.017 | 54.572 | 55.537 | 56.048 | 59.508 | 28.040 | 27.120 |
| 10/23/2025 18:30 | 1.408 | 1.651 | 1.890 | 3.367 | 1.439 | 4.055 | 56.06 | 55.017 | 54.482 | 55.537 | 55.994 | 59.508 | 27.930 | 26.970 |
| 10/23/2025 18:45 | 1.371 | 1.642 | 1.869 | 3.373 | 1.415 | 4.052 | 55.88 | 54.842 | 54.374 | 55.537 | 55.940 | 59.508 | 27.540 | 26.630 |
| 10/23/2025 19:00 | 1.342 | 1.633 | 1.856 | 3.372 | 1.385 | 4.051 | 55.88 | 54.842 | 54.212 | 55.364 | 55.868 | 59.508 | 27.050 | 24.900 |
| 10/23/2025 19:15 | 1.304 | 1.619 | 1.843 | 3.365 | 1.368 | 4.050 | 55.88 | 54.842 | 54.050 | 55.364 | 55.796 | 59.508 | 26.530 | 22.420 |
| 10/23/2025 19:30 | 1.273 | 1.612 | 1.835 | 3.366 | 1.341 | 4.040 | 55.71 | 54.842 | 53.852 | 55.364 | 55.688 | 59.508 | 26.000 | 20.400 |
| 10/23/2025 19:45 | 1.251 | 1.611 | 1.833 | 3.364 | 1.307 | 4.044 | 55.71 | 54.842 | 53.654 | 55.364 | 55.598 | 59.508 | 25.910 | 18.890 |
| 10/23/2025 20:00 | 1.224 | 1.599 | 1.824 | 3.359 | 1.287 | 4.046 | 55.71 | 54.842 | 53.438 | 55.189 | 55.472 | 59.508 | 25.480 | 17.780 |
| 10/23/2025 20:15 | 1.194 | 1.598 | 1.813 | 3.362 | 1.265 | 4.039 | 55.71 | 54.842 | 53.222 | 55.189 | 55.310 | 59.508 | 24.880 | 17.030 |
| 10/23/2025 20:30 | 1.178 | 1.589 | 1.805 | 3.365 | 1.245 | 4.041 | 55.71 | 54.842 | 53.006 | 55.189 | 55.202 | 59.508 | 24.530 | 16.450 |
| 10/23/2025 20:45 | 1.156 | 1.587 | 1.787 | 3.358 | 1.236 | 4.040 | 55.71 | 54.842 | 52.790 | 55.017 | 55.094 | 59.508 | 23.570 | 16.070 |
| 10/23/2025 21:00 | 1.140 | 1.587 | 1.791 | 3.358 | 1.224 | 4.045 | 55.54 | 54.669 | 52.556 | 55.017 | 55.022 | 59.508 | 22.680 | 15.750 |
| 10/23/2025 21:15 | 1.120 | 1.579 | 1.802 | 3.353 | 1.212 | 4.048 | 55.54 | 54.669 | 52.322 | 54.842 | 55.004 | 59.508 | 22.720 | 15.540 |
| 10/23/2025 21:30 | 1.100 | 1.574 | 1.787 | 3.345 | 1.211 | 4.041 | 55.54 | 54.669 | 52.124 | 54.842 | 54.950 | 59.508 | 22.500 | 15.390 |
| 10/23/2025 21:45 | 1.089 | 1.568 | 1.786 | 3.347 | 1.205 | 4.040 | 55.36 | 54.669 | 51.890 | 54.842 | 54.896 | 59.508 | 22.070 | 15.270 |
| 10/23/2025 22:00 | 1.080 | 1.575 | 1.779 | 3.349 | 1.199 | 4.045 | 55.36 | 54.495 | 51.692 | 54.669 | 54.842 | 59.508 | 22.020 | 15.230 |
| 10/23/2025 22:15 | 1.053 | 1.563 | 1.780 | 3.337 | 1.185 | 4.056 | 55.19 | 54.495 | 51.512 | 54.669 | 54.878 | 59.508 | 22.210 | 15.180 |
| 10/23/2025 22:30 | 1.052 | 1.559 | 1.781 | 3.328 | 1.181 | 4.044 | 55.19 | 54.495 | 51.386 | 54.495 | 54.842 | 59.508 | 22.470 | 15.130 |
| 10/23/2025 22:45 | 1.037 | 1.555 | 1.768 | 3.329 | 1.173 | 4.040 | 55.19 | 54.322 | 51.242 | 54.495 | 54.842 | 59.508 | 22.510 | 15.080 |
| 10/23/2025 23:00 | 1.029 | 1.559 | 1.764 | 3.331 | 1.166 | 4.037 | 55.19 | 54.322 | 51.116 | 54.322 | 54.824 | 59.508 | 22.590 | 15.050 |
| 10/23/2025 23:15 | 1.033 | 1.548 | 1.754 | 3.332 | 1.154 | 4.041 | 55.19 | 54.147 | 50.990 | 54.322 | 54.788 | 59.508 | 22.670 | 15.040 |
| 10/23/2025 23:30 | 1.116 | 1.549 | 1.748 | 3.324 | 1.179 | 4.044 | 55.02 | 54.147 | 50.900 | 54.147 | 54.752 | 59.508 | 22.830 | 15.040 |
| 10/23/2025 23:45 | 1.233 | 1.547 | 1.749 | 3.330 | 1.220 | 4.041 | 55.02 | 54.147 | 50.792 | 54.147 | 54.716 | 59.508 | 22.930 | 15.050 |
| 10/24/2025 0:00 | 1.408 | 1.552 | 1.753 | 3.324 | 1.379 | 4.039 | 55.02 | 53.973 | 50.720 | 54.147 | 54.698 | 59.508 | 23.000 | 15.090 |
| 10/24/2025 0:15 | 1.625 | 1.613 | 1.760 | 3.319 | 1.573 | 4.045 | 55.02 | 53.973 | 50.648 | 53.973 | 54.518 | 59.508 | 23.180 | 15.110 |
| 10/24/2025 0:30 | 1.912 | 1.857 | 1.807 | 3.330 | 1.834 | 4.029 | 54.84 | 53.798 | 50.738 | 53.973 | 54.050 | 59.337 | 23.150 | 15.550 |
| 10/24/2025 0:45 | 2.230 | 2.175 | 2.019 | 3.322 | 2.151 | 4.047 | 54.32 | 53.798 | 51.440 | 53.798 | 53.762 | 59.337 | 25.550 | 19.540 |
| 10/24/2025 1:00 | 2.541 | 2.504 | 2.363 | 3.321 | 2.466 | 4.036 | 54.32 | 53.798 | 51.044 | 53.798 | 53.708 | 59.337 | 28.360 | 18.610 |
| 10/24/2025 1:15 | 2.821 | 2.819 | 2.695 | 3.324 | 2.760 | 4.039 | 54.32 | 53.623 | 50.720 | 53.623 | 53.816 | 59.337 | 30.550 | 18.140 |
| 10/24/2025 1:30 | 2.979 | 3.044 | 2.995 | 3.327 | 2.949 | 4.036 | 54.32 | 53.623 | 50.594 | 53.623 | 53.888 | 59.337 | 31.360 | 17.780 |
| 10/24/2025 1:45 | 3.105 | 3.167 | 3.220 | 3.359 | 3.089 | 4.038 | 54.32 | 53.623 | 50.666 | 53.623 | 53.942 | 59.337 | 31.470 | 17.560 |
| 10/24/2025 2:00 | 3.033 | 3.170 | 3.364 | 3.419 | 3.058 | 4.042 | 54.32 | 53.449 | 50.792 | 53.449 | 53.978 | 59.337 | 32.450 | 17.410 |
| 10/24/2025 2:15 | 2.990 | 3.078 | 3.347 | 3.372 | 2.971 | 4.045 | 54.32 | 53.623 | 50.990 | 53.449 | 53.978 | 59.337 | 32.090 | 17.380 |
| 10/24/2025 2:30 | 2.832 | 2.947 | 3.251 | 3.344 | 2.839 | 4.041 | 54.50 | 53.623 | 51.278 | 53.449 | 53.978 | 59.337 | 32.550 | 17.510 |
| 10/24/2025 2:45 | 2.664 | 2.780 | 3.132 | 3.337 | 2.654 | 4.040 | 54.50 | 53.623 | 51.548 | 53.274 | 53.924 | 59.337 | 32.570 | 17.750 |
| 10/24/2025 3:00 | 2.489 | 2.606 | 2.962 | 3.328 | 2.485 | 4.042 | 54.50 | 53.623 | 51.764 | 53.274 | 53.852 | 59.337 | 32.150 | 17.970 |
| 10/24/2025 3:15 | 2.316 | 2.442 | 2.790 | 3.318 | 2.325 | 4.036 | 54.50 | 53.623 | 51.962 | 53.274 | 53.798 | 59.337 | 31.910 | 18.880 |
| 10/24/2025 3:30 | 2.180 | 2.295 | 2.627 | 3.323 | 2.173 | 4.037 | 54.32 | 53.623 | 52.070 | 53.100 | 53.708 | 59.337 | 31.710 | 19.060 |
| 10/24/2025 3:45 | 2.051 | 2.166 | 2.473 | 3.324 | 2.043 | 4.047 | 54.32 | 53.623 | 52.124 | 53.100 | 53.636 | 59.337 | 32.130 | 18.750 |
| 10/24/2025 4:00 | 1.944 | 2.058 | 2.346 | 3.317 | 1.930 | 4.044 | 54.32 | 53.623 | 52.106 | 53.100 | 53.582 | 59.337 | 31.600 | 19.380 |
| 10/24/2025 4:15 | 1.845 | 1.966 | 2.228 | 3.322 | 1.833 | 4.044 | 54.32 | 53.623 | 52.034 | 52.925 | 53.582 | 59.337 | 31.590 | 17.690 |
| 10/24/2025 4:30 | 1.759 | 1.877 | 2.128 | 3.323 | 1.750 | 4.054 | 54.50 | 53.623 | 51.836 | 52.925 | 53.564 | 59.337 | 31.580 | 19.290 |
| 10/24/2025 4:45 | 1.690 | 1.810 | 2.050 | 3.321 | 1.669 | 4.042 | 54.50 | 53.623 | 51.278 | 52.925 | 53.582 | 59.164 | 31.580 | 19.430 |
| 10/24/2025 5:00 | 1.616 | 1.754 | 1.983 | 3.321 | 1.619 | 4.050 | 54.50 | 53.623 | 50.900 | 52.750 | 53.564 | 59.164 | 31.600 | 19.820 |
| 10/24/2025 5:15 | 1.556 | 1.703 | 1.935 | 3.324 | 1.549 | 4.044 | 54.50 | 53.449 | 50.558 | 52.750 | 53.492 | 59.164 | 31.100 | 19.470 |
| 10/24/2025 5:30 | 1.510 | 1.658 | 1.883 | 3.321 | 1.501 | 4.046 | 54.50 | 53.449 | 50.288 | 52.750 | 53.438 | 59.164 | 31.080 | 19.190 |
| 10/24/2025 5:45 | 1.457 | 1.629 | 1.843 | 3.326 | 1.467 | 4.044 | 54.50 | 53.449 | 50.054 | 52.750 | 53.438 | 59.164 | 30.840 | 17.620 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/24/2025 6:00 | 1.413 | 1.601 | 1.810 | 3.325 | 1.407 | 4.049 | 54.67 | 53.449 | 49.874 | 52.576 | 53.420 | 59.164 | 30.630 | 13.780 |
| 10/24/2025 6:15 | 1.368 | 1.572 | 1.777 | 3.323 | 1.383 | 4.055 | 54.50 | 53.274 | 49.694 | 52.576 | 53.420 | 59.164 | 30.200 | 11.680 |
| 10/24/2025 6:30 | 1.327 | 1.559 | 1.770 | 3.322 | 1.350 | 4.053 | 54.50 | 53.274 | 49.532 | 52.576 | 53.438 | 59.164 | 30.050 | 11.030 |
| 10/24/2025 6:45 | 1.295 | 1.555 | 1.753 | 3.325 | 1.308 | 4.048 | 54.50 | 53.274 | 49.478 | 52.401 | 53.420 | 59.164 | 29.190 | 10.420 |
| 10/24/2025 7:00 | 1.257 | 1.537 | 1.734 | 3.318 | 1.283 | 4.059 | 54.50 | 53.100 | 49.424 | 52.401 | 53.438 | 59.164 | 29.150 | 10.380 |
| 10/24/2025 7:15 | 1.236 | 1.544 | 1.729 | 3.329 | 1.243 | 4.033 | 54.32 | 53.100 | 49.316 | 52.401 | 53.438 | 58.993 | 29.230 | 10.310 |
| 10/24/2025 7:30 | 1.212 | 1.548 | 1.703 | 3.328 | 1.211 | 4.061 | 54.15 | 53.100 | 49.190 | 52.225 | 53.438 | 58.993 | 28.900 | 10.320 |
| 10/24/2025 7:45 | 1.193 | 1.545 | 1.691 | 3.333 | 1.193 | 4.058 | 53.97 | 52.925 | 49.082 | 52.225 | 53.456 | 58.993 | 28.710 | 10.330 |
| 10/24/2025 8:00 | 1.168 | 1.541 | 1.684 | 3.329 | 1.166 | 4.066 | 53.80 | 52.925 | 48.974 | 52.225 | 53.456 | 58.993 | 28.490 | 10.200 |
| 10/24/2025 8:15 | 1.123 | 1.519 | 1.668 | 3.310 | 1.164 | 4.065 | 53.62 | 52.925 | 48.866 | 52.050 | 53.438 | 58.993 | 28.370 | 10.680 |
| 10/24/2025 8:30 | 1.087 | 1.503 | 1.677 | 3.291 | 1.143 | 4.040 | 53.45 | 52.750 | 48.758 | 52.050 | 53.456 | 58.993 | 28.150 | 10.130 |
| 10/24/2025 8:45 | 1.064 | 1.500 | 1.673 | 3.292 | 1.144 | 4.028 | 53.45 | 52.750 | 48.686 | 52.050 | 53.456 | 58.993 | 28.100 | 10.360 |
| 10/24/2025 9:00 | 1.028 | 1.480 | 1.677 | 3.280 | 1.141 | 4.020 | 53.45 | 52.750 | 48.632 | 52.050 | 53.456 | 58.993 | 27.980 | 9.220 |
| 10/24/2025 9:15 | 1.022 | 1.489 | 1.676 | 3.276 | 1.143 | 4.005 | 53.45 | 52.576 | 48.596 | 51.874 | 53.456 | 58.993 | 27.950 | 9.540 |
| 10/24/2025 9:30 | 0.995 | 1.482 | 1.690 | 3.281 | 1.135 | 4.009 | 53.45 | 52.576 | 48.578 | 51.874 | 53.420 | 58.993 | 27.830 | 9.800 |
| 10/24/2025 9:45 | 0.985 | 1.488 | 1.691 | 3.280 | 1.125 | 4.002 | 53.27 | 52.576 | 48.578 | 51.874 | 53.438 | 58.993 | 27.730 | 9.790 |
| 10/24/2025 10:00 | 0.987 | 1.489 | 1.701 | 3.288 | 1.116 | 4.005 | 53.45 | 52.576 | 48.614 | 51.874 | 53.420 | 58.993 | 27.850 | 9.770 |
| 10/24/2025 10:15 | 0.979 | 1.494 | 1.704 | 3.293 | 1.118 | 4.006 | 53.45 | 52.576 | 48.668 | 51.874 | 53.402 | 58.993 | 27.910 | 9.500 |
| 10/24/2025 10:30 | 0.968 | 1.505 | 1.701 | 3.293 | 1.129 | 4.021 | 53.45 | 52.401 | 48.758 | 51.874 | 53.420 | 58.993 | 27.890 | 9.550 |
| 10/24/2025 10:45 | 0.970 | 1.499 | 1.709 | 3.298 | 1.127 | 4.022 | 53.62 | 52.401 | 48.866 | 51.874 | 53.384 | 58.993 | 27.880 | 9.610 |
| 10/24/2025 11:00 | 1.046 | 1.496 | 1.710 | 3.299 | 1.129 | 4.027 | 53.62 | 52.401 | 49.010 | 51.874 | 53.384 | 58.993 | 27.890 | 9.690 |
| 10/24/2025 11:15 | 1.148 | 1.491 | 1.710 | 3.295 | 1.139 | 4.024 | 53.80 | 52.401 | 49.154 | 52.050 | 53.402 | 58.993 | 27.950 | 9.640 |
| 10/24/2025 11:30 | 1.376 | 1.502 | 1.692 | 3.294 | 1.289 | 4.027 | 53.97 | 52.401 | 49.334 | 52.050 | 53.492 | 58.993 | 27.980 | 9.650 |
| 10/24/2025 11:45 | 1.675 | 1.577 | 1.693 | 3.301 | 1.539 | 4.037 | 54.15 | 52.401 | 49.532 | 52.225 | 53.618 | 58.993 | 28.010 | 10.130 |
| 10/24/2025 12:00 | 2.071 | 1.887 | 1.729 | 3.294 | 1.921 | 4.025 | 54.32 | 52.401 | 49.748 | 52.225 | 54.446 | 58.993 | 25.780 | 10.210 |
| 10/24/2025 12:15 | 2.474 | 2.351 | 2.069 | 3.272 | 2.389 | 4.028 | 55.19 | 52.576 | 50.432 | 52.401 | 55.454 | 58.993 | 30.710 | 12.540 |
| 10/24/2025 12:30 | 2.930 | 2.825 | 2.557 | 3.271 | 2.841 | 4.006 | 55.19 | 52.576 | 50.522 | 52.576 | 55.580 | 58.993 | 31.420 | 10.450 |
| 10/24/2025 12:45 | 3.314 | 3.249 | 3.016 | 3.296 | 3.243 | 4.005 | 55.36 | 53.100 | 50.648 | 52.750 | 55.724 | 58.993 | 32.330 | 11.470 |
| 10/24/2025 13:00 | 3.707 | 3.552 | 3.450 | 3.554 | 3.540 | 4.005 | 55.36 | 53.973 | 51.026 | 52.925 | 55.598 | 58.993 | 32.280 | 11.080 |
| 10/24/2025 13:15 | 3.868 | 3.782 | 3.761 | 3.784 | 3.762 | 4.015 | 55.19 | 54.147 | 51.620 | 53.100 | 55.544 | 58.993 | 32.530 | 10.240 |
| 10/24/2025 13:30 | 3.968 | 3.938 | 3.988 | 3.926 | 3.911 | 4.018 | 55.19 | 54.322 | 52.556 | 53.274 | 55.562 | 58.993 | 32.740 | 14.510 |
| 10/24/2025 13:45 | 3.985 | 4.019 | 4.144 | 4.017 | 3.973 | 4.019 | 55.36 | 54.322 | 53.420 | 53.449 | 55.616 | 58.993 | 32.980 | 14.870 |
| 10/24/2025 14:00 | 3.920 | 3.988 | 4.226 | 4.087 | 3.914 | 4.020 | 55.36 | 54.495 | 53.924 | 53.798 | 55.634 | 58.993 | 33.370 | 20.320 |
| 10/24/2025 14:15 | 3.787 | 3.904 | 4.179 | 4.100 | 3.812 | 4.034 | 55.54 | 54.495 | 54.140 | 53.973 | 55.724 | 58.993 | 33.100 | 19.200 |
| 10/24/2025 14:30 | 3.642 | 3.790 | 4.110 | 4.056 | 3.684 | 4.031 | 55.54 | 54.495 | 54.302 | 54.147 | 55.814 | 58.993 | 33.620 | 21.380 |
| 10/24/2025 14:45 | 3.431 | 3.597 | 3.988 | 3.981 | 3.472 | 4.034 | 55.54 | 54.669 | 54.320 | 54.147 | 56.084 | 59.164 | 33.330 | 25.680 |
| 10/24/2025 15:00 | 3.179 | 3.362 | 3.806 | 3.856 | 3.236 | 4.028 | 55.71 | 54.669 | 54.410 | 54.147 | 56.354 | 59.164 | 33.010 | 26.580 |
| 10/24/2025 15:15 | 2.947 | 3.130 | 3.583 | 3.696 | 2.981 | 4.017 | 55.71 | 54.842 | 54.554 | 54.322 | 56.426 | 59.164 | 32.320 | 27.250 |
| 10/24/2025 15:30 | 2.716 | 2.889 | 3.346 | 3.550 | 2.750 | 4.026 | 55.88 | 54.842 | 54.734 | 54.495 | 56.408 | 59.164 | 31.760 | 26.480 |
| 10/24/2025 15:45 | 2.520 | 2.672 | 3.100 | 3.466 | 2.535 | 4.031 | 55.88 | 54.842 | 54.896 | 54.495 | 56.408 | 59.164 | 31.610 | 27.960 |
| 10/24/2025 16:00 | 2.341 | 2.471 | 2.863 | 3.419 | 2.353 | 4.039 | 55.88 | 55.017 | 55.022 | 54.669 | 56.408 | 59.164 | 31.390 | 28.450 |
| 10/24/2025 16:15 | 2.184 | 2.318 | 2.674 | 3.388 | 2.198 | 4.030 | 55.88 | 55.017 | 54.986 | 54.669 | 56.372 | 59.164 | 31.450 | 28.520 |
| 10/24/2025 16:30 | 2.067 | 2.185 | 2.515 | 3.378 | 2.068 | 4.030 | 56.06 | 55.017 | 54.842 | 54.669 | 56.354 | 59.164 | 30.740 | 27.750 |
| 10/24/2025 16:45 | 1.951 | 2.072 | 2.385 | 3.368 | 1.959 | 4.035 | 56.06 | 55.017 | 54.680 | 54.669 | 56.336 | 59.164 | 30.770 | 27.200 |
| 10/24/2025 17:00 | 1.865 | 1.985 | 2.273 | 3.362 | 1.853 | 4.033 | 56.06 | 55.017 | 54.554 | 54.669 | 56.318 | 59.337 | 31.230 | 24.640 |
| 10/24/2025 17:15 | 1.769 | 1.903 | 2.171 | 3.354 | 1.777 | 4.042 | 56.06 | 54.842 | 54.428 | 54.842 | 56.300 | 59.337 | 31.020 | 22.340 |
| 10/24/2025 17:30 | 1.695 | 1.827 | 2.099 | 3.358 | 1.691 | 4.037 | 56.06 | 54.842 | 54.338 | 54.842 | 56.282 | 59.337 | 30.750 | 20.890 |
| 10/24/2025 17:45 | 1.626 | 1.764 | 2.025 | 3.349 | 1.615 | 4.041 | 56.06 | 54.842 | 54.266 | 54.842 | 56.264 | 59.337 | 30.440 | 19.800 |
| 10/24/2025 18:00 | 1.566 | 1.713 | 1.959 | 3.344 | 1.562 | 4.043 | 56.06 | 54.842 | 54.230 | 54.842 | 56.228 | 59.337 | 30.260 | 17.690 |
| 10/24/2025 18:15 | 1.517 | 1.673 | 1.903 | 3.338 | 1.515 | 4.041 | 56.06 | 54.842 | 54.176 | 54.842 | 56.192 | 59.337 | 30.620 | 16.190 |
| 10/24/2025 18:30 | 1.457 | 1.634 | 1.866 | 3.334 | 1.466 | 4.040 | 56.06 | 54.842 | 54.140 | 54.842 | 56.138 | 59.337 | 30.760 | 15.180 |
| 10/24/2025 18:45 | 1.411 | 1.604 | 1.834 | 3.330 | 1.425 | 4.031 | 56.06 | 54.842 | 54.050 | 54.669 | 56.102 | 59.337 | 30.810 | 14.550 |
| 10/24/2025 19:00 | 1.368 | 1.582 | 1.800 | 3.323 | 1.384 | 4.028 | 56.06 | 54.669 | 53.960 | 54.669 | 56.066 | 59.508 | 31.020 | 14.250 |
| 10/24/2025 19:15 | 1.325 | 1.559 | 1.791 | 3.320 | 1.342 | 4.018 | 56.06 | 54.669 | 53.834 | 54.669 | 56.030 | 59.508 | 30.730 | 14.110 |
| 10/24/2025 19:30 | 1.293 | 1.554 | 1.777 | 3.319 | 1.326 | 4.022 | 56.06 | 54.669 | 53.690 | 54.669 | 56.012 | 59.508 | 30.860 | 14.030 |
| 10/24/2025 19:45 | 1.259 | 1.537 | 1.768 | 3.313 | 1.296 | 4.033 | 55.88 | 54.669 | 53.528 | 54.669 | 55.976 | 59.508 | 30.960 | 13.960 |
| 10/24/2025 20:00 | 1.230 | 1.532 | 1.752 | 3.307 | 1.268 | 4.019 | 55.88 | 54.669 | 53.384 | 54.495 | 55.940 | 59.508 | 30.550 | 13.930 |
| 10/24/2025 20:15 | 1.198 | 1.519 | 1.738 | 3.306 | 1.233 | 4.018 | 55.88 | 54.669 | 53.258 | 54.495 | 55.904 | 59.508 | 30.320 | 13.910 |
| 10/24/2025 20:30 | 1.181 | 1.526 | 1.728 | 3.309 | 1.226 | 4.021 | 55.88 | 54.495 | 53.132 | 54.495 | 55.868 | 59.508 | 30.070 | 13.910 |
| 10/24/2025 20:45 | 1.143 | 1.512 | 1.727 | 3.303 | 1.209 | 4.031 | 55.71 | 54.495 | 53.024 | 54.495 | 55.850 | 59.508 | 28.800 | 13.900 |
| 10/24/2025 21:00 | 1.120 | 1.508 | 1.722 | 3.294 | 1.208 | 4.018 | 55.71 | 54.495 | 52.898 | 54.322 | 55.832 | 59.508 | 28.760 | 13.910 |
| 10/24/2025 21:15 | 1.100 | 1.505 | 1.722 | 3.295 | 1.194 | 4.021 | 55.71 | 54.495 | 52.772 | 54.322 | 55.814 | 59.508 | 29.290 | 13.880 |
| 10/24/2025 21:30 | 1.085 | 1.513 | 1.717 | 3.303 | 1.181 | 4.025 | 55.71 | 54.495 | 52.646 | 54.322 | 55.778 | 59.508 | 29.170 | 13.920 |
| 10/24/2025 21:45 | 1.075 | 1.504 | 1.709 | 3.301 | 1.178 | 4.026 | 55.54 | 54.495 | 52.520 | 54.322 | 55.760 | 59.508 | 29.520 | 13.910 |
| 10/24/2025 22:00 | 1.053 | 1.506 | 1.711 | 3.295 | 1.167 | 4.027 | 55.54 | 54.495 | 52.412 | 54.147 | 55.742 | 59.508 | 29.740 | 13.900 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/24/2025 22:15 | 1.044 | 1.505 | 1.714 | 3.305 | 1.161 | 4.026 | 55.54 | 54.495 | 52.304 | 54.147 | 55.742 | 59.508 | 29.340 | 11.810 |
| 10/24/2025 22:30 | 1.020 | 1.503 | 1.711 | 3.297 | 1.152 | 4.024 | 55.54 | 54.322 | 52.196 | 54.147 | 55.724 | 59.508 | 28.990 | 13.920 |
| 10/24/2025 22:45 | 1.015 | 1.510 | 1.710 | 3.299 | 1.142 | 4.020 | 55.54 | 54.322 | 52.070 | 53.973 | 55.706 | 59.508 | 29.230 | 12.520 |
| 10/24/2025 23:00 | 1.000 | 1.504 | 1.715 | 3.300 | 1.136 | 4.023 | 55.54 | 54.322 | 51.944 | 53.973 | 55.688 | 59.508 | 28.920 | 13.900 |
| 10/24/2025 23:15 | 0.992 | 1.511 | 1.711 | 3.296 | 1.128 | 4.027 | 55.36 | 54.322 | 51.800 | 53.973 | 55.670 | 59.508 | 29.400 | 14.460 |
| 10/24/2025 23:30 | 0.977 | 1.504 | 1.703 | 3.304 | 1.113 | 4.024 | 55.36 | 54.147 | 51.674 | 53.798 | 55.652 | 59.508 | 29.400 | 13.910 |
| 10/24/2025 23:45 | 0.971 | 1.510 | 1.695 | 3.298 | 1.106 | 4.017 | 55.36 | 54.147 | 51.512 | 53.798 | 55.634 | 59.508 | 29.140 | 13.900 |
| 10/25/2025 0:00 | 0.965 | 1.503 | 1.703 | 3.296 | 1.106 | 4.026 | 55.36 | 54.147 | 51.350 | 53.798 | 55.598 | 59.508 | 29.450 | 13.890 |
| 10/25/2025 0:15 | 1.033 | 1.506 | 1.699 | 3.301 | 1.114 | 4.019 | 55.19 | 54.147 | 51.188 | 53.623 | 55.580 | 59.337 | 29.460 | 11.740 |
| 10/25/2025 0:30 | 1.094 | 1.504 | 1.698 | 3.295 | 1.140 | 4.021 | 55.19 | 54.147 | 51.044 | 53.623 | 55.562 | 59.337 | 29.560 | 13.260 |
| 10/25/2025 0:45 | 1.219 | 1.506 | 1.698 | 3.297 | 1.194 | 4.015 | 55.19 | 53.973 | 50.900 | 53.623 | 55.526 | 59.337 | 29.310 | 12.960 |
| 10/25/2025 1:00 | 1.393 | 1.510 | 1.698 | 3.296 | 1.334 | 4.017 | 55.19 | 53.973 | 50.738 | 53.449 | 55.508 | 59.337 | 29.720 | 11.800 |
| 10/25/2025 1:15 | 1.594 | 1.594 | 1.688 | 3.301 | 1.543 | 4.021 | 55.19 | 53.973 | 50.630 | 53.449 | 55.094 | 59.337 | 26.510 | 13.890 |
| 10/25/2025 1:30 | 1.836 | 1.802 | 1.761 | 3.301 | 1.770 | 4.014 | 55.19 | 53.973 | 50.486 | 53.274 | 54.158 | 59.337 | 24.660 | 13.890 |
| 10/25/2025 1:45 | 2.088 | 2.075 | 1.958 | 3.298 | 2.006 | 4.011 | 54.84 | 53.798 | 50.360 | 53.274 | 53.996 | 59.337 | 28.460 | 15.050 |
| 10/25/2025 2:00 | 2.291 | 2.312 | 2.236 | 3.293 | 2.233 | 4.014 | 54.15 | 53.798 | 50.270 | 53.274 | 53.636 | 59.164 | 30.610 | 13.610 |
| 10/25/2025 2:15 | 2.470 | 2.524 | 2.480 | 3.305 | 2.426 | 3.999 | 54.32 | 53.798 | 50.090 | 53.100 | 53.582 | 59.164 | 32.070 | 13.540 |
| 10/25/2025 2:30 | 2.592 | 2.645 | 2.691 | 3.300 | 2.551 | 4.007 | 54.32 | 53.623 | 50.126 | 53.100 | 53.654 | 59.164 | 30.200 | 13.470 |
| 10/25/2025 2:45 | 2.573 | 2.681 | 2.808 | 3.304 | 2.569 | 4.002 | 54.32 | 53.623 | 50.396 | 52.925 | 53.798 | 59.164 | 32.440 | 13.460 |
| 10/25/2025 3:00 | 2.492 | 2.590 | 2.853 | 3.298 | 2.495 | 3.999 | 54.32 | 53.623 | 50.702 | 52.925 | 53.870 | 59.164 | 32.360 | 13.480 |
| 10/25/2025 3:15 | 2.365 | 2.466 | 2.773 | 3.300 | 2.362 | 3.993 | 54.32 | 53.623 | 50.972 | 52.750 | 53.906 | 59.164 | 32.320 | 13.510 |
| 10/25/2025 3:30 | 2.243 | 2.344 | 2.652 | 3.305 | 2.226 | 3.999 | 54.32 | 53.623 | 51.206 | 52.750 | 53.906 | 59.164 | 32.320 | 12.640 |
| 10/25/2025 3:45 | 2.109 | 2.222 | 2.508 | 3.305 | 2.087 | 3.999 | 54.32 | 53.623 | 51.404 | 52.750 | 53.906 | 58.993 | 32.460 | 12.650 |
| 10/25/2025 4:00 | 1.995 | 2.105 | 2.385 | 3.302 | 1.968 | 4.007 | 54.15 | 53.623 | 51.548 | 52.576 | 53.906 | 58.993 | 32.210 | 13.700 |
| 10/25/2025 4:15 | 1.888 | 2.000 | 2.273 | 3.305 | 1.863 | 4.005 | 54.15 | 53.623 | 51.638 | 52.576 | 53.906 | 58.993 | 32.210 | 11.860 |
| 10/25/2025 4:30 | 1.792 | 1.906 | 2.154 | 3.307 | 1.781 | 4.008 | 54.15 | 53.623 | 51.692 | 52.576 | 53.906 | 58.993 | 32.290 | 11.970 |
| 10/25/2025 4:45 | 1.711 | 1.827 | 2.079 | 3.304 | 1.710 | 4.005 | 54.15 | 53.623 | 51.692 | 52.401 | 53.924 | 58.993 | 32.150 | 12.050 |
| 10/25/2025 5:00 | 1.647 | 1.769 | 2.014 | 3.310 | 1.635 | 4.003 | 54.32 | 53.623 | 51.548 | 52.401 | 53.942 | 58.993 | 32.020 | 12.100 |
| 10/25/2025 5:15 | 1.570 | 1.702 | 1.945 | 3.305 | 1.576 | 4.009 | 54.32 | 53.623 | 51.134 | 52.401 | 53.942 | 58.993 | 31.890 | 12.240 |
| 10/25/2025 5:30 | 1.516 | 1.657 | 1.884 | 3.309 | 1.513 | 4.003 | 54.32 | 53.623 | 50.792 | 52.225 | 53.960 | 58.993 | 31.990 | 12.270 |
| 10/25/2025 5:45 | 1.467 | 1.620 | 1.840 | 3.310 | 1.465 | 4.007 | 54.32 | 53.623 | 50.486 | 52.225 | 53.960 | 58.993 | 31.850 | 12.400 |
| 10/25/2025 6:00 | 1.416 | 1.590 | 1.800 | 3.315 | 1.410 | 4.012 | 54.32 | 53.449 | 50.198 | 52.225 | 53.960 | 58.993 | 31.920 | 12.380 |
| 10/25/2025 6:15 | 1.383 | 1.572 | 1.756 | 3.321 | 1.369 | 4.010 | 54.50 | 53.449 | 49.982 | 52.225 | 53.960 | 58.993 | 32.100 | 12.230 |
| 10/25/2025 6:30 | 1.333 | 1.550 | 1.737 | 3.312 | 1.329 | 4.018 | 54.50 | 53.449 | 49.910 | 52.050 | 53.978 | 58.993 | 31.690 | 12.120 |
| 10/25/2025 6:45 | 1.290 | 1.535 | 1.723 | 3.313 | 1.295 | 4.014 | 54.50 | 53.449 | 49.820 | 52.050 | 53.978 | 58.993 | 31.780 | 11.950 |
| 10/25/2025 7:00 | 1.247 | 1.516 | 1.714 | 3.314 | 1.267 | 4.015 | 54.50 | 53.449 | 49.730 | 52.050 | 53.978 | 58.993 | 31.870 | 11.550 |
| 10/25/2025 7:15 | 1.231 | 1.523 | 1.700 | 3.321 | 1.240 | 4.007 | 54.50 | 53.274 | 49.622 | 52.050 | 53.978 | 58.820 | 31.730 | 11.960 |
| 10/25/2025 7:30 | 1.197 | 1.513 | 1.693 | 3.318 | 1.223 | 4.024 | 54.50 | 53.274 | 49.496 | 51.874 | 53.888 | 58.820 | 31.600 | 11.810 |
| 10/25/2025 7:45 | 1.174 | 1.518 | 1.687 | 3.326 | 1.196 | 4.018 | 54.32 | 53.274 | 49.370 | 51.874 | 53.870 | 58.820 | 31.480 | 11.830 |
| 10/25/2025 8:00 | 1.145 | 1.516 | 1.668 | 3.317 | 1.192 | 4.023 | 54.32 | 53.274 | 49.262 | 51.874 | 53.870 | 58.820 | 31.360 | 12.160 |
| 10/25/2025 8:15 | 1.117 | 1.507 | 1.684 | 3.308 | 1.183 | 4.017 | 54.32 | 53.100 | 49.172 | 51.874 | 53.888 | 58.820 | 31.310 | 11.850 |
| 10/25/2025 8:30 | 1.098 | 1.512 | 1.681 | 3.314 | 1.160 | 4.015 | 54.32 | 53.100 | 49.082 | 51.874 | 53.924 | 58.820 | 31.190 | 13.520 |
| 10/25/2025 8:45 | 1.070 | 1.507 | 1.666 | 3.309 | 1.149 | 4.012 | 54.32 | 53.100 | 49.046 | 51.874 | 53.960 | 58.820 | 31.260 | 13.670 |
| 10/25/2025 9:00 | 1.060 | 1.506 | 1.671 | 3.312 | 1.137 | 4.011 | 54.15 | 52.925 | 48.758 | 51.874 | 53.996 | 58.820 | 31.220 | 12.730 |
| 10/25/2025 9:15 | 1.035 | 1.500 | 1.683 | 3.306 | 1.132 | 4.013 | 54.15 | 52.925 | 48.794 | 51.874 | 54.050 | 58.820 | 31.200 | 13.520 |
| 10/25/2025 9:30 | 1.009 | 1.494 | 1.678 | 3.296 | 1.126 | 4.008 | 54.15 | 52.925 | 48.884 | 51.874 | 54.122 | 58.820 | 31.130 | 11.730 |
| 10/25/2025 9:45 | 0.993 | 1.486 | 1.671 | 3.283 | 1.120 | 3.994 | 54.15 | 52.925 | 48.956 | 51.874 | 54.176 | 58.820 | 31.120 | 11.910 |
| 10/25/2025 10:00 | 0.979 | 1.495 | 1.674 | 3.293 | 1.112 | 3.989 | 54.32 | 52.925 | 49.046 | 51.874 | 54.212 | 58.820 | 31.090 | 11.720 |
| 10/25/2025 10:15 | 0.961 | 1.489 | 1.675 | 3.287 | 1.093 | 4.002 | 54.32 | 52.925 | 49.172 | 52.050 | 54.248 | 58.820 | 31.070 | 13.190 |
| 10/25/2025 10:30 | 0.950 | 1.482 | 1.660 | 3.289 | 1.083 | 3.996 | 54.32 | 52.925 | 49.298 | 52.050 | 54.320 | 58.820 | 30.940 | 11.770 |
| 10/25/2025 10:45 | 0.935 | 1.482 | 1.670 | 3.285 | 1.103 | 3.996 | 54.50 | 52.925 | 49.442 | 52.050 | 54.410 | 58.820 | 30.900 | 11.840 |
| 10/25/2025 11:00 | 0.926 | 1.485 | 1.676 | 3.285 | 1.092 | 3.993 | 54.50 | 52.925 | 49.604 | 52.225 | 54.518 | 58.820 | 30.810 | 14.000 |
| 10/25/2025 11:15 | 0.903 | 1.472 | 1.679 | 3.276 | 1.069 | 4.003 | 54.67 | 52.925 | 49.748 | 52.225 | 54.644 | 58.820 | 30.800 | 13.850 |
| 10/25/2025 11:30 | 0.900 | 1.473 | 1.656 | 3.286 | 1.067 | 3.987 | 54.67 | 52.925 | 49.892 | 52.401 | 54.734 | 58.820 | 30.810 | 14.040 |
| 10/25/2025 11:45 | 0.967 | 1.477 | 1.666 | 3.290 | 1.075 | 3.991 | 54.67 | 52.925 | 50.036 | 52.576 | 54.824 | 58.820 | 30.780 | 14.020 |
| 10/25/2025 12:00 | 1.054 | 1.466 | 1.668 | 3.279 | 1.097 | 3.992 | 54.84 | 53.100 | 50.180 | 52.576 | 54.878 | 58.820 | 30.820 | 11.910 |
| 10/25/2025 12:15 | 1.206 | 1.445 | 1.668 | 3.258 | 1.166 | 3.992 | 54.84 | 53.100 | 50.324 | 52.750 | 54.914 | 58.820 | 30.740 | 11.920 |
| 10/25/2025 12:30 | 1.456 | 1.456 | 1.665 | 3.251 | 1.391 | 3.967 | 55.02 | 53.100 | 50.468 | 52.750 | 54.986 | 58.820 | 30.610 | 11.930 |
| 10/25/2025 12:45 | 1.776 | 1.652 | 1.670 | 3.267 | 1.729 | 3.967 | 55.19 | 53.274 | 50.648 | 52.925 | 54.896 | 58.820 | 22.340 | 11.830 |
| 10/25/2025 13:00 | 2.168 | 2.047 | 1.828 | 3.272 | 2.083 | 3.978 | 55.54 | 53.274 | 50.918 | 53.100 | 55.526 | 58.820 | 29.560 | 12.020 |
| 10/25/2025 13:15 | 2.602 | 2.499 | 2.235 | 3.269 | 2.510 | 3.983 | 55.54 | 53.274 | 51.260 | 53.274 | 55.616 | 58.820 | 31.300 | 10.710 |
| 10/25/2025 13:30 | 2.982 | 2.922 | 2.692 | 3.282 | 2.896 | 3.986 | 55.54 | 53.449 | 51.404 | 53.449 | 55.562 | 58.820 | 31.840 | 10.480 |
| 10/25/2025 13:45 | 3.238 | 3.242 | 3.105 | 3.322 | 3.210 | 3.994 | 55.54 | 54.147 | 51.584 | 53.798 | 55.544 | 58.820 | 32.250 | 10.500 |
| 10/25/2025 14:00 | 3.459 | 3.462 | 3.430 | 3.510 | 3.436 | 4.009 | 55.36 | 54.322 | 52.034 | 53.973 | 55.364 | 58.820 | 32.730 | 10.520 |
| 10/25/2025 14:15 | 3.512 | 3.564 | 3.663 | 3.687 | 3.505 | 3.998 | 55.36 | 54.495 | 52.592 | 54.147 | 55.238 | 58.820 | 32.740 | 13.250 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/25/2025 14:30 | 3.528 | 3.603 | 3.780 | 3.769 | 3.512 | 3.999 | 55.19 | 54.495 | 53.258 | 54.147 | 55.220 | 58.820 | 32.860 | 14.790 |
| 10/25/2025 14:45 | 3.393 | 3.518 | 3.813 | 3.736 | 3.424 | 4.000 | 55.19 | 54.495 | 53.780 | 53.973 | 55.166 | 58.993 | 32.860 | 18.090 |
| 10/25/2025 15:00 | 3.275 | 3.400 | 3.722 | 3.653 | 3.291 | 4.004 | 55.19 | 54.495 | 54.050 | 54.147 | 55.148 | 58.993 | 32.800 | 20.490 |
| 10/25/2025 15:15 | 3.105 | 3.237 | 3.595 | 3.547 | 3.152 | 3.994 | 55.36 | 54.495 | 54.158 | 54.147 | 55.184 | 58.993 | 32.730 | 21.800 |
| 10/25/2025 15:30 | 2.909 | 3.043 | 3.438 | 3.448 | 2.930 | 4.000 | 55.36 | 54.495 | 54.248 | 54.147 | 55.256 | 58.993 | 32.320 | 22.710 |
| 10/25/2025 15:45 | 2.692 | 2.817 | 3.247 | 3.378 | 2.728 | 4.006 | 55.36 | 54.669 | 54.284 | 54.147 | 55.310 | 58.993 | 32.070 | 23.300 |
| 10/25/2025 16:00 | 2.495 | 2.618 | 3.038 | 3.349 | 2.516 | 4.002 | 55.36 | 54.669 | 54.302 | 54.322 | 55.346 | 58.993 | 31.930 | 23.700 |
| 10/25/2025 16:15 | 2.322 | 2.443 | 2.832 | 3.330 | 2.334 | 4.003 | 55.36 | 54.669 | 54.302 | 54.322 | 55.364 | 58.993 | 31.980 | 23.970 |
| 10/25/2025 16:30 | 2.168 | 2.282 | 2.641 | 3.307 | 2.173 | 4.004 | 55.36 | 54.669 | 54.320 | 54.322 | 55.382 | 58.993 | 31.820 | 24.170 |
| 10/25/2025 16:45 | 2.045 | 2.158 | 2.489 | 3.310 | 2.041 | 4.000 | 55.36 | 54.669 | 54.356 | 54.322 | 55.418 | 58.993 | 31.790 | 24.300 |
| 10/25/2025 17:00 | 1.940 | 2.044 | 2.343 | 3.292 | 1.920 | 4.008 | 55.36 | 54.669 | 54.338 | 54.322 | 55.436 | 59.164 | 31.740 | 24.420 |
| 10/25/2025 17:15 | 1.842 | 1.949 | 2.230 | 3.289 | 1.821 | 4.009 | 55.36 | 54.842 | 54.284 | 54.322 | 55.454 | 59.164 | 31.560 | 24.510 |
| 10/25/2025 17:30 | 1.756 | 1.870 | 2.126 | 3.286 | 1.737 | 4.006 | 55.36 | 54.842 | 54.176 | 54.322 | 55.454 | 59.164 | 31.740 | 24.580 |
| 10/25/2025 17:45 | 1.676 | 1.796 | 2.040 | 3.284 | 1.671 | 4.013 | 55.36 | 54.842 | 54.032 | 54.322 | 55.454 | 59.164 | 31.680 | 24.610 |
| 10/25/2025 18:00 | 1.608 | 1.732 | 1.980 | 3.282 | 1.600 | 4.009 | 55.54 | 54.842 | 53.816 | 54.147 | 55.436 | 59.164 | 31.430 | 24.680 |
| 10/25/2025 18:15 | 1.546 | 1.672 | 1.922 | 3.279 | 1.542 | 4.013 | 55.54 | 54.842 | 53.582 | 54.147 | 55.418 | 59.164 | 31.440 | 24.690 |
| 10/25/2025 18:30 | 1.495 | 1.626 | 1.868 | 3.279 | 1.485 | 4.011 | 55.54 | 54.842 | 53.438 | 54.147 | 55.400 | 59.164 | 31.190 | 24.540 |
| 10/25/2025 18:45 | 1.440 | 1.588 | 1.812 | 3.279 | 1.431 | 4.007 | 55.54 | 54.842 | 53.294 | 54.147 | 55.382 | 59.164 | 31.390 | 24.410 |
| 10/25/2025 19:00 | 1.389 | 1.557 | 1.789 | 3.278 | 1.399 | 4.014 | 55.54 | 54.669 | 53.132 | 53.973 | 55.364 | 59.164 | 31.360 | 23.890 |
| 10/25/2025 19:15 | 1.346 | 1.527 | 1.759 | 3.276 | 1.356 | 4.007 | 55.54 | 54.669 | 52.934 | 53.973 | 55.364 | 59.164 | 31.290 | 18.120 |
| 10/25/2025 19:30 | 1.308 | 1.517 | 1.732 | 3.277 | 1.325 | 4.000 | 55.54 | 54.669 | 52.772 | 53.973 | 55.346 | 59.164 | 31.210 | 13.860 |
| 10/25/2025 19:45 | 1.272 | 1.505 | 1.711 | 3.280 | 1.292 | 3.990 | 55.54 | 54.669 | 52.592 | 53.798 | 55.328 | 59.164 | 31.100 | 13.740 |
| 10/25/2025 20:00 | 1.236 | 1.498 | 1.703 | 3.284 | 1.251 | 3.994 | 55.36 | 54.669 | 52.412 | 53.798 | 55.328 | 59.164 | 31.120 | 13.770 |
| 10/25/2025 20:15 | 1.199 | 1.488 | 1.690 | 3.282 | 1.227 | 3.994 | 55.36 | 54.669 | 52.214 | 53.798 | 55.310 | 59.164 | 31.210 | 16.040 |
| 10/25/2025 20:30 | 1.173 | 1.482 | 1.683 | 3.283 | 1.215 | 3.984 | 55.36 | 54.669 | 52.052 | 53.623 | 55.310 | 59.164 | 30.890 | 13.790 |
| 10/25/2025 20:45 | 1.149 | 1.478 | 1.681 | 3.278 | 1.200 | 3.986 | 55.36 | 54.669 | 51.674 | 53.623 | 55.292 | 59.164 | 30.630 | 10.350 |
| 10/25/2025 21:00 | 1.114 | 1.481 | 1.680 | 3.281 | 1.193 | 3.981 | 55.36 | 54.669 | 51.584 | 53.449 | 55.274 | 59.164 | 29.980 | 10.700 |
| 10/25/2025 21:15 | 1.095 | 1.479 | 1.685 | 3.282 | 1.187 | 3.981 | 55.36 | 54.669 | 51.512 | 53.449 | 55.274 | 59.164 | 29.900 | 10.560 |
| 10/25/2025 21:30 | 1.079 | 1.474 | 1.693 | 3.285 | 1.195 | 3.975 | 55.36 | 54.495 | 51.422 | 53.449 | 55.256 | 59.164 | 29.800 | 9.030 |
| 10/25/2025 21:45 | 1.054 | 1.474 | 1.709 | 3.284 | 1.187 | 3.981 | 55.19 | 54.495 | 51.314 | 53.274 | 55.274 | 59.164 | 29.750 | 9.020 |
| 10/25/2025 22:00 | 1.043 | 1.482 | 1.706 | 3.289 | 1.185 | 3.985 | 55.19 | 54.495 | 51.224 | 53.274 | 55.256 | 59.164 | 29.790 | 10.460 |
| 10/25/2025 22:15 | 1.022 | 1.473 | 1.712 | 3.280 | 1.158 | 3.989 | 55.19 | 54.495 | 51.116 | 53.274 | 55.238 | 59.164 | 29.770 | 10.410 |
| 10/25/2025 22:30 | 0.997 | 1.473 | 1.699 | 3.280 | 1.142 | 3.981 | 55.02 | 54.495 | 51.008 | 53.274 | 55.238 | 59.164 | 29.660 | 10.430 |
| 10/25/2025 22:45 | 0.987 | 1.475 | 1.685 | 3.277 | 1.125 | 3.981 | 55.02 | 54.495 | 50.900 | 53.100 | 55.202 | 59.164 | 29.640 | 10.560 |
| 10/25/2025 23:00 | 0.967 | 1.482 | 1.691 | 3.273 | 1.112 | 3.984 | 55.02 | 54.322 | 50.792 | 53.100 | 55.202 | 59.164 | 29.500 | 10.580 |
| 10/25/2025 23:15 | 0.952 | 1.475 | 1.678 | 3.277 | 1.114 | 3.980 | 55.02 | 54.322 | 50.702 | 53.100 | 55.184 | 59.164 | 29.630 | 10.240 |
| 10/25/2025 23:30 | 0.945 | 1.484 | 1.683 | 3.282 | 1.099 | 3.980 | 55.02 | 54.322 | 50.630 | 53.100 | 55.184 | 59.164 | 29.650 | 10.770 |
| 10/25/2025 23:45 | 0.930 | 1.477 | 1.679 | 3.282 | 1.102 | 3.984 | 54.84 | 54.322 | 50.558 | 52.925 | 55.166 | 58.993 | 29.660 | 10.330 |
| 10/26/2025 0:00 | 0.927 | 1.490 | 1.684 | 3.296 | 1.097 | 3.989 | 54.84 | 54.147 | 50.486 | 52.925 | 55.148 | 58.993 | 27.110 | 8.990 |
| 10/26/2025 0:15 | 0.919 | 1.485 | 1.688 | 3.291 | 1.093 | 3.994 | 54.84 | 54.147 | 50.396 | 52.925 | 55.148 | 58.993 | 26.730 | 10.770 |
| 10/26/2025 0:30 | 0.901 | 1.479 | 1.681 | 3.284 | 1.093 | 3.986 | 54.84 | 54.147 | 50.306 | 52.925 | 55.130 | 58.993 | 26.560 | 9.430 |
| 10/26/2025 0:45 | 0.895 | 1.481 | 1.692 | 3.286 | 1.096 | 3.990 | 54.67 | 54.147 | 50.216 | 52.750 | 55.130 | 58.993 | 26.790 | 9.280 |
| 10/26/2025 1:00 | 0.907 | 1.481 | 1.692 | 3.290 | 1.094 | 3.982 | 54.67 | 53.973 | 50.162 | 52.750 | 55.112 | 58.993 | 26.590 | 9.260 |
| 10/26/2025 1:15 | 0.941 | 1.473 | 1.690 | 3.286 | 1.082 | 3.990 | 54.50 | 53.973 | 50.108 | 52.750 | 55.094 | 58.993 | 26.820 | 9.350 |
| 10/26/2025 1:30 | 1.002 | 1.479 | 1.692 | 3.287 | 1.100 | 3.986 | 54.50 | 53.973 | 50.036 | 52.576 | 55.076 | 58.993 | 26.580 | 9.260 |
| 10/26/2025 1:45 | 1.113 | 1.479 | 1.687 | 3.291 | 1.123 | 3.991 | 54.50 | 53.973 | 49.982 | 52.576 | 55.076 | 58.993 | 26.710 | 9.350 |
| 10/26/2025 2:00 | 1.232 | 1.480 | 1.687 | 3.288 | 1.203 | 3.980 | 54.50 | 53.798 | 49.928 | 52.576 | 55.058 | 58.993 | 26.860 | 9.290 |
| 10/26/2025 2:15 | 1.378 | 1.487 | 1.677 | 3.292 | 1.346 | 3.984 | 54.50 | 53.798 | 49.874 | 52.576 | 55.040 | 58.820 | 26.450 | 9.410 |
| 10/26/2025 2:30 | 1.509 | 1.546 | 1.686 | 3.289 | 1.488 | 3.995 | 54.50 | 53.798 | 49.802 | 52.576 | 54.896 | 58.820 | 30.300 | 11.080 |
| 10/26/2025 2:45 | 1.670 | 1.691 | 1.714 | 3.292 | 1.653 | 3.985 | 54.32 | 53.798 | 49.946 | 52.401 | 53.852 | 58.820 | 25.900 | 14.210 |
| 10/26/2025 3:00 | 1.793 | 1.849 | 1.861 | 3.293 | 1.795 | 3.981 | 54.32 | 53.623 | 50.198 | 52.401 | 53.690 | 58.820 | 26.210 | 18.570 |
| 10/26/2025 3:15 | 1.893 | 1.965 | 2.028 | 3.290 | 1.880 | 3.990 | 54.32 | 53.623 | 50.378 | 52.401 | 53.564 | 58.820 | 29.040 | 17.630 |
| 10/26/2025 3:30 | 1.948 | 2.037 | 2.155 | 3.278 | 1.953 | 3.987 | 54.15 | 53.449 | 50.072 | 52.401 | 53.492 | 58.820 | 29.960 | 17.590 |
| 10/26/2025 3:45 | 1.939 | 2.011 | 2.226 | 3.290 | 1.914 | 3.968 | 53.97 | 53.449 | 49.856 | 52.401 | 53.582 | 58.820 | 28.140 | 16.160 |
| 10/26/2025 4:00 | 1.873 | 1.962 | 2.194 | 3.291 | 1.844 | 3.976 | 53.97 | 53.449 | 49.748 | 52.401 | 53.654 | 58.820 | 30.570 | 16.760 |
| 10/26/2025 4:15 | 1.779 | 1.886 | 2.140 | 3.295 | 1.762 | 3.988 | 53.97 | 53.449 | 49.712 | 52.225 | 53.672 | 58.820 | 27.310 | 16.310 |
| 10/26/2025 4:30 | 1.697 | 1.818 | 2.063 | 3.296 | 1.684 | 3.989 | 53.97 | 53.274 | 49.694 | 52.225 | 53.672 | 58.820 | 30.540 | 16.120 |
| 10/26/2025 4:45 | 1.619 | 1.741 | 2.000 | 3.288 | 1.612 | 3.983 | 53.97 | 53.274 | 49.550 | 52.225 | 53.690 | 58.820 | 30.440 | 15.470 |
| 10/26/2025 5:00 | 1.553 | 1.684 | 1.929 | 3.292 | 1.554 | 3.979 | 54.15 | 53.274 | 49.262 | 52.225 | 53.708 | 58.820 | 30.290 | 14.380 |
| 10/26/2025 5:15 | 1.492 | 1.629 | 1.860 | 3.299 | 1.481 | 3.986 | 53.97 | 53.274 | 49.136 | 52.225 | 53.726 | 58.820 | 30.240 | 12.540 |
| 10/26/2025 5:30 | 1.434 | 1.591 | 1.817 | 3.295 | 1.442 | 3.985 | 54.15 | 53.274 | 49.082 | 52.225 | 53.744 | 58.820 | 30.180 | 10.370 |
| 10/26/2025 5:45 | 1.383 | 1.557 | 1.786 | 3.295 | 1.386 | 3.977 | 54.15 | 53.274 | 49.064 | 52.050 | 53.762 | 58.820 | 30.260 | 9.130 |
| 10/26/2025 6:00 | 1.339 | 1.545 | 1.738 | 3.291 | 1.335 | 3.981 | 54.15 | 53.274 | 49.118 | 52.050 | 53.780 | 58.647 | 30.200 | 8.550 |
| 10/26/2025 6:15 | 1.292 | 1.511 | 1.719 | 3.287 | 1.309 | 3.980 | 54.15 | 53.274 | 49.280 | 52.050 | 53.780 | 58.647 | 30.270 | 8.460 |
| 10/26/2025 6:30 | 1.259 | 1.513 | 1.701 | 3.305 | 1.275 | 3.973 | 54.32 | 53.100 | 49.352 | 52.050 | 53.798 | 58.647 | 30.460 | 8.430 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/26/2025 6:45 | 1.210 | 1.499 | 1.684 | 3.291 | 1.247 | 3.987 | 54.32 | 53.100 | 49.370 | 52.050 | 53.816 | 58.647 | 29.880 | 8.410 |
| 10/26/2025 7:00 | 1.180 | 1.497 | 1.711 | 3.289 | 1.223 | 3.980 | 54.32 | 53.100 | 49.334 | 52.050 | 53.816 | 58.647 | 30.240 | 7.140 |
| 10/26/2025 7:15 | 1.150 | 1.491 | 1.671 | 3.298 | 1.201 | 3.978 | 54.32 | 53.100 | 49.154 | 52.050 | 53.816 | 58.647 | 30.230 | 7.070 |
| 10/26/2025 7:30 | 1.126 | 1.490 | 1.670 | 3.290 | 1.189 | 3.987 | 54.15 | 52.925 | 49.172 | 52.050 | 53.834 | 58.647 | 30.150 | 5.920 |
| 10/26/2025 7:45 | 1.098 | 1.490 | 1.666 | 3.301 | 1.171 | 3.972 | 54.15 | 52.925 | 49.136 | 51.874 | 53.834 | 58.647 | 30.200 | 5.950 |
| 10/26/2025 8:00 | 1.074 | 1.490 | 1.662 | 3.289 | 1.166 | 3.983 | 54.15 | 52.925 | 49.118 | 51.874 | 53.834 | 58.647 | 30.070 | 5.840 |
| 10/26/2025 8:15 | 1.051 | 1.490 | 1.666 | 3.297 | 1.144 | 3.979 | 54.15 | 52.750 | 49.100 | 51.874 | 53.852 | 58.647 | 30.160 | 5.840 |
| 10/26/2025 8:30 | 1.038 | 1.492 | 1.667 | 3.296 | 1.115 | 3.986 | 54.15 | 52.750 | 49.046 | 51.874 | 53.870 | 58.647 | 29.930 | 5.820 |
| 10/26/2025 8:45 | 1.011 | 1.482 | 1.643 | 3.289 | 1.103 | 3.985 | 54.15 | 52.750 | 49.028 | 51.874 | 53.888 | 58.647 | 30.080 | 5.790 |
| 10/26/2025 9:00 | 0.995 | 1.486 | 1.648 | 3.293 | 1.101 | 3.985 | 54.15 | 52.750 | 49.028 | 51.874 | 53.906 | 58.647 | 30.200 | 5.840 |
| 10/26/2025 9:15 | 0.973 | 1.479 | 1.661 | 3.290 | 1.103 | 3.985 | 54.15 | 52.750 | 49.028 | 51.874 | 53.924 | 58.647 | 29.980 | 5.800 |
| 10/26/2025 9:30 | 0.941 | 1.455 | 1.663 | 3.270 | 1.100 | 3.975 | 54.15 | 52.750 | 49.046 | 51.874 | 53.978 | 58.647 | 29.940 | 5.770 |
| 10/26/2025 9:45 | 0.920 | 1.454 | 1.674 | 3.261 | 1.082 | 3.958 | 54.15 | 52.750 | 49.100 | 51.874 | 54.032 | 58.647 | 30.020 | 5.770 |
| 10/26/2025 10:00 | 0.918 | 1.467 | 1.659 | 3.278 | 1.089 | 3.950 | 54.15 | 52.576 | 49.172 | 51.874 | 54.086 | 58.647 | 29.940 | 5.790 |
| 10/26/2025 10:15 | 0.902 | 1.462 | 1.666 | 3.278 | 1.072 | 3.963 | 54.32 | 52.576 | 49.280 | 52.050 | 54.086 | 58.647 | 29.880 | 5.820 |
| 10/26/2025 10:30 | 0.891 | 1.471 | 1.661 | 3.287 | 1.094 | 3.966 | 54.32 | 52.576 | 49.370 | 52.050 | 54.104 | 58.647 | 29.770 | 5.780 |
| 10/26/2025 10:45 | 0.873 | 1.468 | 1.680 | 3.273 | 1.081 | 3.963 | 54.50 | 52.576 | 49.478 | 52.050 | 54.122 | 58.647 | 29.640 | 5.750 |
| 10/26/2025 11:00 | 0.863 | 1.462 | 1.670 | 3.274 | 1.072 | 3.969 | 54.50 | 52.750 | 49.568 | 52.050 | 54.140 | 58.647 | 29.740 | 5.700 |
| 10/26/2025 11:15 | 0.858 | 1.461 | 1.673 | 3.277 | 1.065 | 3.963 | 54.67 | 52.750 | 49.640 | 52.050 | 54.158 | 58.647 | 29.460 | 6.410 |
| 10/26/2025 11:30 | 0.857 | 1.467 | 1.666 | 3.284 | 1.054 | 3.965 | 54.84 | 52.750 | 49.730 | 52.225 | 54.194 | 58.647 | 29.470 | 6.760 |
| 10/26/2025 11:45 | 0.833 | 1.463 | 1.658 | 3.279 | 1.062 | 3.984 | 54.84 | 52.750 | 49.802 | 52.225 | 54.320 | 58.820 | 29.520 | 5.970 |
| 10/26/2025 12:00 | 0.834 | 1.464 | 1.678 | 3.276 | 1.056 | 3.979 | 55.02 | 52.750 | 49.892 | 52.225 | 54.482 | 58.820 | 29.580 | 5.900 |
| 10/26/2025 12:15 | 0.820 | 1.462 | 1.671 | 3.279 | 1.042 | 3.984 | 55.02 | 52.750 | 50.000 | 52.401 | 54.572 | 58.820 | 29.470 | 5.980 |
| 10/26/2025 12:30 | 0.874 | 1.449 | 1.655 | 3.267 | 1.059 | 3.971 | 55.19 | 52.925 | 50.144 | 52.576 | 54.662 | 58.820 | 29.500 | 6.000 |
| 10/26/2025 12:45 | 0.962 | 1.454 | 1.668 | 3.272 | 1.077 | 3.965 | 55.19 | 52.925 | 50.270 | 52.576 | 54.752 | 58.820 | 29.540 | 5.980 |
| 10/26/2025 13:00 | 1.103 | 1.453 | 1.669 | 3.271 | 1.113 | 3.982 | 55.19 | 53.100 | 50.378 | 52.750 | 54.860 | 58.820 | 29.440 | 6.060 |
| 10/26/2025 13:15 | 1.290 | 1.454 | 1.676 | 3.272 | 1.208 | 3.973 | 55.36 | 53.100 | 50.504 | 52.750 | 54.986 | 58.820 | 29.390 | 6.050 |
| 10/26/2025 13:30 | 1.556 | 1.506 | 1.668 | 3.291 | 1.474 | 3.977 | 55.36 | 53.100 | 50.594 | 52.925 | 55.022 | 58.820 | 27.490 | 6.000 |
| 10/26/2025 13:45 | 1.875 | 1.727 | 1.658 | 3.294 | 1.768 | 3.995 | 55.54 | 53.100 | 50.666 | 52.925 | 55.400 | 58.820 | 26.730 | 6.050 |
| 10/26/2025 14:00 | 2.196 | 2.114 | 1.838 | 3.301 | 2.094 | 3.998 | 55.19 | 53.274 | 51.008 | 53.100 | 55.220 | 58.820 | 30.040 | 8.860 |
| 10/26/2025 14:15 | 2.534 | 2.495 | 2.272 | 3.283 | 2.475 | 4.001 | 55.19 | 53.274 | 51.098 | 53.100 | 55.004 | 58.820 | 31.310 | 10.560 |
| 10/26/2025 14:30 | 2.818 | 2.835 | 2.664 | 3.279 | 2.790 | 3.980 | 55.19 | 53.274 | 51.098 | 53.274 | 55.004 | 58.820 | 31.960 | 10.480 |
| 10/26/2025 14:45 | 3.083 | 3.094 | 3.002 | 3.287 | 3.053 | 3.982 | 55.19 | 53.973 | 51.386 | 53.274 | 55.022 | 58.820 | 32.260 | 10.560 |
| 10/26/2025 15:00 | 3.172 | 3.239 | 3.283 | 3.364 | 3.188 | 3.986 | 55.19 | 54.147 | 51.854 | 53.449 | 55.076 | 58.820 | 32.280 | 10.840 |
| 10/26/2025 15:15 | 3.171 | 3.256 | 3.446 | 3.452 | 3.163 | 3.985 | 55.36 | 54.147 | 52.412 | 53.449 | 55.130 | 58.820 | 32.440 | 11.470 |
| 10/26/2025 15:30 | 3.034 | 3.162 | 3.452 | 3.412 | 3.085 | 3.987 | 55.36 | 54.147 | 53.060 | 53.623 | 55.148 | 58.820 | 32.510 | 12.740 |
| 10/26/2025 15:45 | 2.939 | 3.046 | 3.366 | 3.369 | 2.956 | 3.985 | 55.36 | 54.147 | 53.456 | 53.623 | 55.130 | 58.993 | 32.580 | 14.270 |
| 10/26/2025 16:00 | 2.745 | 2.870 | 3.249 | 3.325 | 2.770 | 3.996 | 55.36 | 54.147 | 53.744 | 53.623 | 55.094 | 58.993 | 32.310 | 15.940 |
| 10/26/2025 16:15 | 2.582 | 2.696 | 3.057 | 3.310 | 2.583 | 3.989 | 55.36 | 54.147 | 53.906 | 53.798 | 55.094 | 58.993 | 32.270 | 17.550 |
| 10/26/2025 16:30 | 2.405 | 2.517 | 2.885 | 3.296 | 2.414 | 3.988 | 55.36 | 54.322 | 54.014 | 53.798 | 55.130 | 58.993 | 32.020 | 18.940 |
| 10/26/2025 16:45 | 2.247 | 2.356 | 2.709 | 3.280 | 2.232 | 3.986 | 55.36 | 54.322 | 54.086 | 53.798 | 55.148 | 58.993 | 31.980 | 19.920 |
| 10/26/2025 17:00 | 2.102 | 2.219 | 2.539 | 3.281 | 2.096 | 3.989 | 55.36 | 54.322 | 54.086 | 53.798 | 55.148 | 58.993 | 32.000 | 20.590 |
| 10/26/2025 17:15 | 1.975 | 2.095 | 2.397 | 3.280 | 1.984 | 3.986 | 55.36 | 54.495 | 54.122 | 53.798 | 55.148 | 58.993 | 32.010 | 21.050 |
| 10/26/2025 17:30 | 1.875 | 1.992 | 2.277 | 3.283 | 1.880 | 3.982 | 55.36 | 54.495 | 54.140 | 53.798 | 55.166 | 58.993 | 31.940 | 21.520 |
| 10/26/2025 17:45 | 1.782 | 1.897 | 2.182 | 3.276 | 1.786 | 3.985 | 55.36 | 54.495 | 54.140 | 53.623 | 55.166 | 58.993 | 31.970 | 21.940 |
| 10/26/2025 18:00 | 1.708 | 1.817 | 2.086 | 3.272 | 1.703 | 3.982 | 55.36 | 54.495 | 54.068 | 53.623 | 55.148 | 58.993 | 31.780 | 22.340 |
| 10/26/2025 18:15 | 1.636 | 1.748 | 2.012 | 3.284 | 1.632 | 3.982 | 55.36 | 54.495 | 53.924 | 53.623 | 55.148 | 58.993 | 31.880 | 22.680 |
| 10/26/2025 18:30 | 1.579 | 1.688 | 1.939 | 3.281 | 1.565 | 3.982 | 55.36 | 54.495 | 53.654 | 53.449 | 55.130 | 58.993 | 31.570 | 22.980 |
| 10/26/2025 18:45 | 1.508 | 1.635 | 1.890 | 3.281 | 1.500 | 3.988 | 55.19 | 54.495 | 53.348 | 53.449 | 55.112 | 58.993 | 31.700 | 23.160 |
| 10/26/2025 19:00 | 1.453 | 1.586 | 1.826 | 3.278 | 1.465 | 3.984 | 55.19 | 54.495 | 53.042 | 53.449 | 55.112 | 58.993 | 31.460 | 23.160 |
| 10/26/2025 19:15 | 1.394 | 1.554 | 1.800 | 3.284 | 1.407 | 3.981 | 55.19 | 54.495 | 52.772 | 53.274 | 55.094 | 58.993 | 31.410 | 22.920 |
| 10/26/2025 19:30 | 1.360 | 1.529 | 1.758 | 3.282 | 1.369 | 3.980 | 55.19 | 54.495 | 52.484 | 53.274 | 55.094 | 58.993 | 31.580 | 22.680 |
| 10/26/2025 19:45 | 1.310 | 1.504 | 1.727 | 3.280 | 1.324 | 3.982 | 55.19 | 54.495 | 52.268 | 53.274 | 55.094 | 58.993 | 31.470 | 22.560 |
| 10/26/2025 20:00 | 1.273 | 1.502 | 1.707 | 3.289 | 1.287 | 3.972 | 55.19 | 54.495 | 52.070 | 53.100 | 55.076 | 58.993 | 31.520 | 19.100 |
| 10/26/2025 20:15 | 1.236 | 1.481 | 1.697 | 3.280 | 1.254 | 3.982 | 55.19 | 54.322 | 51.836 | 53.100 | 55.076 | 58.993 | 31.380 | 19.210 |
| 10/26/2025 20:30 | 1.193 | 1.478 | 1.689 | 3.284 | 1.241 | 3.976 | 55.19 | 54.322 | 51.440 | 53.100 | 55.076 | 58.993 | 31.190 | 18.850 |
| 10/26/2025 20:45 | 1.168 | 1.473 | 1.681 | 3.282 | 1.217 | 3.969 | 55.19 | 54.322 | 51.206 | 52.925 | 55.058 | 58.993 | 31.480 | 18.570 |
| 10/26/2025 21:00 | 1.140 | 1.468 | 1.679 | 3.285 | 1.210 | 3.967 | 55.19 | 54.322 | 51.008 | 52.925 | 55.058 | 58.820 | 31.370 | 21.760 |
| 10/26/2025 21:15 | 1.120 | 1.472 | 1.679 | 3.281 | 1.190 | 3.970 | 55.19 | 54.322 | 50.774 | 52.925 | 55.040 | 58.820 | 31.070 | 21.440 |
| 10/26/2025 21:30 | 1.093 | 1.472 | 1.679 | 3.288 | 1.188 | 3.974 | 55.19 | 54.322 | 50.558 | 52.750 | 55.040 | 58.820 | 31.270 | 18.520 |
| 10/26/2025 21:45 | 1.073 | 1.468 | 1.673 | 3.288 | 1.181 | 3.978 | 55.19 | 54.322 | 50.324 | 52.750 | 55.022 | 58.820 | 31.160 | 18.100 |
| 10/26/2025 22:00 | 1.053 | 1.476 | 1.695 | 3.295 | 1.182 | 3.980 | 55.02 | 54.147 | 50.126 | 52.576 | 55.022 | 58.647 | 31.330 | 18.090 |
| 10/26/2025 22:15 | 1.023 | 1.466 | 1.695 | 3.293 | 1.158 | 3.984 | 55.02 | 54.147 | 49.892 | 52.576 | 55.004 | 58.647 | 31.150 | 17.880 |
| 10/26/2025 22:30 | 1.012 | 1.470 | 1.690 | 3.289 | 1.155 | 3.971 | 55.02 | 54.147 | 49.658 | 52.401 | 55.004 | 58.647 | 31.110 | 17.970 |
| 10/26/2025 22:45 | 0.993 | 1.467 | 1.697 | 3.297 | 1.149 | 3.967 | 55.02 | 54.147 | 49.478 | 52.401 | 54.986 | 58.476 | 31.390 | 20.850 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/26/2025 23:00 | 0.986 | 1.473 | 1.703 | 3.303 | 1.136 | 3.979 | 54.84 | 54.147 | 49.244 | 52.225 | 54.968 | 58.476 | 31.510 | 18.560 |
| 10/26/2025 23:15 | 0.963 | 1.473 | 1.701 | 3.299 | 1.136 | 3.986 | 54.84 | 53.973 | 49.028 | 52.225 | 54.968 | 58.476 | 31.030 | 20.300 |
| 10/26/2025 23:30 | 0.952 | 1.482 | 1.697 | 3.300 | 1.114 | 3.982 | 54.84 | 53.973 | 48.884 | 52.225 | 54.950 | 58.476 | 30.940 | 20.240 |
| 10/26/2025 23:45 | 0.949 | 1.484 | 1.692 | 3.309 | 1.112 | 3.990 | 54.67 | 53.973 | 48.704 | 52.050 | 54.932 | 58.476 | 31.140 | 20.150 |
| 10/27/2025 0:00 | 0.930 | 1.485 | 1.692 | 3.306 | 1.097 | 3.989 | 54.67 | 53.973 | 48.542 | 52.050 | 54.914 | 58.476 | 30.730 | 20.030 |
| 10/27/2025 0:15 | 0.920 | 1.486 | 1.682 | 3.310 | 1.094 | 3.998 | 54.67 | 53.798 | 48.398 | 51.874 | 54.896 | 58.476 | 30.840 | 20.060 |
| 10/27/2025 0:30 | 0.902 | 1.477 | 1.694 | 3.301 | 1.088 | 3.987 | 54.50 | 53.798 | 48.290 | 51.874 | 54.878 | 58.303 | 30.870 | 19.950 |
| 10/27/2025 0:45 | 0.899 | 1.481 | 1.687 | 3.304 | 1.093 | 3.982 | 54.50 | 53.798 | 48.200 | 51.699 | 54.842 | 58.303 | 30.870 | 19.860 |
| 10/27/2025 1:00 | 0.879 | 1.478 | 1.692 | 3.301 | 1.091 | 3.982 | 54.32 | 53.623 | 48.074 | 51.699 | 54.824 | 58.303 | 31.300 | 18.800 |
| 10/27/2025 1:15 | 0.880 | 1.483 | 1.698 | 3.310 | 1.079 | 3.983 | 54.32 | 53.623 | 47.984 | 51.699 | 54.806 | 58.303 | 30.490 | 18.740 |
| 10/27/2025 1:30 | 0.859 | 1.478 | 1.698 | 3.308 | 1.084 | 3.995 | 54.15 | 53.623 | 47.912 | 51.523 | 54.788 | 58.303 | 31.890 | 18.740 |
| 10/27/2025 1:45 | 0.855 | 1.473 | 1.705 | 3.300 | 1.075 | 3.980 | 54.15 | 53.449 | 47.840 | 51.523 | 54.788 | 58.303 | 30.440 | 18.790 |
| 10/27/2025 2:00 | 0.888 | 1.472 | 1.704 | 3.298 | 1.072 | 3.983 | 53.97 | 53.449 | 47.768 | 51.346 | 54.770 | 58.303 | 31.730 | 19.100 |
| 10/27/2025 2:15 | 0.944 | 1.473 | 1.695 | 3.299 | 1.089 | 3.989 | 53.97 | 53.449 | 47.678 | 51.346 | 54.734 | 58.131 | 30.210 | 19.540 |
| 10/27/2025 2:30 | 1.015 | 1.477 | 1.697 | 3.306 | 1.101 | 3.982 | 53.97 | 53.274 | 47.570 | 51.346 | 54.716 | 58.131 | 30.420 | 16.520 |
| 10/27/2025 2:45 | 1.123 | 1.482 | 1.698 | 3.307 | 1.122 | 3.994 | 53.80 | 53.274 | 47.480 | 51.172 | 54.680 | 58.131 | 30.440 | 16.260 |
| 10/27/2025 3:00 | 1.232 | 1.481 | 1.687 | 3.310 | 1.195 | 3.988 | 53.80 | 53.274 | 47.390 | 51.172 | 54.662 | 58.131 | 30.400 | 16.090 |
| 10/27/2025 3:15 | 1.358 | 1.480 | 1.682 | 3.301 | 1.313 | 3.983 | 53.80 | 53.100 | 47.300 | 50.995 | 54.626 | 57.958 | 30.660 | 16.660 |
| 10/27/2025 3:30 | 1.479 | 1.517 | 1.679 | 3.303 | 1.444 | 3.983 | 53.97 | 53.100 | 47.228 | 50.995 | 54.356 | 57.958 | 30.600 | 19.360 |
| 10/27/2025 3:45 | 1.590 | 1.625 | 1.700 | 3.304 | 1.571 | 3.985 | 53.97 | 53.100 | 47.282 | 50.995 | 53.060 | 57.958 | 29.550 | 19.890 |
| 10/27/2025 4:00 | 1.679 | 1.745 | 1.803 | 3.300 | 1.665 | 3.982 | 53.27 | 52.925 | 47.498 | 50.819 | 52.466 | 57.958 | 28.930 | 19.940 |
| 10/27/2025 4:15 | 1.741 | 1.816 | 1.928 | 3.298 | 1.724 | 3.990 | 53.27 | 52.750 | 47.570 | 50.819 | 52.340 | 57.958 | 26.560 | 19.010 |
| 10/27/2025 4:30 | 1.694 | 1.808 | 2.010 | 3.301 | 1.684 | 3.988 | 53.27 | 52.750 | 47.534 | 50.643 | 52.358 | 57.958 | 29.690 | 18.030 |
| 10/27/2025 4:45 | 1.664 | 1.768 | 1.997 | 3.304 | 1.654 | 3.988 | 53.10 | 52.576 | 47.300 | 50.643 | 52.340 | 57.785 | 29.630 | 17.680 |
| 10/27/2025 5:00 | 1.596 | 1.721 | 1.964 | 3.307 | 1.590 | 3.986 | 53.10 | 52.576 | 46.886 | 50.643 | 52.358 | 57.785 | 26.760 | 17.130 |
| 10/27/2025 5:15 | 1.530 | 1.668 | 1.915 | 3.300 | 1.526 | 3.997 | 53.10 | 52.401 | 46.490 | 50.466 | 52.394 | 57.785 | 26.540 | 16.520 |
| 10/27/2025 5:30 | 1.467 | 1.626 | 1.855 | 3.300 | 1.480 | 3.987 | 53.10 | 52.401 | 46.220 | 50.466 | 52.430 | 57.785 | 26.740 | 15.390 |
| 10/27/2025 5:45 | 1.416 | 1.595 | 1.810 | 3.306 | 1.426 | 3.994 | 53.10 | 52.401 | 46.040 | 50.290 | 52.448 | 57.785 | 26.510 | 14.970 |
| 10/27/2025 6:00 | 1.369 | 1.561 | 1.778 | 3.306 | 1.374 | 3.998 | 53.10 | 52.225 | 45.914 | 50.290 | 52.466 | 57.785 | 26.330 | 14.610 |
| 10/27/2025 6:15 | 1.315 | 1.539 | 1.738 | 3.304 | 1.331 | 3.997 | 53.10 | 52.225 | 46.112 | 50.290 | 52.484 | 57.614 | 26.300 | 14.510 |
| 10/27/2025 6:30 | 1.275 | 1.526 | 1.723 | 3.301 | 1.294 | 3.994 | 53.27 | 52.225 | 46.238 | 50.113 | 52.502 | 57.614 | 26.460 | 12.270 |
| 10/27/2025 6:45 | 1.228 | 1.515 | 1.704 | 3.302 | 1.263 | 4.000 | 53.27 | 52.050 | 46.256 | 50.113 | 52.538 | 57.614 | 26.200 | 12.540 |
| 10/27/2025 7:00 | 1.186 | 1.505 | 1.696 | 3.296 | 1.236 | 4.001 | 53.27 | 52.050 | 45.950 | 50.113 | 52.556 | 57.614 | 26.100 | 12.340 |
| 10/27/2025 7:15 | 1.158 | 1.507 | 1.692 | 3.297 | 1.213 | 3.987 | 53.45 | 51.874 | 45.860 | 49.937 | 52.574 | 57.614 | 26.250 | 12.170 |
| 10/27/2025 7:30 | 1.139 | 1.504 | 1.683 | 3.303 | 1.195 | 3.997 | 53.27 | 51.874 | 45.878 | 49.937 | 52.574 | 57.614 | 26.580 | 11.960 |
| 10/27/2025 7:45 | 1.108 | 1.505 | 1.674 | 3.303 | 1.188 | 3.999 | 53.27 | 51.874 | 45.878 | 49.937 | 52.574 | 57.614 | 26.480 | 11.970 |
| 10/27/2025 8:00 | 1.086 | 1.508 | 1.679 | 3.318 | 1.166 | 4.003 | 53.10 | 51.699 | 45.878 | 49.937 | 52.556 | 57.614 | 28.420 | 12.090 |
| 10/27/2025 8:15 | 1.061 | 1.505 | 1.668 | 3.307 | 1.159 | 4.005 | 53.10 | 51.699 | 45.914 | 49.759 | 52.538 | 57.614 | 29.300 | 12.020 |
| 10/27/2025 8:30 | 1.024 | 1.496 | 1.667 | 3.302 | 1.138 | 3.999 | 53.10 | 51.523 | 45.932 | 49.759 | 52.538 | 57.614 | 28.860 | 11.840 |
| 10/27/2025 8:45 | 1.012 | 1.495 | 1.664 | 3.301 | 1.125 | 4.001 | 53.27 | 51.523 | 45.968 | 49.759 | 52.538 | 57.614 | 28.380 | 12.060 |
| 10/27/2025 9:00 | 0.984 | 1.487 | 1.656 | 3.293 | 1.114 | 3.996 | 53.27 | 51.523 | 46.040 | 49.759 | 52.556 | 57.614 | 29.530 | 13.840 |
| 10/27/2025 9:15 | 0.966 | 1.493 | 1.671 | 3.298 | 1.106 | 4.000 | 53.10 | 51.523 | 46.112 | 49.759 | 52.556 | 57.614 | 28.120 | 13.820 |
| 10/27/2025 9:30 | 0.938 | 1.481 | 1.655 | 3.279 | 1.094 | 3.994 | 53.10 | 51.346 | 46.166 | 49.759 | 52.592 | 57.614 | 28.970 | 13.830 |
| 10/27/2025 9:45 | 0.900 | 1.467 | 1.667 | 3.269 | 1.081 | 3.987 | 53.10 | 51.346 | 46.220 | 49.759 | 52.592 | 57.614 | 27.190 | 13.820 |
| 10/27/2025 10:00 | 0.897 | 1.460 | 1.665 | 3.270 | 1.081 | 3.972 | 53.10 | 51.346 | 46.310 | 49.759 | 52.592 | 57.614 | 27.910 | 13.810 |
| 10/27/2025 10:15 | 0.877 | 1.463 | 1.654 | 3.274 | 1.077 | 3.978 | 53.10 | 51.346 | 46.436 | 49.937 | 52.610 | 57.614 | 29.260 | 11.630 |
| 10/27/2025 10:30 | 0.869 | 1.460 | 1.664 | 3.274 | 1.066 | 3.963 | 53.10 | 51.346 | 46.544 | 49.937 | 52.646 | 57.785 | 29.230 | 11.560 |
| 10/27/2025 10:45 | 0.858 | 1.460 | 1.656 | 3.271 | 1.062 | 3.971 | 53.27 | 51.346 | 46.688 | 49.937 | 52.646 | 57.785 | 29.160 | 11.370 |
| 10/27/2025 11:00 | 0.853 | 1.467 | 1.656 | 3.271 | 1.052 | 3.968 | 53.27 | 51.346 | 46.850 | 50.113 | 52.646 | 57.785 | 29.110 | 11.930 |
| 10/27/2025 11:15 | 0.838 | 1.467 | 1.655 | 3.271 | 1.060 | 3.971 | 53.45 | 51.346 | 47.012 | 50.113 | 52.646 | 57.785 | 28.970 | 10.880 |
| 10/27/2025 11:30 | 0.824 | 1.468 | 1.658 | 3.276 | 1.070 | 3.975 | 53.62 | 51.346 | 47.192 | 50.290 | 52.700 | 57.785 | 28.880 | 10.380 |
| 10/27/2025 11:45 | 0.814 | 1.462 | 1.671 | 3.270 | 1.060 | 3.979 | 53.62 | 51.346 | 47.390 | 50.290 | 52.790 | 57.785 | 28.830 | 10.360 |
| 10/27/2025 12:00 | 0.804 | 1.460 | 1.666 | 3.265 | 1.057 | 3.981 | 53.62 | 51.346 | 47.570 | 50.466 | 52.916 | 57.785 | 28.780 | 10.090 |
| 10/27/2025 12:15 | 0.798 | 1.461 | 1.661 | 3.263 | 1.051 | 3.975 | 53.80 | 51.346 | 47.768 | 50.466 | 53.042 | 57.785 | 28.740 | 10.130 |
| 10/27/2025 12:30 | 0.794 | 1.466 | 1.658 | 3.268 | 1.049 | 3.973 | 53.80 | 51.523 | 47.948 | 50.643 | 53.114 | 57.785 | 28.690 | 10.250 |
| 10/27/2025 12:45 | 0.776 | 1.453 | 1.656 | 3.263 | 1.034 | 3.978 | 53.80 | 51.523 | 48.128 | 50.819 | 53.204 | 57.785 | 28.570 | 10.210 |
| 10/27/2025 13:00 | 0.778 | 1.454 | 1.658 | 3.266 | 1.040 | 3.972 | 53.97 | 51.523 | 48.272 | 50.995 | 53.348 | 57.785 | 28.560 | 11.750 |
| 10/27/2025 13:15 | 0.816 | 1.461 | 1.644 | 3.262 | 1.044 | 3.974 | 53.97 | 51.523 | 48.434 | 51.172 | 53.438 | 57.785 | 28.520 | 11.830 |
| 10/27/2025 13:30 | 0.904 | 1.462 | 1.643 | 3.266 | 1.047 | 3.976 | 53.97 | 51.699 | 48.578 | 51.172 | 53.510 | 57.785 | 28.460 | 12.060 |
| 10/27/2025 13:45 | 0.991 | 1.457 | 1.643 | 3.267 | 1.048 | 3.981 | 54.15 | 51.699 | 48.740 | 51.346 | 53.618 | 57.785 | 28.340 | 11.970 |
| 10/27/2025 14:00 | 1.169 | 1.447 | 1.650 | 3.260 | 1.096 | 3.984 | 54.15 | 51.699 | 48.884 | 51.523 | 53.744 | 57.785 | 28.290 | 12.000 |
| 10/27/2025 14:15 | 1.403 | 1.451 | 1.638 | 3.262 | 1.278 | 3.970 | 54.32 | 51.874 | 49.046 | 51.699 | 53.834 | 57.785 | 27.500 | 12.180 |
| 10/27/2025 14:30 | 1.672 | 1.555 | 1.627 | 3.266 | 1.599 | 3.974 | 54.32 | 51.874 | 49.190 | 51.699 | 53.906 | 57.785 | 25.840 | 11.790 |
| 10/27/2025 14:45 | 1.987 | 1.861 | 1.703 | 3.259 | 1.906 | 3.976 | 54.32 | 51.874 | 49.352 | 51.874 | 54.194 | 57.958 | 29.400 | 12.310 |
| 10/27/2025 15:00 | 2.279 | 2.234 | 2.002 | 3.253 | 2.224 | 3.979 | 54.15 | 52.050 | 49.658 | 52.050 | 54.068 | 57.958 | 31.230 | 11.250 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/27/2025 15:15 | 2.534 | 2.554 | 2.412 | 3.247 | 2.516 | 3.968 | 54.15 | 52.050 | 49.766 | 52.050 | 53.978 | 57.958 | 32.040 | 10.600 |
| 10/27/2025 15:30 | 2.763 | 2.824 | 2.729 | 3.252 | 2.776 | 3.977 | 54.15 | 52.576 | 49.874 | 52.225 | 53.960 | 57.958 | 32.340 | 10.590 |
| 10/27/2025 15:45 | 2.925 | 3.006 | 3.013 | 3.257 | 2.935 | 3.978 | 54.15 | 52.925 | 50.198 | 52.401 | 53.942 | 57.958 | 32.610 | 10.210 |
| 10/27/2025 16:00 | 2.956 | 3.024 | 3.168 | 3.264 | 2.960 | 3.982 | 54.15 | 53.100 | 50.738 | 52.401 | 53.978 | 57.958 | 32.580 | 12.430 |
| 10/27/2025 16:15 | 2.843 | 2.936 | 3.234 | 3.258 | 2.851 | 3.978 | 54.32 | 52.925 | 51.386 | 52.576 | 53.978 | 57.958 | 32.980 | 13.510 |
| 10/27/2025 16:30 | 2.728 | 2.832 | 3.134 | 3.258 | 2.729 | 3.974 | 54.32 | 52.925 | 51.836 | 52.576 | 53.978 | 57.958 | 32.220 | 15.350 |
| 10/27/2025 16:45 | 2.571 | 2.685 | 3.011 | 3.256 | 2.572 | 3.978 | 54.15 | 53.100 | 52.268 | 52.576 | 53.978 | 57.958 | 32.540 | 17.230 |
| 10/27/2025 17:00 | 2.418 | 2.525 | 2.866 | 3.260 | 2.405 | 3.981 | 54.15 | 53.100 | 52.412 | 52.576 | 53.978 | 58.131 | 32.230 | 18.420 |
| 10/27/2025 17:15 | 2.265 | 2.379 | 2.693 | 3.258 | 2.270 | 3.974 | 54.32 | 53.100 | 52.556 | 52.750 | 53.960 | 58.131 | 32.080 | 16.790 |
| 10/27/2025 17:30 | 2.118 | 2.236 | 2.561 | 3.253 | 2.131 | 3.978 | 54.15 | 53.100 | 52.628 | 52.750 | 53.960 | 58.131 | 32.590 | 18.080 |
| 10/27/2025 17:45 | 1.994 | 2.117 | 2.420 | 3.252 | 2.009 | 3.973 | 54.15 | 53.274 | 52.664 | 52.750 | 53.960 | 58.131 | 32.350 | 18.100 |
| 10/27/2025 18:00 | 1.891 | 2.008 | 2.301 | 3.263 | 1.884 | 3.975 | 54.15 | 53.274 | 52.700 | 52.750 | 53.942 | 58.131 | 32.160 | 19.120 |
| 10/27/2025 18:15 | 1.793 | 1.910 | 2.180 | 3.264 | 1.815 | 3.978 | 54.15 | 53.274 | 52.736 | 52.750 | 53.924 | 58.131 | 32.200 | 21.950 |
| 10/27/2025 18:30 | 1.717 | 1.832 | 2.106 | 3.263 | 1.730 | 3.979 | 54.15 | 53.274 | 52.736 | 52.750 | 53.924 | 58.131 | 32.150 | 22.240 |
| 10/27/2025 18:45 | 1.640 | 1.765 | 2.033 | 3.268 | 1.656 | 3.978 | 54.15 | 53.274 | 52.664 | 52.576 | 53.924 | 58.131 | 31.870 | 22.460 |
| 10/27/2025 19:00 | 1.567 | 1.694 | 1.963 | 3.262 | 1.583 | 3.976 | 54.15 | 53.274 | 52.466 | 52.576 | 53.924 | 58.131 | 32.030 | 22.680 |
| 10/27/2025 19:15 | 1.512 | 1.645 | 1.893 | 3.270 | 1.499 | 3.963 | 54.15 | 53.274 | 52.196 | 52.576 | 53.924 | 58.131 | 31.940 | 22.810 |
| 10/27/2025 19:30 | 1.461 | 1.599 | 1.825 | 3.267 | 1.452 | 3.971 | 54.15 | 53.274 | 51.908 | 52.576 | 53.924 | 58.131 | 31.890 | 22.810 |
| 10/27/2025 19:45 | 1.404 | 1.563 | 1.791 | 3.264 | 1.414 | 3.980 | 54.15 | 53.274 | 51.674 | 52.401 | 53.924 | 58.303 | 31.820 | 22.660 |
| 10/27/2025 20:00 | 1.351 | 1.534 | 1.751 | 3.258 | 1.368 | 3.971 | 54.15 | 53.274 | 51.476 | 52.401 | 53.942 | 58.303 | 31.810 | 22.540 |
| 10/27/2025 20:15 | 1.312 | 1.504 | 1.733 | 3.258 | 1.338 | 3.964 | 54.15 | 53.274 | 51.386 | 52.401 | 53.942 | 58.303 | 31.740 | 22.500 |
| 10/27/2025 20:30 | 1.264 | 1.491 | 1.714 | 3.260 | 1.296 | 3.961 | 54.15 | 53.274 | 51.224 | 52.225 | 53.942 | 58.303 | 31.690 | 22.470 |
| 10/27/2025 20:45 | 1.230 | 1.489 | 1.693 | 3.265 | 1.262 | 3.964 | 54.15 | 53.274 | 51.062 | 52.225 | 53.942 | 58.303 | 31.670 | 22.350 |
| 10/27/2025 21:00 | 1.201 | 1.480 | 1.681 | 3.272 | 1.231 | 3.965 | 54.15 | 53.274 | 50.702 | 52.225 | 53.960 | 58.303 | 31.420 | 22.280 |
| 10/27/2025 21:15 | 1.171 | 1.474 | 1.675 | 3.269 | 1.205 | 3.964 | 54.15 | 53.274 | 50.558 | 52.050 | 53.960 | 58.303 | 31.930 | 22.220 |
| 10/27/2025 21:30 | 1.136 | 1.471 | 1.663 | 3.269 | 1.179 | 3.973 | 54.15 | 53.274 | 50.396 | 52.050 | 53.960 | 58.303 | 31.490 | 22.120 |
| 10/27/2025 21:45 | 1.117 | 1.474 | 1.650 | 3.266 | 1.170 | 3.969 | 54.15 | 53.274 | 50.216 | 52.050 | 53.960 | 58.131 | 31.700 | 21.950 |
| 10/27/2025 22:00 | 1.091 | 1.473 | 1.655 | 3.272 | 1.164 | 3.965 | 54.15 | 53.274 | 50.036 | 52.050 | 53.960 | 58.131 | 31.460 | 21.770 |
| 10/27/2025 22:15 | 1.058 | 1.471 | 1.660 | 3.269 | 1.156 | 3.971 | 53.97 | 53.274 | 49.874 | 51.874 | 53.960 | 58.131 | 25.730 | 21.570 |
| 10/27/2025 22:30 | 1.041 | 1.468 | 1.666 | 3.270 | 1.140 | 3.965 | 53.80 | 53.274 | 49.712 | 51.874 | 53.942 | 58.131 | 31.280 | 21.350 |
| 10/27/2025 22:45 | 1.012 | 1.469 | 1.664 | 3.267 | 1.140 | 3.965 | 53.80 | 53.100 | 49.550 | 51.699 | 53.942 | 58.131 | 31.410 | 20.150 |
| 10/27/2025 23:00 | 0.995 | 1.467 | 1.664 | 3.265 | 1.123 | 3.967 | 53.97 | 53.100 | 49.424 | 51.699 | 53.942 | 58.131 | 31.150 | 21.150 |
| 10/27/2025 23:15 | 0.982 | 1.470 | 1.660 | 3.268 | 1.109 | 3.961 | 53.97 | 53.100 | 49.262 | 51.699 | 53.924 | 57.958 | 31.270 | 21.070 |
| 10/27/2025 23:30 | 0.962 | 1.466 | 1.655 | 3.273 | 1.101 | 3.964 | 53.97 | 53.100 | 49.118 | 51.523 | 53.924 | 57.958 | 30.950 | 20.520 |
| 10/27/2025 23:45 | 0.950 | 1.463 | 1.657 | 3.267 | 1.101 | 3.956 | 53.80 | 53.100 | 48.902 | 51.523 | 53.906 | 57.958 | 30.930 | 20.650 |
| 10/28/2025 0:00 | 0.924 | 1.460 | 1.671 | 3.271 | 1.090 | 3.960 | 53.80 | 53.100 | 48.758 | 51.346 | 53.888 | 57.958 | 30.160 | 20.760 |
| 10/28/2025 0:15 | 0.920 | 1.464 | 1.668 | 3.275 | 1.087 | 3.961 | 53.80 | 53.100 | 48.650 | 51.346 | 53.870 | 57.958 | 31.120 | 21.530 |
| 10/28/2025 0:30 | 0.908 | 1.464 | 1.674 | 3.270 | 1.086 | 3.964 | 53.80 | 53.100 | 48.578 | 51.172 | 53.852 | 57.785 | 31.120 | 19.010 |
| 10/28/2025 0:45 | 0.901 | 1.477 | 1.675 | 3.287 | 1.087 | 3.968 | 53.62 | 52.925 | 48.470 | 51.172 | 53.816 | 57.785 | 29.770 | 18.960 |
| 10/28/2025 1:00 | 0.880 | 1.468 | 1.670 | 3.278 | 1.075 | 3.974 | 53.62 | 52.925 | 48.362 | 51.172 | 53.780 | 57.785 | 31.080 | 17.690 |
| 10/28/2025 1:15 | 0.871 | 1.467 | 1.673 | 3.273 | 1.064 | 3.965 | 53.62 | 52.925 | 48.254 | 50.995 | 53.726 | 57.785 | 31.040 | 16.390 |
| 10/28/2025 1:30 | 0.863 | 1.471 | 1.667 | 3.277 | 1.062 | 3.964 | 53.45 | 52.925 | 48.128 | 50.995 | 53.636 | 57.785 | 30.970 | 18.130 |
| 10/28/2025 1:45 | 0.849 | 1.472 | 1.671 | 3.277 | 1.057 | 3.969 | 53.45 | 52.750 | 48.020 | 50.819 | 53.564 | 57.785 | 30.910 | 19.010 |
| 10/28/2025 2:00 | 0.844 | 1.472 | 1.671 | 3.281 | 1.064 | 3.966 | 53.27 | 52.750 | 47.894 | 50.819 | 53.492 | 57.785 | 30.860 | 18.070 |
| 10/28/2025 2:15 | 0.827 | 1.467 | 1.681 | 3.280 | 1.067 | 3.966 | 53.27 | 52.750 | 47.786 | 50.819 | 53.420 | 57.785 | 30.970 | 15.950 |
| 10/28/2025 2:30 | 0.823 | 1.464 | 1.681 | 3.279 | 1.066 | 3.969 | 53.10 | 52.750 | 47.714 | 50.643 | 53.348 | 57.785 | 30.780 | 15.790 |
| 10/28/2025 2:45 | 0.851 | 1.468 | 1.679 | 3.276 | 1.066 | 3.965 | 53.10 | 52.576 | 47.624 | 50.643 | 53.276 | 57.785 | 30.720 | 15.600 |
| 10/28/2025 3:00 | 0.890 | 1.472 | 1.677 | 3.287 | 1.065 | 3.958 | 52.93 | 52.576 | 47.534 | 50.466 | 53.204 | 57.785 | 30.750 | 15.560 |
| 10/28/2025 3:15 | 0.952 | 1.467 | 1.681 | 3.285 | 1.064 | 3.959 | 52.93 | 52.576 | 47.444 | 50.466 | 53.150 | 57.785 | 30.620 | 15.910 |
| 10/28/2025 3:30 | 1.050 | 1.478 | 1.666 | 3.289 | 1.076 | 3.965 | 52.93 | 52.401 | 47.336 | 50.466 | 53.078 | 57.785 | 30.520 | 15.610 |
| 10/28/2025 3:45 | 1.159 | 1.472 | 1.661 | 3.287 | 1.097 | 3.977 | 52.93 | 52.401 | 47.264 | 50.466 | 53.024 | 57.785 | 30.710 | 15.690 |
| 10/28/2025 4:00 | 1.257 | 1.473 | 1.644 | 3.291 | 1.175 | 3.964 | 52.75 | 52.401 | 47.174 | 50.290 | 52.970 | 57.785 | 30.750 | 15.660 |
| 10/28/2025 4:15 | 1.386 | 1.475 | 1.624 | 3.293 | 1.302 | 3.968 | 52.93 | 52.401 | 47.102 | 50.290 | 51.944 | 57.785 | 27.660 | 15.220 |
| 10/28/2025 4:30 | 1.488 | 1.533 | 1.632 | 3.294 | 1.433 | 3.965 | 52.58 | 52.225 | 46.976 | 50.290 | 51.638 | 57.614 | 28.040 | 15.240 |
| 10/28/2025 4:45 | 1.582 | 1.627 | 1.656 | 3.291 | 1.543 | 3.958 | 52.58 | 52.225 | 47.120 | 50.113 | 51.566 | 57.614 | 29.250 | 18.780 |
| 10/28/2025 5:00 | 1.640 | 1.729 | 1.754 | 3.290 | 1.619 | 3.956 | 52.58 | 52.050 | 47.138 | 50.113 | 51.548 | 57.614 | 30.410 | 16.860 |
| 10/28/2025 5:15 | 1.631 | 1.747 | 1.870 | 3.289 | 1.630 | 3.966 | 52.58 | 52.050 | 47.138 | 50.113 | 51.674 | 57.614 | 30.670 | 17.690 |
| 10/28/2025 5:30 | 1.606 | 1.710 | 1.930 | 3.287 | 1.590 | 3.960 | 52.58 | 51.874 | 47.048 | 50.113 | 51.746 | 57.614 | 30.930 | 17.500 |
| 10/28/2025 5:45 | 1.544 | 1.673 | 1.891 | 3.279 | 1.550 | 3.958 | 52.58 | 51.874 | 46.796 | 49.937 | 51.782 | 57.614 | 30.710 | 17.410 |
| 10/28/2025 6:00 | 1.489 | 1.630 | 1.864 | 3.280 | 1.493 | 3.959 | 52.58 | 51.699 | 46.454 | 49.937 | 51.818 | 57.614 | 30.830 | 17.230 |
| 10/28/2025 6:15 | 1.427 | 1.593 | 1.822 | 3.284 | 1.425 | 3.958 | 52.75 | 51.699 | 46.184 | 49.937 | 51.836 | 57.441 | 30.900 | 16.920 |
| 10/28/2025 6:30 | 1.360 | 1.555 | 1.769 | 3.281 | 1.384 | 3.966 | 52.75 | 51.699 | 46.004 | 49.937 | 51.854 | 57.441 | 30.360 | 16.200 |
| 10/28/2025 6:45 | 1.317 | 1.528 | 1.737 | 3.288 | 1.339 | 3.944 | 52.75 | 51.699 | 46.004 | 49.759 | 51.872 | 57.441 | 30.660 | 15.230 |
| 10/28/2025 7:00 | 1.278 | 1.512 | 1.724 | 3.288 | 1.293 | 3.963 | 52.75 | 51.523 | 46.148 | 49.759 | 51.890 | 57.441 | 30.690 | 13.910 |
| 10/28/2025 7:15 | 1.232 | 1.491 | 1.685 | 3.282 | 1.240 | 3.952 | 52.75 | 51.523 | 46.202 | 49.759 | 51.908 | 57.441 | 30.650 | 14.910 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-3 |
| 10/28/2025 7:30 | 1.198 | 1.493 | 1.660 | 3.286 | 1.205 | 3.953 | 52.75 | 51.523 | 45.896 | 49.582 | 51.926 | 57.441 | 30.570 | 13.740 |
| 10/28/2025 7:45 | 1.160 | 1.486 | 1.647 | 3.295 | 1.182 | 3.955 | 52.75 | 51.523 | 45.842 | 49.582 | 51.908 | 57.441 | 30.510 | 12.810 |
| 10/28/2025 8:00 | 1.132 | 1.482 | 1.624 | 3.283 | 1.163 | 3.964 | 52.75 | 51.346 | 45.806 | 49.582 | 51.908 | 57.441 | 30.250 | 13.470 |
| 10/28/2025 8:15 | 1.086 | 1.467 | 1.631 | 3.272 | 1.153 | 3.963 | 52.93 | 51.346 | 45.734 | 49.582 | 51.926 | 57.441 | 30.430 | 13.330 |
| 10/28/2025 8:30 | 1.051 | 1.459 | 1.635 | 3.261 | 1.133 | 3.951 | 52.93 | 51.346 | 45.698 | 49.582 | 51.944 | 57.441 | 30.750 | 13.310 |
| 10/28/2025 8:45 | 1.019 | 1.450 | 1.629 | 3.259 | 1.122 | 3.937 | 52.75 | 51.172 | 45.644 | 49.404 | 51.962 | 57.441 | 30.680 | 13.280 |
| 10/28/2025 9:00 | 0.993 | 1.449 | 1.632 | 3.254 | 1.128 | 3.939 | 52.75 | 51.172 | 45.608 | 49.404 | 51.962 | 57.441 | 30.640 | 13.230 |
| 10/28/2025 9:15 | 0.967 | 1.447 | 1.656 | 3.251 | 1.121 | 3.930 | 52.75 | 51.172 | 45.590 | 49.404 | 51.962 | 57.441 | 30.370 | 13.300 |
| 10/28/2025 9:30 | 0.947 | 1.450 | 1.663 | 3.259 | 1.111 | 3.932 | 52.75 | 51.172 | 45.590 | 49.404 | 51.944 | 57.441 | 30.170 | 13.310 |
| 10/28/2025 9:45 | 0.921 | 1.455 | 1.653 | 3.260 | 1.093 | 3.939 | 52.75 | 50.995 | 45.608 | 49.404 | 51.944 | 57.441 | 30.150 | 14.590 |
| 10/28/2025 10:00 | 0.919 | 1.457 | 1.646 | 3.274 | 1.086 | 3.936 | 52.75 | 50.995 | 45.644 | 49.404 | 51.944 | 57.441 | 30.060 | 14.400 |

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# Memorandum

Date: **7/31/2025**

Project No.: **21847 / A.30 / CVME**

To: **Jaime Wallace**

From: **Katelyn Cox**

Subject: **Tidal Monitoring for the West Grand Marsh Resiliency Study, Old Orchard Beach, Maine**

Attachments: **Attachment A – Figures**
**Attachment B – Graphs**
**Attachment C – Raw Data**

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The Town of Old Orchard Beach (OOB) has contracted Wright-Pierce to conduct a resiliency study on the West Grand Marsh area with the purpose of gathering long-term water level and salinity data. The West Grand Marsh is located in the southern area of OOB in the Ocean Park community. This data will be used in a model that will provide insight on optimal tide gate operation to balance flooding protection with phragmite management in the Jordan Park Marsh. Phragmites are an invasive grass species that can choke out some saltwater marshes under low salinity conditions Data was collected for 34 days using four pressure transducers and two CTD devices between the New Salt Road tide gate and the northern corner of the Jordan Park Marsh along West Grand Avenue (Figure 1, Attachment A).

## 1 Data Collection

OOB owned several HOBO data loggers, which were used to collect data for this study. On May 16, 2025, four HOBO U20-001-04 data loggers were deployed to collect water level and water temperature data, and two HOBO MX801 data loggers with CTD sensors were deployed to collect water level, water temperature, and conductivity. Each device was programmed to collect one data point every 10 minutes. These monitoring points are shown in Figure 1 and summarized as follows:

- HOBO U20-001-04 (water level and temperature)
  - ML-1 is located approximately 8 feet downstream of the tide gate.
  - ML-2 is located roughly 430 feet north of the tide gate and 25 feet upstream of the culvert that crosses under West Grand Avenue between New Salt Road Marsh and Randal Park Marsh.
  - ML-3 is located 1,130 feet northeast of the tide gate and 10 feet north of the culvert in the southeast corner of the Ancona Marsh.
  - ML-4 is located 1,69 feet northeast of the tide gate at the southeastern corner of Jordan Park Marsh near the intersection between West Grand Avenue and Casco Avenue.

- HOBO MX801 with CTD Sensor (water level, temperature, and conductivity)
  - ML-5 is located roughly 55 feet upstream of the tide gate.
  - ML-6 is located 2,440 feet northeast of the tide gate in the northeastern corner of the Jordan Park Marsh next to West Grand Avenue.

A barometric compensation was completed using data from an on-site barometer. This compensation converts pressure readings collected by the data loggers to feet of water above the logger. Conductivity was converted to salinity.

Each logger was set inside a 2-inch diameter slotted PVC pipe that was driven into the stream channel bottom or marsh bottom for security. This pipe provided protection for the data loggers and ensured the data loggers remained stationary. The elevation of the top of each PVC casing was surveyed with a GPS device using the NAVD88 datum and the elevation of each data logger was calculated. The logger elevation was used to convert the water level to feet relative to the NAVD88 datum. These elevations are summarized below in **Table 1**.

Table 1 Summary of Monitoring Points and their Elevations

| Name | Monitoring Type | Surveyed TOC Elevation (NAVD88) | Logger Depth (feet below TOC) | Logger Elevation (NAVD88) |
|---|---|---|---|---|
| ML-1 | Water Level, Temp | 2.699 | 2.70 | -0.001 |
| ML-2 | Water Level, Temp | 4.075 | 3.30 | 0.775 |
| ML-3 | Water Level, Temp | 4.834 | 3.44 | 1.394 |
| ML-4 | Water Level, Temp | 4.722 | 2.41 | 2.312 |
| ML-5 | Water Level, Temp, Salinity | 3.556 | 3.10 | 0.456 |
| ML-6 | Water Level, Temp, Salinity | 6.011 | 2.50 | 3.511 |

# 2 Data Analysis

## 2.1 Water Levels

**Graph 1** in **Attachment B** shows a complete timeseries plot of the water level data with historical precipitation data obtained from the Portland International Jetport Station, which is located approximately 16 miles northeast of the site.

The largest tidal fluctuation was observed at ML-1, which was located downstream of the tidal gate. Here, there was about a 5-foot difference between high tide and low tide during larger spring tides, and roughly a 2.5-foot difference during smaller neap tides. Precipitation events also impacted water levels; notable precipitation events occurred on May 23, May 31 to June 1, and June 7. The largest rain event occurred on May 23 where roughly an inch of rain fell in a day and water levels were roughly 1-2 feet higher following the event. It should be noted that the exact water level impact from each precipitation events is difficult to extrapolate out from the natural tidal fluctuations. The highest water level at ML-1 was recorded on the spring tide on May 18 occurred 5 days after the precipitation event. At this point, the water level reached 5.6 feet above the NAVD88 datum.

ML-5 was located just upstream of the tidal gate where the second highest tidal fluctuations were observed; the water level changed roughly by 2.5 feet between low tide and high tide during the larger spring tide and by 1.5 feet during the smaller neap tide. It shall be noted that

It appears that the water levels in the northernmost monitoring point, ML-6, were almost entirely influenced by runoff from precipitation events and not by tidal fluctuations.

Graph 2 and Graph 3 in Attachment B shows the water levels during one tidal cycle for the spring tide on May 28th (Graph 2) and the neap tide on June 3 (Graph 3). These graphs compare the difference in time between the peak high tide at ML-1 and all other monitoring points within the marsh system. Table 2-1 below summarizes the lag time and the maximum water levels measured during the highest spring tide peak and lowest neap tide peak on each monitoring point.

Table 2-1 Summary of Tidal Peaks

| Monitoring Point | Spring Tide (5/28/25 at 12:00 AM; Graph 2) | | Neap Tide (6/3/25 at 6:20 PM; Graph 3) | |
|---|---|---|---|---|
| | High Tide Lag Time (min after ML-1 peak) | Max. Water Level (ft, NAVD88) | High Tide Lag Time (min after ML-1 peak) | Max. Water Level (ft, NAVD88) |
| ML-1 | N/A | 5.662 | N/A | 3.124 |
| ML-2 | 80 min | 4.610 | 40 min | 2.976 |
| ML-3 | 70 min | 3.842 | 50 min | 3.001 |
| ML-4 | 120 min | 4.356 | No significant peak | |
| ML-5 | 70 min | 3.527 | 50 min | 1.963 |
| ML-6 | No significant peak | | No significant peak | |

The shortest lag time during the highest spring tide was 70 minutes which was at ML-3 and ML-5. ML-2 peaked approximately 80 minutes after ML-1, and ML-4 took roughly 120 minutes to crest following ML-1 (Graph 2). Similar trends were observed when comparing the amount of time between when water levels began rising at ML-1 after low tide and when they began rising at the other monitoring locations; water levels began rising at ML-5 roughly 30 minutes after they began rising at ML-1 and it took approximately 50 minutes at ML-2 and ML-3 for water levels to begin rising after they rose at ML-1. It took roughly 90 minutes for water levels to begin rising at ML-4. No change in water level was observed at ML-6 throughout the tidal cycle.

During the neap tide on June 3, the high tide lag times were all lower than the spring tide high tide lag times. It took ML-2 half as much time to peak after ML-1 during the neap tide as it did during the spring tide. Both ML-3 and ML-5 took roughly 50 minutes to peak after ML-1 peaked. Water levels remained steady at ML-4 or ML-6 throughout the neap tidal cycle (Graph 3).

Table 2-2 summarizes the change in water level between low tide and high tide for the spring tide on May 28 vs. the neap tide on June 3. The greatest difference in water level between low tide and high tide was measured at ML-1 during the spring tide on May 28 where the difference in water level between low and high tide was approximately 4.956 feet. The spring tide fluctuation was several feet higher than the neap tide in most monitoring locations. There was no significant change in water level between low tide and high tide in ML-6 for both spring and neap tides, and at ML-4 during the neap tide.

Table 2-2 Water Level Tidal Fluctuations

| Monitoring Point | Change in Water Level between Low Tide and High Tide (feet) | |
|---|---|---|
| | Spring Tide (May 28, Graph 2) | Neap Tide (June 3, Graph 3) |
| ML-1 | 4.956 | 2.742 |
| ML-2 | 2.707 | 1.288 |
| ML-3 | 1.901 | 1.262 |
| ML-4 | 0.969 | 0.02 (no significant change) |
| ML-5 | 3.115 | 1.614 |
| ML-6 | No significant change | No significant change |

## 2.2 Salinity

Salinity was monitored at two locations with CTD-sensors; ML-5 was located just upstream of the tidal gate and ML-6 was located at the most upstream point at the northeastern corner of the Jordan Park Marsh. Graph 4 plots the salinity levels and water levels detected by the ML-5 and ML-6 data loggers. The salinity at ML-5 fluctuated between 0.96 practical salinity unit (PSU) and 35.87 PSU and had an average salinity of 23.82 PSU. The lowest salinity at ML-5 was measured at 5/16/25 around 9:10 PM.

In comparison, ML-6 had an average salinity of 0.42 PSU with minimal fluctuation. The minimum salinity at ML-6 was measured at 0.26 PSU on Jun 7, 2025 at 1:00 AM and the maximum salinity at ML-6 was measured at 0.72 PSU several times between 11:00 AM and 1:00 PM on May 24, 2025. The maximum salinity event is likely associated with higher water levels from the precipitation event that also occurred on May 23. The precipitation event caused low tide levels to be higher than normal, ultimately allowing more time for saltwater to migrate into the upstream areas of the marsh. A similar trend was observed with precipitation events on May 31 to July 1 and July 6 to July 8 (Graph 4).

## 2.3 Water Temperature

Water temperature also appears to fluctuate with the tidal cycles. Graph 5 shows the timeseries plot of the water temperatures recorded at each of the monitoring points. The lowest temperatures in all monitored locations were detected between 5/23/25 and 5/26/25 when water levels were generally higher from the precipitation event on May 24. Generally, the most variable temperatures were recorded at ML-3 where temperatures fluctuated roughly 15°F to 20°F between day and night. This is likely attributed to the shallow, narrow channel geometry of the stream at this monitoring point. ML-6 was the least variable in temperature and it appears that the temperature is not tidally influenced at this monitoring point (Graph 6).

Several other variables appear to impact water temperatures; time of day appears to have the largest impact on water temperature. Furthermore, changes in temperature are also impacted by the timing of the tides relative to daylight hours. For instance, when high tide occurs overnight, it appears that temperatures drop much lower than during a high tide during midday or afternoon hours (Graph 6).

# Attachment A
# Figures




**West Grand Marsh Study Area**

Old Orchard Beach, ME

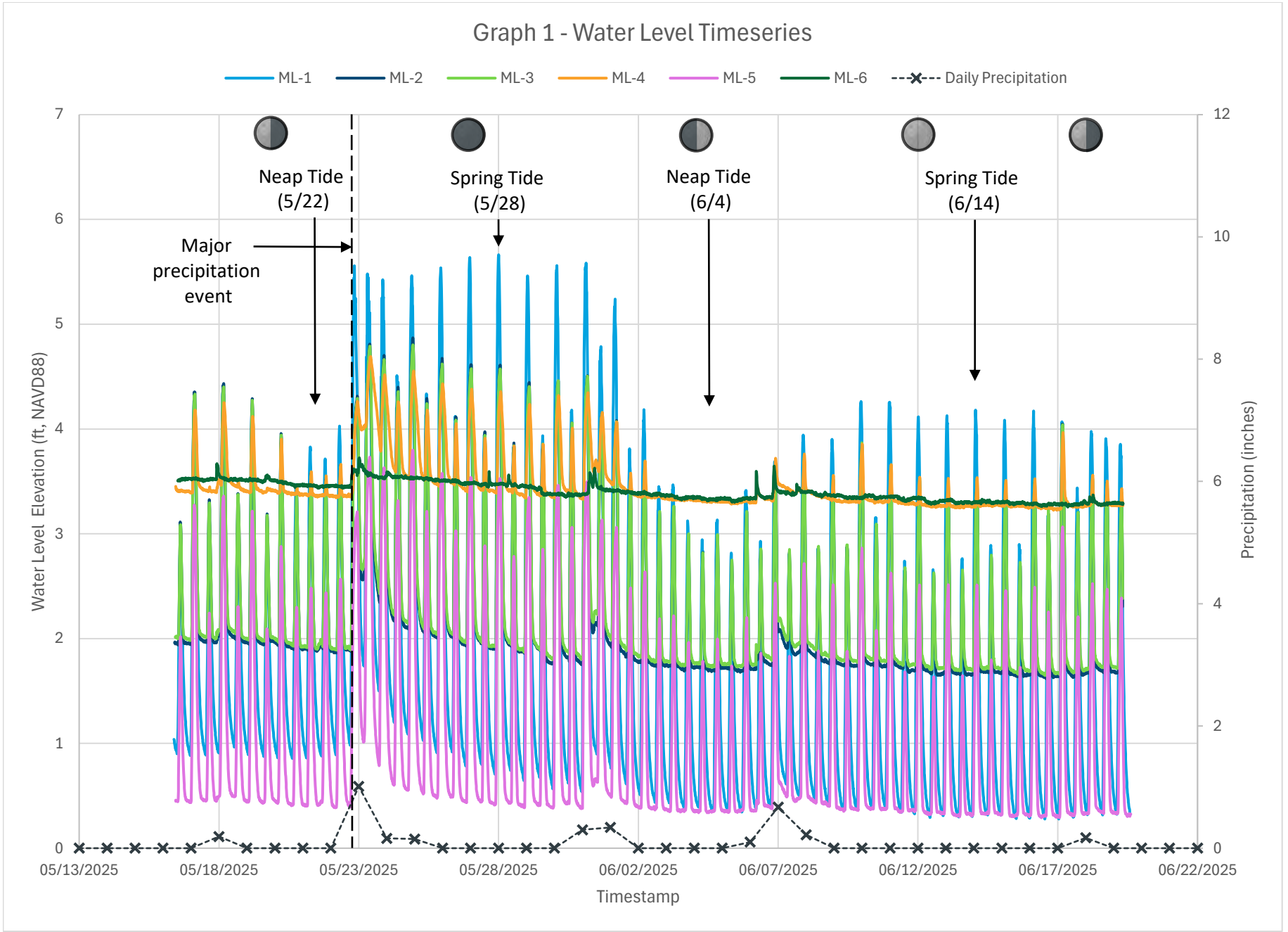
| PROJ NO: | DATE: |
|---|---|
| T17782 | 7/31/2025 |

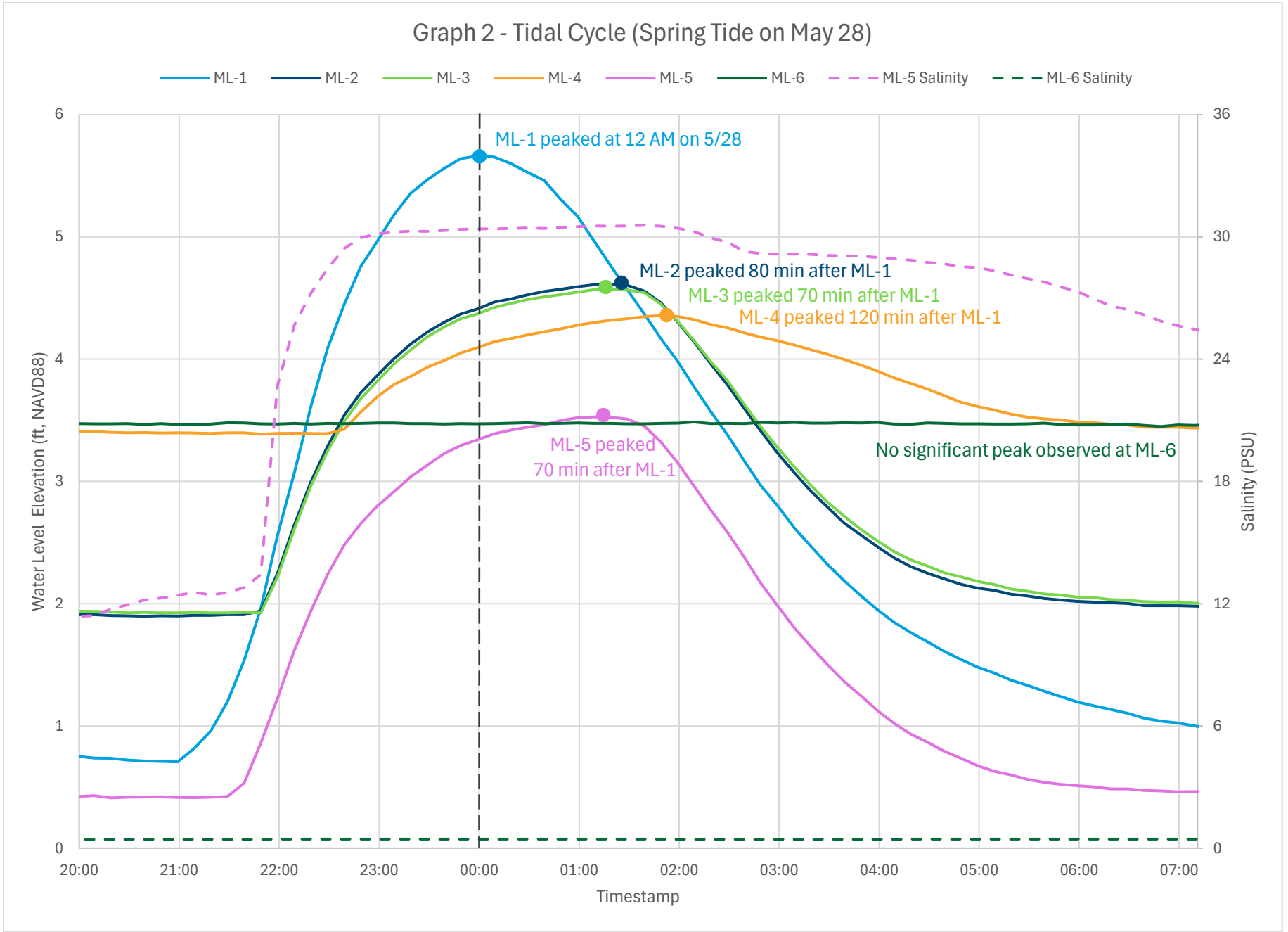
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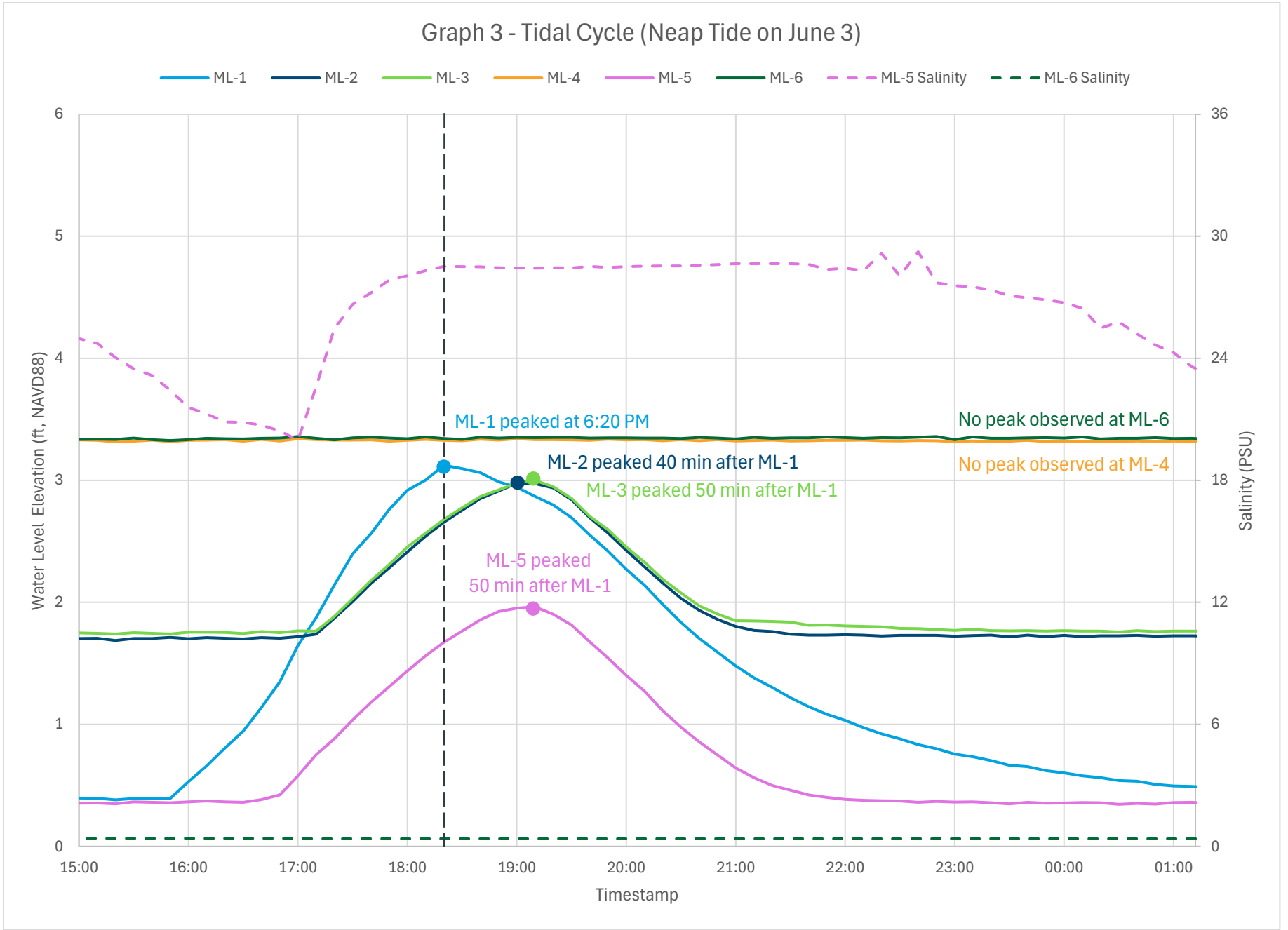
FIGURE: 1

KMC W:\GIS_Development\Projects\ME\OldOrchardBeach\T17782_Marshes\MXDs\MarshFigures.aprx - Marshes_8x11

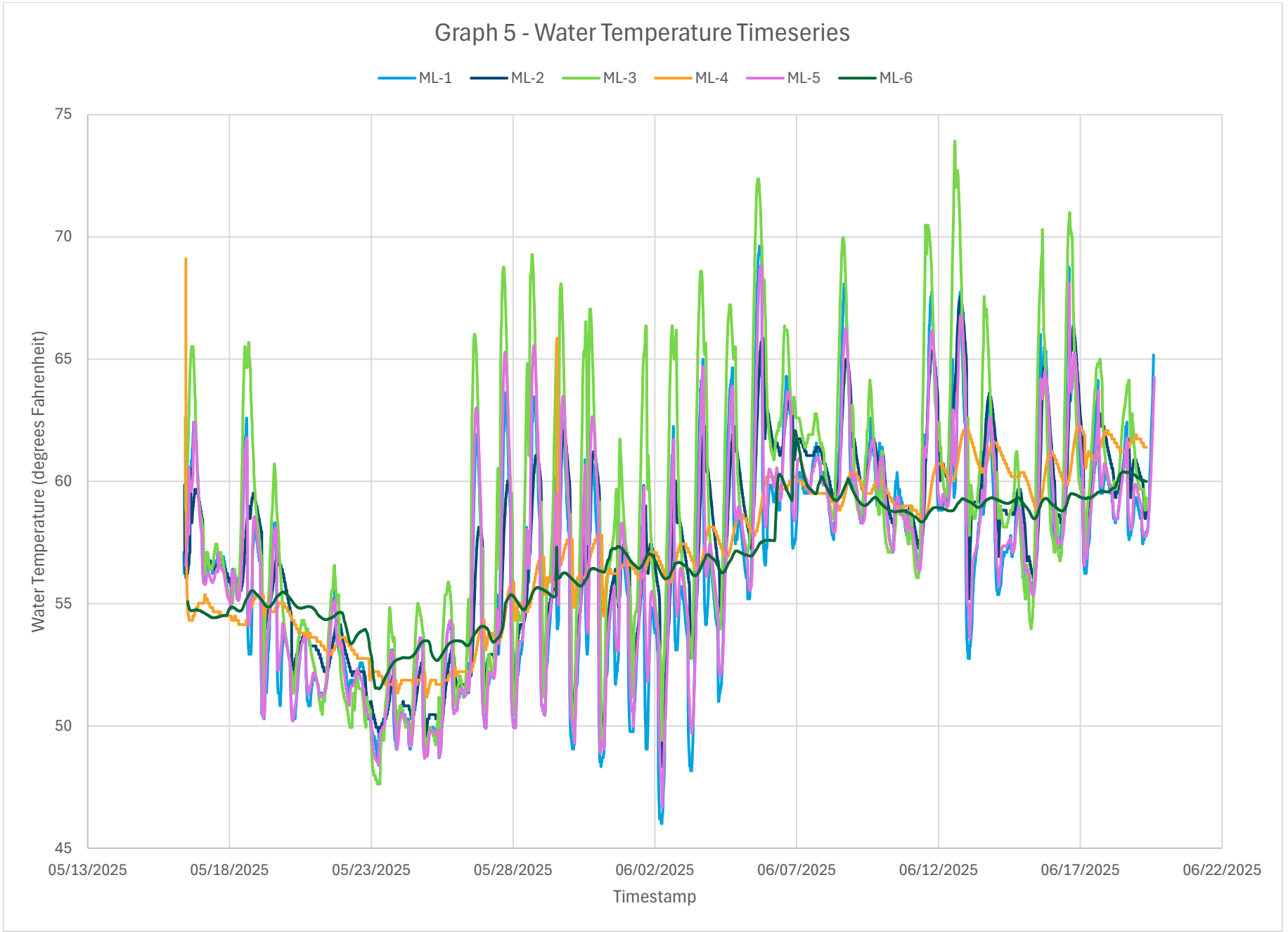
# Attachment B
# Graphs

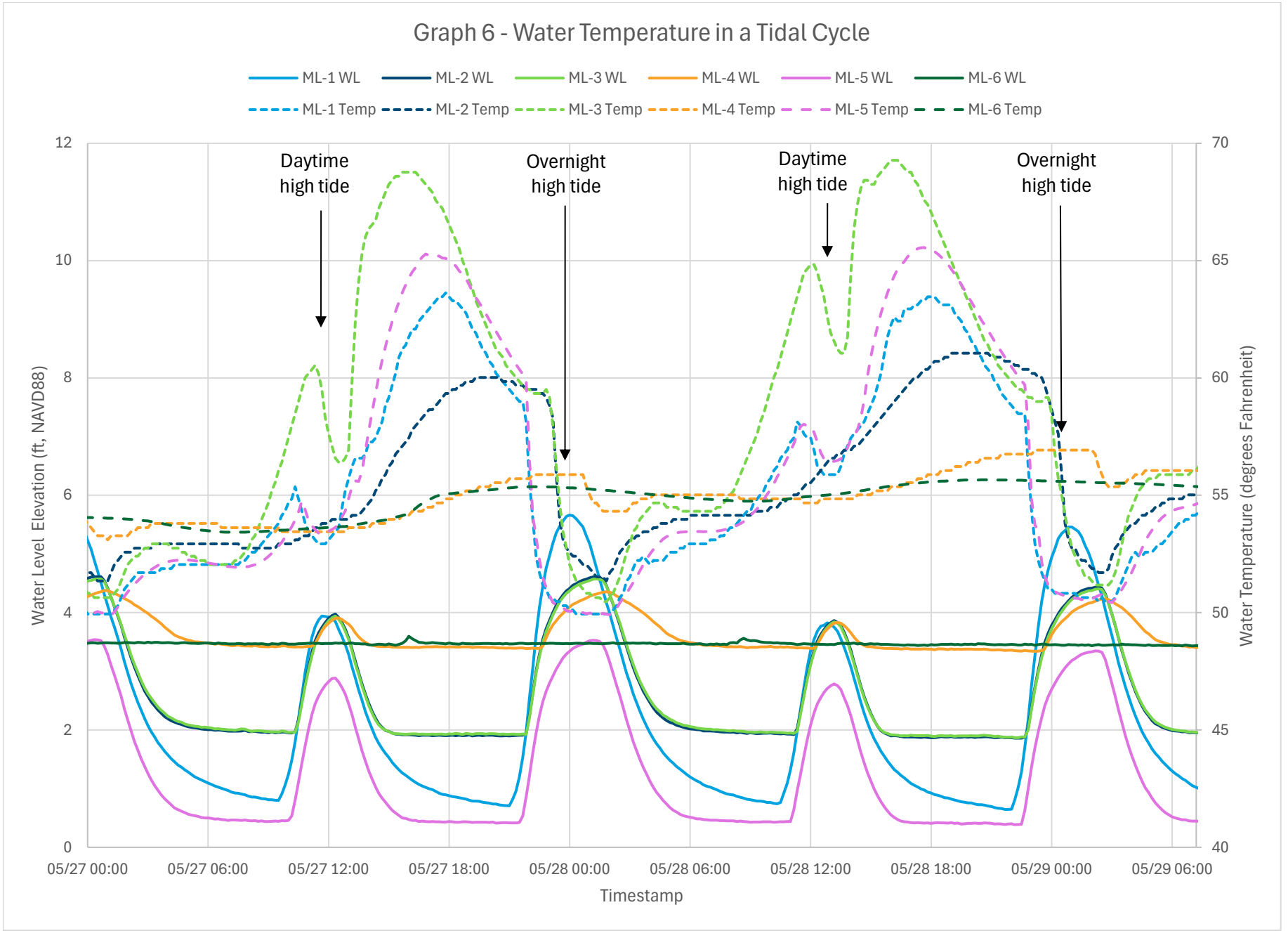

Graph 1 - Water Level Timeseries
ML-1
ML-2
ML-3
ML-4
ML-5
ML-6
Daily Precipitation
Neap Tide (5/22)
Spring Tide (5/28)
Neap Tide (6/4)
Spring Tide (6/14)
Major precipitation event
Water Level Elevation (ft, NAVD88)
Precipitation (inches)
Timestamp
0
1
2
3
4
5
6
7
0
2
4
6
8
10
12
05/13/2025
05/18/2025
05/23/2025
05/28/2025
06/02/2025
06/07/2025
06/12/2025
06/17/2025
06/22/2025


Graph 2 - Tidal Cycle (Spring Tide on May 28)
ML-1
ML-2
ML-3
ML-4
ML-5
ML-6
ML-5 Salinity
ML-6 Salinity
ML-1 peaked at 12 AM on 5/28
ML-2 peaked 80 min after ML-1
ML-3 peaked 70 min after ML-1
ML-4 peaked 120 min after ML-1
ML-5 peaked
70 min after ML-1
No significant peak observed at ML-6
Water Level Elevation (ft, NAVD88)
Salinity (PSU)
Timestamp
0
1
2
3
4
5
6
0
6
12
18
24
30
36
20:00
21:00
22:00
23:00
00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00


Graph 3 - Tidal Cycle (Neap Tide on June 3)
ML-1
ML-2
ML-3
ML-4
ML-5
ML-6
ML-5 Salinity
ML-6 Salinity
Water Level Elevation (ft, NAVD88)
Salinity (PSU)
Timestamp
ML-1 peaked at 6:20 PM
No peak observed at ML-6
ML-2 peaked 40 min after ML-1
No peak observed at ML-4
ML-3 peaked 50 min after ML-1
ML-5 peaked
50 min after ML-1
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
00:00
01:00


Graph 4 - Water Levels and Salinity
ML-5 Water Level
ML-6 Water Level
ML-5 Salinity
ML-6 Salinity
Water Level Elevation (ft, NAVD88)
Salinity (PSU)
Timestamp
Precipitation events
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
45
40
35
30
25
20
15
10
5
0
05/13/2025
05/18/2025
05/23/2025
05/28/2025
06/02/2025
06/07/2025
06/12/2025
06/17/2025
06/22/2025


Graph 5 - Water Temperature Timeseries
ML-1
ML-2
ML-3
ML-4
ML-5
ML-6
75
70
65
60
55
50
45
Water Temperature (degrees Fahrenheit)
05/13/2025
05/18/2025
05/23/2025
05/28/2025
06/02/2025
06/07/2025
06/12/2025
06/17/2025
06/22/2025
Timestamp


Graph 6 - Water Temperature in a Tidal Cycle
ML-1 WL
ML-2 WL
ML-3 WL
ML-4 WL
ML-5 WL
ML-6 WL
ML-1 Temp
ML-2 Temp
ML-3 Temp
ML-4 Temp
ML-5 Temp
ML-6 Temp
Daytime high tide
Overnight high tide
Daytime high tide
Overnight high tide
Water Level Elevation (ft, NAVD88)
Water Temperature (degrees Fahrenheit)
Timestamp
0
2
4
6
8
10
12
40
45
50
55
60
65
70
05/27 00:00
05/27 06:00
05/27 12:00
05/27 18:00
05/28 00:00
05/28 06:00
05/28 12:00
05/28 18:00
05/29 00:00
05/29 06:00

# Attachment C
# Tabular Data

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/16/2025 9:20 | 1.038 | | | | | | 57.10 | | | | | | | |
| 5/16/2025 9:30 | 1.034 | | | | | | 56.40 | | | | | | | |
| 5/16/2025 9:40 | 1.019 | | | | | | 56.23 | | | | | | | |
| 5/16/2025 9:50 | 1.003 | | | | | | 56.23 | | | | | | | |
| 5/16/2025 10:00 | 0.995 | 1.958 | | | | | 56.23 | 59.85 | | | | | | |
| 5/16/2025 10:10 | 0.985 | 1.968 | | | | | 56.40 | 57.44 | | | | | | |
| 5/16/2025 10:20 | 0.972 | 1.957 | | | | | 56.40 | 56.75 | | | | | | |
| 5/16/2025 10:30 | 0.952 | 1.949 | 2.016 | | | | 56.58 | 56.58 | 62.60 | | | | | |
| 5/16/2025 10:40 | 0.952 | 1.956 | 2.010 | | | | 56.58 | 56.40 | 59.34 | | | | | |
| 5/16/2025 10:50 | 0.944 | 1.958 | 2.018 | | 0.459 | | 56.75 | 56.23 | 58.82 | | 56.57 | | 1.587 | |
| 5/16/2025 11:00 | 0.938 | 1.956 | 2.016 | 3.452 | 0.447 | | 56.92 | 56.23 | 58.82 | 69.11 | 56.70 | | 1.673 | |
| 5/16/2025 11:10 | 0.936 | 1.958 | 2.023 | 3.428 | 0.450 | | 57.10 | 56.06 | 58.99 | 59.51 | 56.88 | | 1.761 | |
| 5/16/2025 11:20 | 0.938 | 1.962 | 2.016 | 3.428 | 0.452 | | 57.44 | 56.06 | 59.16 | 57.96 | 57.03 | | 1.841 | |
| 5/16/2025 11:30 | 0.930 | 1.962 | 2.010 | 3.419 | 0.447 | | 57.44 | 56.06 | 59.34 | 56.92 | 57.09 | | 1.982 | |
| 5/16/2025 11:40 | 0.926 | 1.961 | 2.025 | 3.428 | 0.454 | | 57.61 | 56.06 | 59.68 | 56.40 | 57.15 | | 2.126 | |
| 5/16/2025 11:50 | 0.908 | 1.947 | 2.008 | 3.415 | 0.448 | | 57.61 | 56.06 | 59.85 | 55.88 | 57.30 | | 2.209 | |
| 5/16/2025 12:00 | 0.907 | 1.949 | 2.007 | 3.411 | 0.448 | | 57.79 | 56.23 | 60.02 | 55.54 | 57.46 | | 2.353 | |
| 5/16/2025 12:10 | 0.901 | 1.955 | 2.014 | 3.420 | 0.448 | | 57.96 | 56.23 | 60.37 | 55.36 | 57.62 | | 2.486 | |
| 5/16/2025 12:20 | 0.909 | 1.962 | 2.019 | 3.421 | 0.448 | | 58.13 | 56.23 | 60.54 | 55.02 | 57.78 | | 2.616 | |
| 5/16/2025 12:30 | 0.998 | 1.956 | 2.005 | 3.406 | 0.451 | | 58.30 | 56.23 | 60.71 | 54.84 | 58.05 | | 2.668 | |
| 5/16/2025 12:40 | 1.072 | 1.947 | 1.998 | 3.405 | 0.444 | 3.506 | 58.48 | 56.23 | 60.88 | 54.84 | 58.27 | 55.08 | 2.797 | 0.404 |
| 5/16/2025 12:50 | 1.143 | 1.950 | 1.999 | 3.407 | 0.451 | 3.510 | 58.65 | 56.40 | 61.23 | 54.67 | 58.46 | 55.02 | 2.932 | 0.405 |
| 5/16/2025 13:00 | 1.310 | 1.938 | 2.002 | 3.407 | 0.473 | 3.505 | 58.99 | 56.40 | 61.57 | 54.67 | 58.56 | 54.98 | 3.137 | 0.406 |
| 5/16/2025 13:10 | 1.459 | 1.945 | 2.003 | 3.405 | 0.543 | 3.512 | 59.16 | 56.58 | 61.74 | 54.50 | 58.59 | 54.93 | 3.383 | 0.407 |
| 5/16/2025 13:20 | 1.635 | 1.958 | 2.014 | 3.413 | 0.670 | 3.515 | 59.68 | 56.58 | 62.25 | 54.50 | 58.27 | 54.90 | 3.862 | 0.408 |
| 5/16/2025 13:30 | 1.813 | 1.976 | 2.018 | 3.404 | 0.845 | 3.514 | 60.02 | 56.58 | 62.60 | 54.50 | 57.83 | 54.87 | 4.552 | 0.408 |
| 5/16/2025 13:40 | 2.009 | 2.083 | 2.095 | 3.408 | 1.003 | 3.508 | 59.68 | 56.75 | 62.77 | 54.50 | 57.85 | 54.85 | 5.054 | 0.409 |
| 5/16/2025 13:50 | 2.231 | 2.265 | 2.270 | 3.405 | 1.200 | 3.513 | 59.51 | 56.75 | 63.11 | 54.32 | 60.58 | 54.82 | 15.614 | 0.409 |
| 5/16/2025 14:00 | 2.424 | 2.476 | 2.490 | 3.413 | 1.417 | 3.519 | 59.51 | 56.92 | 63.28 | 54.32 | 60.27 | 54.80 | 18.756 | 0.410 |
| 5/16/2025 14:10 | 2.636 | 2.671 | 2.666 | 3.408 | 1.621 | 3.508 | 59.51 | 57.10 | 63.63 | 54.32 | 60.12 | 54.78 | 19.473 | 0.410 |
| 5/16/2025 14:20 | 2.770 | 2.827 | 2.831 | 3.403 | 1.772 | 3.515 | 59.68 | 57.10 | 63.97 | 54.32 | 59.97 | 54.77 | 19.841 | 0.411 |
| 5/16/2025 14:30 | 2.818 | 2.924 | 2.914 | 3.400 | 1.830 | 3.513 | 59.68 | 57.10 | 64.31 | 54.32 | 59.86 | 54.75 | 20.231 | 0.412 |
| 5/16/2025 14:40 | 2.963 | 3.071 | 3.070 | 3.406 | 1.979 | 3.501 | 59.68 | 60.20 | 64.65 | 54.32 | 59.88 | 54.74 | 20.545 | 0.413 |
| 5/16/2025 14:50 | 3.013 | 3.114 | 3.085 | 3.416 | 1.993 | 3.519 | 59.85 | 60.54 | 64.83 | 54.32 | 59.75 | 54.73 | 20.569 | 0.414 |
| 5/16/2025 15:00 | 2.975 | 3.085 | 3.088 | 3.413 | 2.016 | 3.516 | 60.02 | 59.34 | 65.00 | 54.32 | 59.71 | 54.72 | 20.673 | 0.415 |
| 5/16/2025 15:10 | 2.951 | 3.080 | 3.082 | 3.416 | 2.017 | 3.523 | 60.20 | 59.68 | 65.00 | 54.32 | 59.62 | 54.72 | 20.649 | 0.416 |
| 5/16/2025 15:20 | 2.963 | 3.040 | 3.017 | 3.419 | 1.962 | 3.520 | 60.37 | 58.99 | 65.17 | 54.32 | 59.60 | 54.71 | 20.603 | 0.417 |
| 5/16/2025 15:30 | 2.825 | 2.978 | 2.986 | 3.416 | 1.875 | 3.525 | 60.54 | 58.65 | 65.34 | 54.32 | 59.58 | 54.71 | 20.527 | 0.419 |
| 5/16/2025 15:40 | 2.715 | 2.861 | 2.883 | 3.411 | 1.771 | 3.509 | 60.71 | 58.48 | 65.34 | 54.32 | 59.60 | 54.71 | 20.440 | 0.420 |
| 5/16/2025 15:50 | 2.586 | 2.740 | 2.764 | 3.416 | 1.657 | 3.522 | 60.88 | 58.30 | 65.51 | 54.32 | 59.62 | 54.71 | 20.399 | 0.421 |
| 5/16/2025 16:00 | 2.480 | 2.656 | 2.670 | 3.417 | 1.541 | 3.518 | 60.71 | 58.30 | 65.51 | 54.32 | 59.69 | 54.71 | 20.350 | 0.423 |
| 5/16/2025 16:10 | 2.376 | 2.551 | 2.570 | 3.415 | 1.442 | 3.528 | 60.88 | 58.30 | 65.51 | 54.32 | 59.73 | 54.71 | 20.265 | 0.424 |
| 5/16/2025 16:20 | 2.269 | 2.451 | 2.475 | 3.410 | 1.344 | 3.527 | 61.05 | 58.48 | 65.51 | 54.32 | 59.82 | 54.71 | 20.177 | 0.425 |
| 5/16/2025 16:30 | 2.152 | 2.355 | 2.379 | 3.410 | 1.237 | 3.529 | 61.23 | 58.48 | 65.51 | 54.32 | 59.90 | 54.71 | 20.081 | 0.426 |
| 5/16/2025 16:40 | 2.043 | 2.265 | 2.289 | 3.404 | 1.126 | 3.518 | 61.40 | 58.65 | 65.51 | 54.32 | 59.97 | 54.71 | 20.001 | 0.427 |
| 5/16/2025 16:50 | 1.943 | 2.184 | 2.219 | 3.410 | 1.042 | 3.518 | 61.40 | 58.82 | 65.51 | 54.32 | 60.02 | 54.72 | 19.902 | 0.428 |
| 5/16/2025 17:00 | 1.858 | 2.120 | 2.150 | 3.408 | 0.959 | 3.512 | 61.57 | 58.82 | 65.51 | 54.50 | 60.16 | 54.72 | 19.773 | 0.429 |
| 5/16/2025 17:10 | 1.777 | 2.063 | 2.103 | 3.409 | 0.890 | 3.517 | 61.91 | 58.99 | 65.51 | 54.50 | 60.42 | 54.72 | 19.500 | 0.431 |
| 5/16/2025 17:20 | 1.713 | 2.024 | 2.076 | 3.412 | 0.828 | 3.526 | 62.08 | 58.99 | 65.34 | 54.50 | 61.01 | 54.72 | 18.911 | 0.431 |
| 5/16/2025 17:30 | 1.648 | 2.001 | 2.046 | 3.408 | 0.770 | 3.524 | 62.43 | 59.16 | 65.17 | 54.50 | 61.58 | 54.72 | 15.769 | 0.433 |
| 5/16/2025 17:40 | 1.597 | 1.983 | 2.032 | 3.409 | 0.722 | 3.523 | 62.43 | 59.16 | 65.00 | 54.50 | 61.89 | 54.73 | 8.303 | 0.434 |
| 5/16/2025 17:50 | 1.535 | 1.969 | 2.021 | 3.406 | 0.685 | 3.528 | 62.43 | 59.34 | 64.83 | 54.50 | 62.17 | 54.73 | 3.616 | 0.435 |
| 5/16/2025 18:00 | 1.478 | 1.960 | 2.008 | 3.404 | 0.638 | 3.527 | 62.43 | 59.34 | 64.65 | 54.50 | 62.35 | 54.73 | 2.588 | 0.436 |
| 5/16/2025 18:10 | 1.430 | 1.963 | 2.014 | 3.407 | 0.605 | 3.521 | 62.43 | 59.34 | 64.48 | 54.50 | 62.42 | 54.73 | 2.290 | 0.436 |
| 5/16/2025 18:20 | 1.392 | 1.953 | 2.013 | 3.404 | 0.574 | 3.522 | 62.43 | 59.51 | 64.14 | 54.50 | 62.40 | 54.74 | 2.291 | 0.436 |
| 5/16/2025 18:30 | 1.352 | 1.956 | 2.012 | 3.405 | 0.548 | 3.525 | 62.43 | 59.51 | 63.97 | 54.67 | 62.43 | 54.74 | 1.968 | 0.436 |
| 5/16/2025 18:40 | 1.317 | 1.953 | 2.004 | 3.409 | 0.528 | 3.519 | 62.43 | 59.68 | 63.63 | 54.67 | 62.42 | 54.74 | 1.707 | 0.436 |
| 5/16/2025 18:50 | 1.280 | 1.956 | 1.998 | 3.396 | 0.508 | 3.511 | 62.43 | 59.68 | 63.46 | 54.67 | 62.33 | 54.74 | 1.676 | 0.437 |
| 5/16/2025 19:00 | 1.252 | 1.960 | 2.008 | 3.404 | 0.489 | 3.521 | 62.43 | 59.68 | 63.11 | 54.67 | 62.22 | 54.74 | 1.590 | 0.437 |
| 5/16/2025 19:10 | 1.222 | 1.958 | 2.005 | 3.402 | 0.488 | 3.521 | 62.25 | 59.68 | 62.94 | 54.67 | 62.12 | 54.74 | 1.480 | 0.438 |
| 5/16/2025 19:20 | 1.207 | 1.967 | 2.006 | 3.408 | 0.481 | 3.535 | 62.08 | 59.68 | 62.60 | 54.67 | 61.97 | 54.74 | 1.417 | 0.438 |
| 5/16/2025 19:30 | 1.175 | 1.960 | 2.012 | 3.404 | 0.474 | 3.532 | 61.91 | 59.68 | 62.43 | 54.67 | 61.82 | 54.74 | 1.303 | 0.438 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/16/2025 19:40 | 1.150 | 1.959 | 2.009 | 3.408 | 0.462 | 3.523 | 61.91 | 59.68 | 62.08 | 54.84 | 61.65 | 54.74 | 1.271 | 0.439 |
| 5/16/2025 19:50 | 1.125 | 1.957 | 1.999 | 3.402 | 0.465 | 3.523 | 61.74 | 59.68 | 61.74 | 54.84 | 61.50 | 54.75 | 1.223 | 0.439 |
| 5/16/2025 20:00 | 1.097 | 1.950 | 2.006 | 3.399 | 0.458 | 3.518 | 61.57 | 59.68 | 61.57 | 54.84 | 61.34 | 54.75 | 1.142 | 0.439 |
| 5/16/2025 20:10 | 1.081 | 1.958 | 1.999 | 3.407 | 0.464 | 3.527 | 61.40 | 59.68 | 61.23 | 54.84 | 61.16 | 54.75 | 1.154 | 0.439 |
| 5/16/2025 20:20 | 1.065 | 1.959 | 1.998 | 3.412 | 0.463 | 3.523 | 61.05 | 59.68 | 61.05 | 54.84 | 61.00 | 54.75 | 1.078 | 0.440 |
| 5/16/2025 20:30 | 1.049 | 1.960 | 1.997 | 3.405 | 0.458 | 3.522 | 60.88 | 59.68 | 60.71 | 54.84 | 60.83 | 54.75 | 1.083 | 0.440 |
| 5/16/2025 20:40 | 1.029 | 1.952 | 1.993 | 3.402 | 0.448 | 3.525 | 60.71 | 59.51 | 60.54 | 54.84 | 60.65 | 54.74 | 1.030 | 0.440 |
| 5/16/2025 20:50 | 1.017 | 1.952 | 1.989 | 3.402 | 0.449 | 3.529 | 60.54 | 59.51 | 60.37 | 54.84 | 60.48 | 54.74 | 1.004 | 0.440 |
| 5/16/2025 21:00 | 1.001 | 1.957 | 1.993 | 3.406 | 0.454 | 3.523 | 60.37 | 59.51 | 60.20 | 54.84 | 60.30 | 54.74 | 0.976 | 0.441 |
| 5/16/2025 21:10 | 0.985 | 1.949 | 1.996 | 3.403 | 0.449 | 3.516 | 60.20 | 59.51 | 60.02 | 54.84 | 60.12 | 54.74 | 0.965 | 0.441 |
| 5/16/2025 21:20 | 0.976 | 1.953 | 1.999 | 3.403 | 0.450 | 3.527 | 60.02 | 59.51 | 59.85 | 54.84 | 59.93 | 54.74 | 1.001 | 0.441 |
| 5/16/2025 21:30 | 0.967 | 1.960 | 1.998 | 3.403 | 0.448 | 3.519 | 59.85 | 59.34 | 59.68 | 55.02 | 59.75 | 54.73 | 1.071 | 0.441 |
| 5/16/2025 21:40 | 0.963 | 1.960 | 2.001 | 3.403 | 0.448 | 3.528 | 59.68 | 59.34 | 59.51 | 55.02 | 59.58 | 54.73 | 1.187 | 0.441 |
| 5/16/2025 21:50 | 0.954 | 1.956 | 1.998 | 3.411 | 0.448 | 3.532 | 59.51 | 59.34 | 59.51 | 55.02 | 59.44 | 54.73 | 0.990 | 0.441 |
| 5/16/2025 22:00 | 0.942 | 1.957 | 1.997 | 3.412 | 0.457 | 3.530 | 59.34 | 59.34 | 59.34 | 55.02 | 59.25 | 54.73 | 1.457 | 0.442 |
| 5/16/2025 22:10 | 0.938 | 1.957 | 1.989 | 3.404 | 0.445 | 3.528 | 59.16 | 59.34 | 59.16 | 55.02 | 59.10 | 54.72 | 2.220 | 0.442 |
| 5/16/2025 22:20 | 0.930 | 1.957 | 1.989 | 3.404 | 0.439 | 3.525 | 58.99 | 59.16 | 59.16 | 55.02 | 58.97 | 54.72 | 3.069 | 0.442 |
| 5/16/2025 22:30 | 0.918 | 1.949 | 1.992 | 3.404 | 0.448 | 3.525 | 58.99 | 59.16 | 58.99 | 55.02 | 58.85 | 54.72 | 3.860 | 0.443 |
| 5/16/2025 22:40 | 0.910 | 1.949 | 1.996 | 3.405 | 0.443 | 3.527 | 58.82 | 59.16 | 58.99 | 55.02 | 58.74 | 54.72 | 4.254 | 0.443 |
| 5/16/2025 22:50 | 0.910 | 1.956 | 1.991 | 3.404 | 0.449 | 3.531 | 58.82 | 58.99 | 58.82 | 55.02 | 58.65 | 54.71 | 4.032 | 0.443 |
| 5/16/2025 23:00 | 0.894 | 1.945 | 1.984 | 3.393 | 0.437 | 3.525 | 58.65 | 58.99 | 58.82 | 55.02 | 58.54 | 54.71 | 4.334 | 0.443 |
| 5/16/2025 23:10 | 0.893 | 1.949 | 1.986 | 3.393 | 0.440 | 3.526 | 58.48 | 58.99 | 58.65 | 55.02 | 58.43 | 54.71 | 4.790 | 0.444 |
| 5/16/2025 23:20 | 0.885 | 1.948 | 1.982 | 3.397 | 0.439 | 3.525 | 58.48 | 58.99 | 58.65 | 55.02 | 58.33 | 54.71 | 5.187 | 0.444 |
| 5/16/2025 23:30 | 0.889 | 1.949 | 1.986 | 3.393 | 0.435 | 3.525 | 58.30 | 58.82 | 58.65 | 55.02 | 58.25 | 54.70 | 5.497 | 0.444 |
| 5/16/2025 23:40 | 0.886 | 1.949 | 1.990 | 3.390 | 0.438 | 3.521 | 58.30 | 58.82 | 58.65 | 55.02 | 58.17 | 54.70 | 5.485 | 0.445 |
| 5/16/2025 23:50 | 0.967 | 1.949 | 1.990 | 3.390 | 0.435 | 3.521 | 58.13 | 58.82 | 58.48 | 55.02 | 58.07 | 54.69 | 5.934 | 0.445 |
| 5/17/2025 0:00 | 1.069 | 1.956 | 1.997 | 3.401 | 0.444 | 3.528 | 58.13 | 58.65 | 58.48 | 55.02 | 58.01 | 54.69 | 5.914 | 0.445 |
| 5/17/2025 0:10 | 1.200 | 1.941 | 1.990 | 3.398 | 0.455 | 3.519 | 58.13 | 58.65 | 58.48 | 55.02 | 57.93 | 54.68 | 6.125 | 0.446 |
| 5/17/2025 0:20 | 1.381 | 1.953 | 1.998 | 3.394 | 0.504 | 3.525 | 57.96 | 58.65 | 58.48 | 55.02 | 57.86 | 54.68 | 6.337 | 0.446 |
| 5/17/2025 0:30 | 1.623 | 1.950 | 1.994 | 3.391 | 0.663 | 3.515 | 57.96 | 58.65 | 58.30 | 55.02 | 57.79 | 54.67 | 6.273 | 0.447 |
| 5/17/2025 0:40 | 1.831 | 1.988 | 2.016 | 3.399 | 0.879 | 3.522 | 57.96 | 58.48 | 58.30 | 55.02 | 57.69 | 54.67 | 6.537 | 0.447 |
| 5/17/2025 0:50 | 2.117 | 2.152 | 2.147 | 3.395 | 1.074 | 3.518 | 57.27 | 58.48 | 58.30 | 55.02 | 57.76 | 54.67 | 13.881 | 0.447 |
| 5/17/2025 1:00 | 2.451 | 2.439 | 2.427 | 3.391 | 1.384 | 3.516 | 56.92 | 58.48 | 58.13 | 55.02 | 56.98 | 54.66 | 18.917 | 0.448 |
| 5/17/2025 1:10 | 2.756 | 2.753 | 2.756 | 3.394 | 1.705 | 3.525 | 56.58 | 58.48 | 58.13 | 55.02 | 56.59 | 54.66 | 20.748 | 0.448 |
| 5/17/2025 1:20 | 3.039 | 3.048 | 3.030 | 3.394 | 1.977 | 3.525 | 56.23 | 58.30 | 58.13 | 55.02 | 56.31 | 54.65 | 22.295 | 0.449 |
| 5/17/2025 1:30 | 3.296 | 3.343 | 3.315 | 3.398 | 2.260 | 3.524 | 56.23 | 57.96 | 58.13 | 55.02 | 56.09 | 54.65 | 24.136 | 0.449 |
| 5/17/2025 1:40 | 3.627 | 3.587 | 3.538 | 3.472 | 2.527 | 3.527 | 56.06 | 57.44 | 58.13 | 55.02 | 55.95 | 54.64 | 24.962 | 0.450 |
| 5/17/2025 1:50 | 3.794 | 3.767 | 3.728 | 3.620 | 2.698 | 3.532 | 56.06 | 57.10 | 58.13 | 55.02 | 55.86 | 54.64 | 25.367 | 0.450 |
| 5/17/2025 2:00 | 3.971 | 3.931 | 3.896 | 3.752 | 2.859 | 3.535 | 55.88 | 56.75 | 57.96 | 55.02 | 55.85 | 54.63 | 25.497 | 0.451 |
| 5/17/2025 2:10 | 4.094 | 4.055 | 4.025 | 3.838 | 2.990 | 3.522 | 55.88 | 56.58 | 57.44 | 55.02 | 55.83 | 54.63 | 25.561 | 0.451 |
| 5/17/2025 2:20 | 4.197 | 4.174 | 4.134 | 3.916 | 3.109 | 3.521 | 55.88 | 56.58 | 57.10 | 55.02 | 55.82 | 54.62 | 25.558 | 0.452 |
| 5/17/2025 2:30 | 4.269 | 4.259 | 4.225 | 3.982 | 3.186 | 3.525 | 55.88 | 56.40 | 56.75 | 55.02 | 55.81 | 54.62 | 25.591 | 0.452 |
| 5/17/2025 2:40 | 4.293 | 4.305 | 4.265 | 4.037 | 3.234 | 3.522 | 55.88 | 56.40 | 56.58 | 55.02 | 55.81 | 54.62 | 25.666 | 0.453 |
| 5/17/2025 2:50 | 4.302 | 4.352 | 4.320 | 4.090 | 3.274 | 3.527 | 55.88 | 56.40 | 56.40 | 55.36 | 55.83 | 54.61 | 25.676 | 0.453 |
| 5/17/2025 3:00 | 4.223 | 4.337 | 4.323 | 4.126 | 3.257 | 3.530 | 55.88 | 56.40 | 56.23 | 55.36 | 55.83 | 54.61 | 25.678 | 0.454 |
| 5/17/2025 3:10 | 4.276 | 4.314 | 4.279 | 4.146 | 3.239 | 3.521 | 56.06 | 56.23 | 56.23 | 55.36 | 55.79 | 54.60 | 25.643 | 0.454 |
| 5/17/2025 3:20 | 4.178 | 4.353 | 4.334 | 4.166 | 3.242 | 3.529 | 56.06 | 56.23 | 56.23 | 55.36 | 55.82 | 54.60 | 25.703 | 0.455 |
| 5/17/2025 3:30 | 4.074 | 4.256 | 4.254 | 4.180 | 3.155 | 3.532 | 56.06 | 56.23 | 56.23 | 55.36 | 55.79 | 54.60 | 25.719 | 0.456 |
| 5/17/2025 3:40 | 4.023 | 4.195 | 4.180 | 4.169 | 3.094 | 3.520 | 56.06 | 56.40 | 56.23 | 55.36 | 55.79 | 54.59 | 25.651 | 0.456 |
| 5/17/2025 3:50 | 3.892 | 4.103 | 4.100 | 4.156 | 2.991 | 3.529 | 56.06 | 56.58 | 56.23 | 55.19 | 55.84 | 54.58 | 25.621 | 0.457 |
| 5/17/2025 4:00 | 3.711 | 3.969 | 3.966 | 4.133 | 2.835 | 3.531 | 56.06 | 56.58 | 56.40 | 55.19 | 55.85 | 54.58 | 25.476 | 0.457 |
| 5/17/2025 4:10 | 3.546 | 3.816 | 3.825 | 4.099 | 2.670 | 3.530 | 56.06 | 56.58 | 56.58 | 55.19 | 55.89 | 54.57 | 25.000 | 0.458 |
| 5/17/2025 4:20 | 3.379 | 3.663 | 3.661 | 4.056 | 2.504 | 3.535 | 56.06 | 56.75 | 56.75 | 55.19 | 55.91 | 54.57 | 24.156 | 0.458 |
| 5/17/2025 4:30 | 3.194 | 3.480 | 3.506 | 4.018 | 2.325 | 3.526 | 56.06 | 56.75 | 56.92 | 55.19 | 56.03 | 54.56 | 22.994 | 0.459 |
| 5/17/2025 4:40 | 3.003 | 3.304 | 3.335 | 3.957 | 2.142 | 3.526 | 56.23 | 56.75 | 57.10 | 55.19 | 56.12 | 54.56 | 21.317 | 0.460 |
| 5/17/2025 4:50 | 2.829 | 3.135 | 3.152 | 3.902 | 1.961 | 3.521 | 56.40 | 56.75 | 57.10 | 55.19 | 56.08 | 54.55 | 21.152 | 0.461 |
| 5/17/2025 5:00 | 2.662 | 2.962 | 2.988 | 3.843 | 1.789 | 3.527 | 56.40 | 56.75 | 57.10 | 55.19 | 56.09 | 54.55 | 21.212 | 0.461 |
| 5/17/2025 5:10 | 2.512 | 2.804 | 2.834 | 3.784 | 1.638 | 3.524 | 56.40 | 56.75 | 57.10 | 55.19 | 56.11 | 54.54 | 20.944 | 0.462 |
| 5/17/2025 5:20 | 2.380 | 2.673 | 2.699 | 3.726 | 1.499 | 3.527 | 56.23 | 56.75 | 57.10 | 55.19 | 56.16 | 54.54 | 20.124 | 0.462 |
| 5/17/2025 5:30 | 2.258 | 2.555 | 2.586 | 3.667 | 1.384 | 3.529 | 56.23 | 56.75 | 57.10 | 55.02 | 56.20 | 54.54 | 19.323 | 0.463 |
| 5/17/2025 5:40 | 2.136 | 2.443 | 2.468 | 3.609 | 1.264 | 3.521 | 56.23 | 56.75 | 57.10 | 55.02 | 56.24 | 54.53 | 18.517 | 0.464 |
| 5/17/2025 5:50 | 2.050 | 2.352 | 2.391 | 3.574 | 1.158 | 3.513 | 56.23 | 56.75 | 56.92 | 55.02 | 56.27 | 54.52 | 17.632 | 0.464 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/17/2025 6:00 | 1.963 | 2.278 | 2.324 | 3.546 | 1.082 | 3.526 | 56.23 | 56.75 | 56.92 | 55.02 | 56.28 | 54.52 | 16.897 | 0.465 |
| 5/17/2025 6:10 | 1.869 | 2.210 | 2.255 | 3.523 | 0.995 | 3.520 | 56.40 | 56.75 | 56.92 | 55.02 | 56.27 | 54.51 | 16.607 | 0.466 |
| 5/17/2025 6:20 | 1.806 | 2.152 | 2.197 | 3.503 | 0.926 | 3.524 | 56.58 | 56.75 | 56.75 | 55.02 | 56.26 | 54.51 | 16.655 | 0.467 |
| 5/17/2025 6:30 | 1.731 | 2.110 | 2.160 | 3.496 | 0.859 | 3.518 | 56.58 | 56.75 | 56.75 | 55.02 | 56.24 | 54.50 | 16.633 | 0.467 |
| 5/17/2025 6:40 | 1.663 | 2.075 | 2.115 | 3.480 | 0.799 | 3.524 | 56.58 | 56.75 | 56.58 | 55.02 | 56.23 | 54.50 | 16.574 | 0.468 |
| 5/17/2025 6:50 | 1.609 | 2.056 | 2.097 | 3.472 | 0.744 | 3.526 | 56.75 | 56.75 | 56.58 | 55.02 | 56.21 | 54.49 | 16.481 | 0.469 |
| 5/17/2025 7:00 | 1.550 | 2.037 | 2.082 | 3.464 | 0.705 | 3.519 | 56.75 | 56.75 | 56.58 | 55.02 | 56.19 | 54.49 | 16.412 | 0.470 |
| 5/17/2025 7:10 | 1.506 | 2.021 | 2.060 | 3.464 | 0.657 | 3.514 | 56.75 | 56.75 | 56.40 | 55.02 | 56.17 | 54.48 | 16.296 | 0.471 |
| 5/17/2025 7:20 | 1.461 | 2.021 | 2.078 | 3.463 | 0.635 | 3.520 | 56.58 | 56.75 | 56.40 | 55.02 | 56.14 | 54.48 | 16.209 | 0.472 |
| 5/17/2025 7:30 | 1.417 | 2.016 | 2.067 | 3.462 | 0.602 | 3.517 | 56.58 | 56.75 | 56.40 | 54.84 | 56.10 | 54.47 | 16.032 | 0.472 |
| 5/17/2025 7:40 | 1.374 | 2.005 | 2.056 | 3.450 | 0.579 | 3.517 | 56.58 | 56.75 | 56.40 | 54.84 | 56.08 | 54.46 | 16.004 | 0.473 |
| 5/17/2025 7:50 | 1.339 | 2.005 | 2.056 | 3.450 | 0.553 | 3.511 | 56.58 | 56.75 | 56.40 | 54.84 | 56.04 | 54.46 | 15.881 | 0.474 |
| 5/17/2025 8:00 | 1.307 | 1.997 | 2.044 | 3.446 | 0.536 | 3.511 | 56.58 | 56.75 | 56.40 | 54.84 | 56.01 | 54.45 | 15.747 | 0.475 |
| 5/17/2025 8:10 | 1.275 | 2.000 | 2.047 | 3.442 | 0.522 | 3.517 | 56.58 | 56.75 | 56.40 | 54.84 | 55.98 | 54.45 | 15.579 | 0.476 |
| 5/17/2025 8:20 | 1.239 | 1.988 | 2.039 | 3.441 | 0.509 | 3.510 | 56.58 | 56.58 | 56.40 | 54.84 | 55.97 | 54.45 | 15.526 | 0.477 |
| 5/17/2025 8:30 | 1.214 | 1.987 | 2.046 | 3.437 | 0.492 | 3.510 | 56.58 | 56.58 | 56.40 | 54.84 | 55.94 | 54.44 | 15.509 | 0.478 |
| 5/17/2025 8:40 | 1.190 | 1.995 | 2.039 | 3.440 | 0.495 | 3.519 | 56.58 | 56.58 | 56.40 | 54.84 | 55.92 | 54.44 | 15.500 | 0.479 |
| 5/17/2025 8:50 | 1.166 | 1.990 | 2.034 | 3.436 | 0.477 | 3.516 | 56.58 | 56.58 | 56.40 | 54.84 | 55.90 | 54.44 | 15.458 | 0.480 |
| 5/17/2025 9:00 | 1.137 | 1.989 | 2.041 | 3.435 | 0.475 | 3.517 | 56.40 | 56.58 | 56.40 | 54.84 | 55.89 | 54.44 | 15.422 | 0.481 |
| 5/17/2025 9:10 | 1.125 | 1.993 | 2.041 | 3.438 | 0.473 | 3.523 | 56.40 | 56.58 | 56.40 | 54.84 | 55.88 | 54.43 | 15.408 | 0.482 |
| 5/17/2025 9:20 | 1.100 | 1.988 | 2.033 | 3.434 | 0.476 | 3.506 | 56.40 | 56.58 | 56.40 | 54.84 | 55.86 | 54.43 | 15.363 | 0.482 |
| 5/17/2025 9:30 | 1.079 | 1.984 | 2.033 | 3.429 | 0.468 | 3.517 | 56.23 | 56.58 | 56.58 | 54.84 | 55.86 | 54.43 | 15.327 | 0.484 |
| 5/17/2025 9:40 | 1.070 | 1.986 | 2.029 | 3.436 | 0.467 | 3.522 | 56.23 | 56.58 | 56.58 | 54.84 | 55.86 | 54.43 | 15.294 | 0.484 |
| 5/17/2025 9:50 | 1.045 | 1.978 | 2.028 | 3.431 | 0.468 | 3.506 | 56.23 | 56.58 | 56.58 | 54.84 | 55.87 | 54.42 | 15.261 | 0.485 |
| 5/17/2025 10:00 | 1.037 | 1.985 | 2.035 | 3.430 | 0.463 | 3.516 | 56.23 | 56.58 | 56.58 | 54.84 | 55.89 | 54.42 | 15.227 | 0.486 |
| 5/17/2025 10:10 | 1.017 | 1.977 | 2.024 | 3.417 | 0.461 | 3.502 | 56.23 | 56.40 | 56.75 | 54.67 | 55.91 | 54.42 | 15.146 | 0.487 |
| 5/17/2025 10:20 | 1.008 | 1.980 | 2.024 | 3.424 | 0.463 | 3.512 | 56.23 | 56.40 | 56.75 | 54.67 | 55.92 | 54.42 | 15.123 | 0.488 |
| 5/17/2025 10:30 | 1.000 | 1.976 | 2.027 | 3.424 | 0.468 | 3.508 | 56.40 | 56.40 | 56.75 | 54.67 | 55.94 | 54.42 | 15.115 | 0.489 |
| 5/17/2025 10:40 | 0.981 | 1.968 | 2.017 | 3.417 | 0.452 | 3.498 | 56.40 | 56.40 | 56.92 | 54.67 | 55.98 | 54.42 | 14.919 | 0.491 |
| 5/17/2025 10:50 | 0.976 | 1.975 | 2.028 | 3.420 | 0.462 | 3.511 | 56.40 | 56.40 | 56.92 | 54.67 | 56.00 | 54.42 | 14.929 | 0.492 |
| 5/17/2025 11:00 | 0.968 | 1.971 | 2.025 | 3.423 | 0.455 | 3.515 | 56.40 | 56.40 | 57.10 | 54.67 | 56.02 | 54.42 | 14.914 | 0.493 |
| 5/17/2025 11:10 | 0.955 | 1.978 | 2.024 | 3.419 | 0.456 | 3.504 | 56.40 | 56.40 | 57.10 | 54.67 | 56.04 | 54.42 | 14.912 | 0.494 |
| 5/17/2025 11:20 | 0.948 | 1.971 | 2.021 | 3.419 | 0.462 | 3.516 | 56.58 | 56.40 | 57.10 | 54.67 | 56.07 | 54.42 | 14.852 | 0.496 |
| 5/17/2025 11:30 | 0.937 | 1.972 | 2.022 | 3.420 | 0.454 | 3.505 | 56.58 | 56.40 | 57.10 | 54.67 | 56.10 | 54.42 | 14.840 | 0.497 |
| 5/17/2025 11:40 | 0.937 | 1.979 | 2.023 | 3.419 | 0.458 | 3.509 | 56.58 | 56.40 | 57.27 | 54.67 | 56.15 | 54.42 | 14.782 | 0.498 |
| 5/17/2025 11:50 | 0.922 | 1.969 | 2.013 | 3.417 | 0.454 | 3.501 | 56.58 | 56.40 | 57.27 | 54.67 | 56.21 | 54.42 | 14.513 | 0.500 |
| 5/17/2025 12:00 | 0.911 | 1.969 | 2.013 | 3.413 | 0.453 | 3.509 | 56.58 | 56.40 | 57.27 | 54.67 | 56.24 | 54.43 | 14.428 | 0.501 |
| 5/17/2025 12:10 | 0.904 | 1.966 | 2.015 | 3.414 | 0.453 | 3.511 | 56.58 | 56.40 | 57.44 | 54.67 | 56.26 | 54.43 | 14.340 | 0.502 |
| 5/17/2025 12:20 | 0.908 | 1.978 | 2.012 | 3.415 | 0.459 | 3.517 | 56.58 | 56.40 | 57.44 | 54.67 | 56.29 | 54.43 | 14.181 | 0.504 |
| 5/17/2025 12:30 | 0.897 | 1.967 | 2.016 | 3.415 | 0.454 | 3.513 | 56.75 | 56.40 | 57.44 | 54.67 | 56.31 | 54.43 | 14.133 | 0.505 |
| 5/17/2025 12:40 | 0.896 | 1.971 | 2.020 | 3.414 | 0.457 | 3.515 | 56.75 | 56.40 | 57.44 | 54.67 | 56.32 | 54.44 | 14.120 | 0.506 |
| 5/17/2025 12:50 | 0.888 | 1.970 | 2.024 | 3.418 | 0.459 | 3.517 | 56.58 | 56.40 | 57.44 | 54.67 | 56.35 | 54.44 | 13.882 | 0.508 |
| 5/17/2025 13:00 | 0.911 | 1.962 | 2.008 | 3.409 | 0.450 | 3.508 | 56.75 | 56.40 | 57.44 | 54.67 | 56.37 | 54.44 | 13.699 | 0.509 |
| 5/17/2025 13:10 | 0.989 | 1.973 | 2.016 | 3.413 | 0.453 | 3.513 | 56.75 | 56.58 | 57.44 | 54.67 | 56.42 | 54.44 | 13.106 | 0.510 |
| 5/17/2025 13:20 | 1.091 | 1.973 | 2.017 | 3.417 | 0.458 | 3.512 | 56.75 | 56.40 | 57.44 | 54.67 | 56.43 | 54.44 | 12.973 | 0.512 |
| 5/17/2025 13:30 | 1.190 | 1.970 | 2.016 | 3.413 | 0.464 | 3.510 | 56.75 | 56.58 | 57.27 | 54.67 | 56.42 | 54.44 | 12.862 | 0.513 |
| 5/17/2025 13:40 | 1.351 | 1.969 | 2.019 | 3.416 | 0.499 | 3.519 | 56.75 | 56.58 | 57.27 | 54.67 | 56.42 | 54.44 | 12.756 | 0.514 |
| 5/17/2025 13:50 | 1.502 | 1.974 | 2.020 | 3.409 | 0.576 | 3.518 | 56.75 | 56.58 | 57.27 | 54.67 | 56.40 | 54.45 | 12.699 | 0.515 |
| 5/17/2025 14:00 | 1.664 | 1.965 | 2.012 | 3.408 | 0.714 | 3.510 | 57.10 | 56.58 | 57.27 | 54.67 | 56.35 | 54.45 | 12.690 | 0.517 |
| 5/17/2025 14:10 | 1.856 | 2.018 | 2.037 | 3.411 | 0.893 | 3.525 | 57.10 | 56.58 | 57.10 | 54.67 | 56.29 | 54.44 | 12.701 | 0.518 |
| 5/17/2025 14:20 | 2.064 | 2.156 | 2.146 | 3.411 | 1.078 | 3.521 | 56.92 | 56.58 | 57.10 | 54.67 | 56.29 | 54.45 | 13.004 | 0.520 |
| 5/17/2025 14:30 | 2.262 | 2.371 | 2.366 | 3.404 | 1.289 | 3.511 | 56.92 | 56.58 | 57.10 | 54.67 | 56.99 | 54.45 | 16.488 | 0.522 |
| 5/17/2025 14:40 | 2.465 | 2.585 | 2.577 | 3.411 | 1.507 | 3.516 | 56.75 | 56.58 | 57.10 | 54.67 | 57.06 | 54.45 | 17.634 | 0.523 |
| 5/17/2025 14:50 | 2.698 | 2.780 | 2.763 | 3.406 | 1.724 | 3.516 | 56.75 | 56.58 | 57.10 | 54.67 | 56.96 | 54.46 | 18.306 | 0.525 |
| 5/17/2025 15:00 | 2.847 | 2.952 | 2.945 | 3.406 | 1.872 | 3.508 | 56.75 | 56.58 | 57.10 | 54.67 | 56.86 | 54.46 | 18.820 | 0.528 |
| 5/17/2025 15:10 | 2.968 | 3.100 | 3.090 | 3.405 | 1.997 | 3.519 | 56.75 | 56.58 | 57.10 | 54.67 | 56.81 | 54.46 | 19.260 | 0.530 |
| 5/17/2025 15:20 | 3.130 | 3.207 | 3.185 | 3.404 | 2.131 | 3.523 | 56.75 | 56.58 | 57.10 | 54.67 | 56.76 | 54.46 | 19.644 | 0.532 |
| 5/17/2025 15:30 | 3.152 | 3.291 | 3.280 | 3.410 | 2.191 | 3.526 | 56.75 | 56.58 | 57.10 | 54.50 | 56.70 | 54.47 | 19.853 | 0.534 |
| 5/17/2025 15:40 | 3.184 | 3.326 | 3.284 | 3.426 | 2.244 | 3.515 | 56.75 | 56.58 | 57.10 | 54.50 | 56.62 | 54.47 | 20.027 | 0.537 |
| 5/17/2025 15:50 | 3.129 | 3.306 | 3.296 | 3.442 | 2.231 | 3.514 | 56.75 | 56.58 | 57.10 | 54.50 | 56.56 | 54.47 | 20.079 | 0.539 |
| 5/17/2025 16:00 | 3.063 | 3.232 | 3.214 | 3.448 | 2.135 | 3.519 | 56.75 | 56.58 | 57.10 | 54.67 | 56.50 | 54.48 | 20.066 | 0.542 |
| 5/17/2025 16:10 | 2.952 | 3.123 | 3.119 | 3.432 | 2.028 | 3.512 | 56.92 | 56.58 | 57.10 | 54.67 | 56.47 | 54.48 | 20.037 | 0.544 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/17/2025 16:20 | 2.870 | 3.033 | 3.029 | 3.420 | 1.950 | 3.518 | 56.75 | 56.58 | 57.10 | 54.50 | 56.46 | 54.48 | 19.984 | 0.547 |
| 5/17/2025 16:30 | 2.748 | 2.941 | 2.938 | 3.413 | 1.851 | 3.514 | 56.75 | 56.58 | 57.10 | 54.50 | 56.46 | 54.48 | 19.971 | 0.549 |
| 5/17/2025 16:40 | 2.668 | 2.857 | 2.858 | 3.417 | 1.754 | 3.522 | 56.75 | 56.58 | 57.10 | 54.50 | 56.46 | 54.49 | 19.934 | 0.552 |
| 5/17/2025 16:50 | 2.546 | 2.742 | 2.731 | 3.409 | 1.623 | 3.533 | 56.75 | 56.58 | 57.10 | 54.50 | 56.45 | 54.49 | 19.863 | 0.555 |
| 5/17/2025 17:00 | 2.424 | 2.620 | 2.621 | 3.405 | 1.509 | 3.516 | 56.75 | 56.58 | 56.92 | 54.50 | 56.44 | 54.49 | 19.837 | 0.557 |
| 5/17/2025 17:10 | 2.313 | 2.512 | 2.516 | 3.413 | 1.410 | 3.529 | 56.75 | 56.58 | 56.92 | 54.50 | 56.45 | 54.49 | 19.792 | 0.560 |
| 5/17/2025 17:20 | 2.207 | 2.421 | 2.429 | 3.409 | 1.294 | 3.522 | 56.75 | 56.58 | 56.92 | 54.50 | 56.45 | 54.49 | 19.746 | 0.562 |
| 5/17/2025 17:30 | 2.093 | 2.326 | 2.341 | 3.402 | 1.191 | 3.519 | 56.75 | 56.58 | 56.92 | 54.50 | 56.44 | 54.50 | 19.722 | 0.565 |
| 5/17/2025 17:40 | 1.998 | 2.241 | 2.260 | 3.398 | 1.106 | 3.515 | 56.75 | 56.58 | 56.92 | 54.50 | 56.41 | 54.50 | 19.701 | 0.567 |
| 5/17/2025 17:50 | 1.908 | 2.169 | 2.203 | 3.406 | 1.023 | 3.524 | 56.75 | 56.58 | 56.92 | 54.50 | 56.38 | 54.51 | 19.687 | 0.569 |
| 5/17/2025 18:00 | 1.821 | 2.112 | 2.144 | 3.398 | 0.937 | 3.518 | 56.92 | 56.58 | 56.75 | 54.50 | 56.35 | 54.51 | 19.627 | 0.572 |
| 5/17/2025 18:10 | 1.750 | 2.057 | 2.099 | 3.401 | 0.867 | 3.517 | 56.92 | 56.58 | 56.75 | 54.50 | 56.34 | 54.51 | 19.557 | 0.574 |
| 5/17/2025 18:20 | 1.674 | 2.022 | 2.059 | 3.401 | 0.802 | 3.515 | 56.92 | 56.58 | 56.75 | 54.50 | 56.35 | 54.51 | 19.440 | 0.576 |
| 5/17/2025 18:30 | 1.615 | 1.999 | 2.040 | 3.405 | 0.751 | 3.519 | 56.92 | 56.58 | 56.58 | 54.50 | 56.35 | 54.51 | 19.181 | 0.579 |
| 5/17/2025 18:40 | 1.560 | 2.000 | 2.034 | 3.409 | 0.708 | 3.531 | 56.92 | 56.58 | 56.58 | 54.50 | 56.34 | 54.51 | 18.580 | 0.581 |
| 5/17/2025 18:50 | 1.498 | 1.974 | 2.016 | 3.403 | 0.656 | 3.513 | 56.92 | 56.58 | 56.58 | 54.50 | 56.32 | 54.51 | 16.632 | 0.583 |
| 5/17/2025 19:00 | 1.458 | 1.978 | 2.017 | 3.414 | 0.633 | 3.530 | 56.92 | 56.58 | 56.58 | 54.50 | 56.30 | 54.52 | 12.327 | 0.585 |
| 5/17/2025 19:10 | 1.412 | 1.975 | 2.016 | 3.407 | 0.599 | 3.528 | 56.75 | 56.58 | 56.40 | 54.50 | 56.25 | 54.52 | 10.137 | 0.587 |
| 5/17/2025 19:20 | 1.369 | 1.967 | 2.006 | 3.404 | 0.562 | 3.526 | 56.75 | 56.58 | 56.40 | 54.50 | 56.21 | 54.52 | 7.526 | 0.589 |
| 5/17/2025 19:30 | 1.329 | 1.966 | 2.013 | 3.403 | 0.542 | 3.523 | 56.75 | 56.40 | 56.40 | 54.50 | 56.16 | 54.52 | 5.681 | 0.592 |
| 5/17/2025 19:40 | 1.289 | 1.963 | 2.010 | 3.403 | 0.527 | 3.522 | 56.75 | 56.40 | 56.40 | 54.50 | 56.11 | 54.52 | 4.869 | 0.594 |
| 5/17/2025 19:50 | 1.251 | 1.960 | 2.009 | 3.404 | 0.503 | 3.521 | 56.75 | 56.40 | 56.23 | 54.50 | 56.06 | 54.52 | 4.240 | 0.596 |
| 5/17/2025 20:00 | 1.226 | 1.963 | 2.002 | 3.404 | 0.492 | 3.522 | 56.58 | 56.40 | 56.23 | 54.50 | 56.00 | 54.52 | 4.000 | 0.598 |
| 5/17/2025 20:10 | 1.198 | 1.960 | 2.009 | 3.404 | 0.477 | 3.522 | 56.58 | 56.40 | 56.23 | 54.50 | 55.96 | 54.52 | 2.979 | 0.599 |
| 5/17/2025 20:20 | 1.167 | 1.963 | 2.009 | 3.411 | 0.475 | 3.525 | 56.58 | 56.40 | 56.06 | 54.50 | 55.91 | 54.52 | 2.416 | 0.601 |
| 5/17/2025 20:30 | 1.143 | 1.960 | 2.009 | 3.396 | 0.456 | 3.518 | 56.40 | 56.40 | 56.06 | 54.50 | 55.86 | 54.52 | 2.166 | 0.603 |
| 5/17/2025 20:40 | 1.115 | 1.963 | 2.001 | 3.403 | 0.460 | 3.523 | 56.40 | 56.40 | 55.88 | 54.50 | 55.81 | 54.52 | 2.124 | 0.605 |
| 5/17/2025 20:50 | 1.107 | 1.963 | 2.012 | 3.403 | 0.466 | 3.520 | 56.40 | 56.40 | 55.88 | 54.50 | 55.75 | 54.52 | 2.320 | 0.606 |
| 5/17/2025 21:00 | 1.079 | 1.963 | 2.012 | 3.404 | 0.453 | 3.525 | 56.23 | 56.23 | 55.88 | 54.50 | 55.70 | 54.52 | 2.380 | 0.608 |
| 5/17/2025 21:10 | 1.067 | 1.963 | 2.012 | 3.404 | 0.457 | 3.523 | 56.06 | 56.23 | 55.71 | 54.50 | 55.65 | 54.52 | 2.566 | 0.610 |
| 5/17/2025 21:20 | 1.050 | 1.961 | 1.996 | 3.398 | 0.454 | 3.515 | 56.06 | 56.23 | 55.71 | 54.50 | 55.59 | 54.52 | 2.877 | 0.611 |
| 5/17/2025 21:30 | 1.028 | 1.964 | 2.003 | 3.401 | 0.450 | 3.517 | 55.88 | 56.23 | 55.71 | 54.50 | 55.54 | 54.52 | 3.053 | 0.613 |
| 5/17/2025 21:40 | 1.008 | 1.963 | 2.002 | 3.404 | 0.457 | 3.522 | 55.88 | 56.23 | 55.71 | 54.50 | 55.49 | 54.52 | 3.147 | 0.615 |
| 5/17/2025 21:50 | 0.995 | 1.959 | 2.002 | 3.393 | 0.448 | 3.518 | 55.71 | 56.23 | 55.71 | 54.50 | 55.43 | 54.52 | 3.207 | 0.616 |
| 5/17/2025 22:00 | 0.997 | 2.004 | 2.053 | 3.422 | 0.472 | 3.660 | 55.71 | 56.23 | 55.54 | 54.50 | 55.39 | 54.52 | 3.202 | 0.618 |
| 5/17/2025 22:10 | 0.977 | 2.023 | 2.068 | 3.430 | 0.485 | 3.670 | 55.54 | 56.23 | 55.54 | 54.50 | 55.34 | 54.55 | 3.658 | 0.619 |
| 5/17/2025 22:20 | 0.977 | 2.016 | 2.057 | 3.442 | 0.489 | 3.649 | 55.54 | 56.23 | 55.54 | 54.50 | 55.30 | 54.58 | 3.986 | 0.621 |
| 5/17/2025 22:30 | 0.962 | 2.004 | 2.042 | 3.446 | 0.481 | 3.628 | 55.54 | 56.06 | 55.54 | 54.50 | 55.27 | 54.63 | 4.055 | 0.622 |
| 5/17/2025 22:40 | 0.943 | 1.985 | 2.035 | 3.439 | 0.468 | 3.607 | 55.54 | 56.06 | 55.54 | 54.50 | 55.26 | 54.66 | 3.508 | 0.623 |
| 5/17/2025 22:50 | 0.945 | 2.012 | 2.064 | 3.465 | 0.478 | 3.635 | 55.54 | 56.06 | 55.54 | 54.50 | 55.25 | 54.67 | 3.189 | 0.624 |
| 5/17/2025 23:00 | 0.936 | 2.023 | 2.078 | 3.480 | 0.487 | 3.653 | 55.36 | 56.06 | 55.54 | 54.50 | 55.25 | 54.69 | 2.623 | 0.624 |
| 5/17/2025 23:10 | 0.943 | 2.033 | 2.086 | 3.491 | 0.489 | 3.640 | 55.36 | 56.06 | 55.54 | 54.50 | 55.23 | 54.71 | 2.414 | 0.625 |
| 5/17/2025 23:20 | 0.927 | 2.026 | 2.086 | 3.502 | 0.491 | 3.624 | 55.36 | 56.06 | 55.54 | 54.50 | 55.18 | 54.74 | 2.331 | 0.625 |
| 5/17/2025 23:30 | 0.914 | 2.021 | 2.071 | 3.501 | 0.485 | 3.585 | 55.36 | 56.06 | 55.36 | 54.50 | 55.16 | 54.75 | 2.120 | 0.625 |
| 5/17/2025 23:40 | 0.922 | 2.025 | 2.075 | 3.509 | 0.490 | 3.582 | 55.36 | 56.06 | 55.36 | 54.50 | 55.14 | 54.77 | 2.345 | 0.625 |
| 5/17/2025 23:50 | 0.915 | 2.025 | 2.075 | 3.517 | 0.495 | 3.567 | 55.36 | 55.88 | 55.36 | 54.50 | 55.12 | 54.79 | 2.413 | 0.625 |
| 5/18/2025 0:00 | 0.911 | 2.025 | 2.075 | 3.517 | 0.498 | 3.567 | 55.36 | 55.88 | 55.36 | 54.50 | 55.10 | 54.80 | 2.103 | 0.624 |
| 5/18/2025 0:10 | 0.907 | 2.033 | 2.082 | 3.514 | 0.497 | 3.566 | 55.19 | 55.88 | 55.36 | 54.50 | 55.07 | 54.81 | 1.899 | 0.624 |
| 5/18/2025 0:20 | 0.927 | 2.029 | 2.078 | 3.506 | 0.495 | 3.556 | 55.19 | 55.88 | 55.36 | 54.50 | 55.04 | 54.82 | 1.854 | 0.623 |
| 5/18/2025 0:30 | 1.044 | 2.033 | 2.086 | 3.502 | 0.497 | 3.552 | 55.19 | 55.88 | 55.36 | 54.50 | 55.01 | 54.83 | 1.970 | 0.622 |
| 5/18/2025 0:40 | 1.089 | 2.030 | 2.085 | 3.495 | 0.497 | 3.541 | 55.19 | 55.88 | 55.19 | 54.50 | 54.97 | 54.84 | 1.866 | 0.621 |
| 5/18/2025 0:50 | 1.238 | 2.029 | 2.077 | 3.495 | 0.516 | 3.543 | 55.19 | 55.88 | 55.19 | 54.50 | 54.94 | 54.85 | 2.011 | 0.620 |
| 5/18/2025 1:00 | 1.404 | 2.026 | 2.074 | 3.483 | 0.576 | 3.542 | 55.19 | 55.88 | 55.19 | 54.50 | 54.90 | 54.85 | 2.129 | 0.619 |
| 5/18/2025 1:10 | 1.631 | 2.029 | 2.089 | 3.487 | 0.691 | 3.543 | 55.02 | 55.71 | 55.19 | 54.50 | 54.86 | 54.86 | 2.690 | 0.618 |
| 5/18/2025 1:20 | 1.850 | 2.059 | 2.096 | 3.479 | 0.893 | 3.545 | 55.54 | 55.71 | 55.19 | 54.50 | 54.81 | 54.86 | 6.355 | 0.616 |
| 5/18/2025 1:30 | 2.095 | 2.216 | 2.209 | 3.475 | 1.137 | 3.536 | 55.71 | 55.71 | 55.19 | 54.50 | 54.77 | 54.86 | 7.716 | 0.615 |
| 5/18/2025 1:40 | 2.414 | 2.484 | 2.470 | 3.465 | 1.409 | 3.534 | 55.71 | 55.71 | 55.02 | 54.32 | 55.61 | 54.86 | 16.224 | 0.614 |
| 5/18/2025 1:50 | 2.717 | 2.770 | 2.747 | 3.468 | 1.710 | 3.538 | 55.88 | 55.71 | 55.02 | 54.32 | 55.90 | 54.86 | 17.464 | 0.613 |
| 5/18/2025 2:00 | 3.037 | 3.037 | 3.024 | 3.464 | 1.987 | 3.533 | 56.06 | 55.71 | 55.02 | 54.32 | 56.03 | 54.86 | 18.950 | 0.611 |
| 5/18/2025 2:10 | 3.286 | 3.314 | 3.291 | 3.472 | 2.275 | 3.539 | 56.23 | 55.71 | 55.02 | 54.32 | 56.13 | 54.86 | 20.445 | 0.610 |
| 5/18/2025 2:20 | 3.538 | 3.559 | 3.518 | 3.510 | 2.482 | 3.541 | 56.23 | 55.71 | 55.02 | 54.32 | 56.23 | 54.86 | 21.486 | 0.610 |
| 5/18/2025 2:30 | 3.776 | 3.736 | 3.700 | 3.647 | 2.675 | 3.533 | 56.40 | 55.71 | 55.02 | 54.32 | 56.31 | 54.86 | 22.089 | 0.609 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/18/2025 2:40 | 4.002 | 3.912 | 3.873 | 3.770 | 2.857 | 3.533 | 56.40 | 55.71 | 55.02 | 54.32 | 56.32 | 54.86 | 22.303 | 0.608 |
| 5/18/2025 2:50 | 4.135 | 4.081 | 4.034 | 3.867 | 3.010 | 3.534 | 56.40 | 55.71 | 55.19 | 54.32 | 56.34 | 54.85 | 22.547 | 0.608 |
| 5/18/2025 3:00 | 4.230 | 4.200 | 4.148 | 3.956 | 3.130 | 3.534 | 56.40 | 55.71 | 55.54 | 54.32 | 56.29 | 54.85 | 22.694 | 0.608 |
| 5/18/2025 3:10 | 4.334 | 4.308 | 4.256 | 4.020 | 3.243 | 3.529 | 56.23 | 55.71 | 55.88 | 54.32 | 56.27 | 54.85 | 22.883 | 0.608 |
| 5/18/2025 3:20 | 4.350 | 4.351 | 4.316 | 4.067 | 3.287 | 3.534 | 56.23 | 55.88 | 56.06 | 54.32 | 56.21 | 54.84 | 22.968 | 0.608 |
| 5/18/2025 3:30 | 4.362 | 4.394 | 4.349 | 4.117 | 3.320 | 3.526 | 56.23 | 55.88 | 56.23 | 54.32 | 56.21 | 54.83 | 23.054 | 0.608 |
| 5/18/2025 3:40 | 4.354 | 4.420 | 4.385 | 4.160 | 3.349 | 3.538 | 56.23 | 55.88 | 56.23 | 54.32 | 56.13 | 54.83 | 23.188 | 0.609 |
| 5/18/2025 3:50 | 4.312 | 4.402 | 4.389 | 4.188 | 3.333 | 3.534 | 56.23 | 55.88 | 56.23 | 54.32 | 56.05 | 54.83 | 23.245 | 0.609 |
| 5/18/2025 4:00 | 4.332 | 4.433 | 4.401 | 4.211 | 3.360 | 3.535 | 56.23 | 56.06 | 56.40 | 54.32 | 56.05 | 54.82 | 23.345 | 0.610 |
| 5/18/2025 4:10 | 4.229 | 4.414 | 4.397 | 4.235 | 3.304 | 3.531 | 56.23 | 56.06 | 56.40 | 54.50 | 55.97 | 54.82 | 23.365 | 0.611 |
| 5/18/2025 4:20 | 4.165 | 4.344 | 4.317 | 4.251 | 3.244 | 3.538 | 56.23 | 56.06 | 56.40 | 54.50 | 55.91 | 54.81 | 23.400 | 0.613 |
| 5/18/2025 4:30 | 4.063 | 4.268 | 4.262 | 4.251 | 3.161 | 3.536 | 56.23 | 56.06 | 56.40 | 54.50 | 55.88 | 54.81 | 23.376 | 0.614 |
| 5/18/2025 4:40 | 3.920 | 4.156 | 4.155 | 4.235 | 3.040 | 3.529 | 56.23 | 55.88 | 56.23 | 54.50 | 55.85 | 54.80 | 23.308 | 0.615 |
| 5/18/2025 4:50 | 3.742 | 4.018 | 4.022 | 4.204 | 2.879 | 3.529 | 56.23 | 55.88 | 56.06 | 54.50 | 56.06 | 54.80 | 22.745 | 0.617 |
| 5/18/2025 5:00 | 3.588 | 3.872 | 3.876 | 4.173 | 2.726 | 3.513 | 56.06 | 55.88 | 55.88 | 54.50 | 56.10 | 54.79 | 22.031 | 0.619 |
| 5/18/2025 5:10 | 3.433 | 3.729 | 3.740 | 4.149 | 2.575 | 3.526 | 56.06 | 55.88 | 55.71 | 54.50 | 56.04 | 54.78 | 21.076 | 0.621 |
| 5/18/2025 5:20 | 3.259 | 3.575 | 3.596 | 4.120 | 2.404 | 3.531 | 56.06 | 55.88 | 55.54 | 54.32 | 55.92 | 54.77 | 19.145 | 0.623 |
| 5/18/2025 5:30 | 3.062 | 3.391 | 3.428 | 4.082 | 2.206 | 3.523 | 56.06 | 55.88 | 55.54 | 54.32 | 55.78 | 54.77 | 16.287 | 0.625 |
| 5/18/2025 5:40 | 2.888 | 3.223 | 3.263 | 4.043 | 2.033 | 3.526 | 55.88 | 55.88 | 55.36 | 54.32 | 55.63 | 54.76 | 12.800 | 0.626 |
| 5/18/2025 5:50 | 2.736 | 3.080 | 3.120 | 4.015 | 1.885 | 3.527 | 55.71 | 55.88 | 55.36 | 54.32 | 55.53 | 54.76 | 11.136 | 0.628 |
| 5/18/2025 6:00 | 2.597 | 2.930 | 2.973 | 3.972 | 1.737 | 3.530 | 55.71 | 55.71 | 55.36 | 54.32 | 55.44 | 54.75 | 10.739 | 0.630 |
| 5/18/2025 6:10 | 2.463 | 2.795 | 2.845 | 3.921 | 1.595 | 3.522 | 55.88 | 55.71 | 55.19 | 54.32 | 55.37 | 54.74 | 11.428 | 0.632 |
| 5/18/2025 6:20 | 2.340 | 2.688 | 2.727 | 3.874 | 1.489 | 3.526 | 55.88 | 55.71 | 55.19 | 54.32 | 55.31 | 54.73 | 12.676 | 0.637 |
| 5/18/2025 6:30 | 2.241 | 2.583 | 2.635 | 3.823 | 1.373 | 3.519 | 55.88 | 55.71 | 55.19 | 54.32 | 55.26 | 54.73 | 13.313 | 0.641 |
| 5/18/2025 6:40 | 2.152 | 2.505 | 2.553 | 3.774 | 1.287 | 3.519 | 55.88 | 55.71 | 55.19 | 54.32 | 55.21 | 54.73 | 13.917 | 0.646 |
| 5/18/2025 6:50 | 2.053 | 2.408 | 2.465 | 3.719 | 1.184 | 3.511 | 55.88 | 55.71 | 55.19 | 54.32 | 55.18 | 54.73 | 14.281 | 0.649 |
| 5/18/2025 7:00 | 1.973 | 2.347 | 2.407 | 3.684 | 1.108 | 3.518 | 55.88 | 55.71 | 55.36 | 54.32 | 55.16 | 54.72 | 14.433 | 0.651 |
| 5/18/2025 7:10 | 1.897 | 2.288 | 2.326 | 3.640 | 1.040 | 3.511 | 55.88 | 55.54 | 55.36 | 54.32 | 55.14 | 54.71 | 14.649 | 0.653 |
| 5/18/2025 7:20 | 1.821 | 2.225 | 2.269 | 3.603 | 0.960 | 3.511 | 55.88 | 55.54 | 55.36 | 54.32 | 55.13 | 54.71 | 14.405 | 0.654 |
| 5/18/2025 7:30 | 1.764 | 2.185 | 2.228 | 3.578 | 0.906 | 3.515 | 55.88 | 55.54 | 55.54 | 54.32 | 55.12 | 54.71 | 14.245 | 0.655 |
| 5/18/2025 7:40 | 1.705 | 2.146 | 2.199 | 3.562 | 0.854 | 3.508 | 56.06 | 55.54 | 55.54 | 54.32 | 55.13 | 54.70 | 13.908 | 0.655 |
| 5/18/2025 7:50 | 1.645 | 2.127 | 2.170 | 3.546 | 0.798 | 3.518 | 56.06 | 55.54 | 55.71 | 54.15 | 55.16 | 54.70 | 13.663 | 0.656 |
| 5/18/2025 8:00 | 1.597 | 2.111 | 2.156 | 3.533 | 0.762 | 3.504 | 56.06 | 55.54 | 55.88 | 54.15 | 55.19 | 54.70 | 13.597 | 0.656 |
| 5/18/2025 8:10 | 1.547 | 2.093 | 2.143 | 3.527 | 0.725 | 3.511 | 56.06 | 55.54 | 56.06 | 54.15 | 55.23 | 54.70 | 13.573 | 0.657 |
| 5/18/2025 8:20 | 1.502 | 2.076 | 2.136 | 3.518 | 0.682 | 3.510 | 56.06 | 55.54 | 56.23 | 54.15 | 55.27 | 54.69 | 13.248 | 0.657 |
| 5/18/2025 8:30 | 1.461 | 2.063 | 2.120 | 3.512 | 0.655 | 3.509 | 56.06 | 55.54 | 56.40 | 54.15 | 55.31 | 54.69 | 12.917 | 0.658 |
| 5/18/2025 8:40 | 1.435 | 2.064 | 2.118 | 3.509 | 0.632 | 3.514 | 56.06 | 55.54 | 56.40 | 54.15 | 55.37 | 54.69 | 12.540 | 0.659 |
| 5/18/2025 8:50 | 1.394 | 2.054 | 2.105 | 3.499 | 0.616 | 3.506 | 56.23 | 55.54 | 56.58 | 54.15 | 55.44 | 54.69 | 12.149 | 0.659 |
| 5/18/2025 9:00 | 1.367 | 2.056 | 2.104 | 3.508 | 0.594 | 3.517 | 56.23 | 55.54 | 56.92 | 54.15 | 55.52 | 54.69 | 11.665 | 0.660 |
| 5/18/2025 9:10 | 1.339 | 2.058 | 2.096 | 3.499 | 0.577 | 3.510 | 56.40 | 55.54 | 57.10 | 54.15 | 55.62 | 54.70 | 11.470 | 0.661 |
| 5/18/2025 9:20 | 1.309 | 2.061 | 2.105 | 3.501 | 0.571 | 3.518 | 56.40 | 55.54 | 57.44 | 54.15 | 55.71 | 54.70 | 11.503 | 0.662 |
| 5/18/2025 9:30 | 1.276 | 2.038 | 2.103 | 3.498 | 0.551 | 3.517 | 56.58 | 55.54 | 57.79 | 54.15 | 55.82 | 54.70 | 11.523 | 0.663 |
| 5/18/2025 9:40 | 1.258 | 2.044 | 2.096 | 3.496 | 0.552 | 3.521 | 56.75 | 55.54 | 58.13 | 54.15 | 55.95 | 54.71 | 11.436 | 0.664 |
| 5/18/2025 9:50 | 1.237 | 2.039 | 2.095 | 3.498 | 0.540 | 3.517 | 56.92 | 55.54 | 58.48 | 54.15 | 56.08 | 54.71 | 11.302 | 0.666 |
| 5/18/2025 10:00 | 1.213 | 2.041 | 2.093 | 3.494 | 0.537 | 3.528 | 57.10 | 55.54 | 58.99 | 54.15 | 56.24 | 54.72 | 11.158 | 0.667 |
| 5/18/2025 10:10 | 1.190 | 2.034 | 2.091 | 3.490 | 0.530 | 3.520 | 57.27 | 55.71 | 59.34 | 54.15 | 56.41 | 54.73 | 10.995 | 0.669 |
| 5/18/2025 10:20 | 1.170 | 2.041 | 2.092 | 3.489 | 0.517 | 3.521 | 57.44 | 55.71 | 59.85 | 54.15 | 56.60 | 54.74 | 11.086 | 0.670 |
| 5/18/2025 10:30 | 1.163 | 2.037 | 2.094 | 3.484 | 0.524 | 3.528 | 57.61 | 55.71 | 60.37 | 54.15 | 56.82 | 54.75 | 11.003 | 0.671 |
| 5/18/2025 10:40 | 1.139 | 2.031 | 2.090 | 3.491 | 0.515 | 3.529 | 57.96 | 55.71 | 60.71 | 54.15 | 57.06 | 54.76 | 10.875 | 0.673 |
| 5/18/2025 10:50 | 1.127 | 2.031 | 2.091 | 3.482 | 0.513 | 3.523 | 58.13 | 55.88 | 61.23 | 54.15 | 57.30 | 54.77 | 10.818 | 0.674 |
| 5/18/2025 11:00 | 1.111 | 2.025 | 2.088 | 3.484 | 0.520 | 3.518 | 58.48 | 55.88 | 61.74 | 54.15 | 57.58 | 54.79 | 10.694 | 0.675 |
| 5/18/2025 11:10 | 1.093 | 2.023 | 2.073 | 3.474 | 0.505 | 3.522 | 58.65 | 55.88 | 62.25 | 54.15 | 57.86 | 54.81 | 10.534 | 0.677 |
| 5/18/2025 11:20 | 1.081 | 2.026 | 2.081 | 3.481 | 0.495 | 3.516 | 58.99 | 56.06 | 62.60 | 54.15 | 58.13 | 54.82 | 10.412 | 0.678 |
| 5/18/2025 11:30 | 1.066 | 2.014 | 2.075 | 3.472 | 0.496 | 3.522 | 59.34 | 56.06 | 63.11 | 54.15 | 58.43 | 54.84 | 10.226 | 0.679 |
| 5/18/2025 11:40 | 1.052 | 2.019 | 2.074 | 3.473 | 0.501 | 3.517 | 59.68 | 56.23 | 63.46 | 54.15 | 58.76 | 54.86 | 10.055 | 0.681 |
| 5/18/2025 11:50 | 1.044 | 2.017 | 2.079 | 3.479 | 0.496 | 3.523 | 60.02 | 56.23 | 63.97 | 54.15 | 59.08 | 54.88 | 9.934 | 0.682 |
| 5/18/2025 12:00 | 1.033 | 2.018 | 2.080 | 3.468 | 0.498 | 3.506 | 60.20 | 56.40 | 64.14 | 54.15 | 59.36 | 54.90 | 9.751 | 0.683 |
| 5/18/2025 12:10 | 1.023 | 2.015 | 2.060 | 3.465 | 0.494 | 3.510 | 60.37 | 56.58 | 64.48 | 54.15 | 59.65 | 54.93 | 9.704 | 0.684 |
| 5/18/2025 12:20 | 1.005 | 2.012 | 2.065 | 3.469 | 0.492 | 3.510 | 60.71 | 56.58 | 64.83 | 54.15 | 59.95 | 54.95 | 9.522 | 0.685 |
| 5/18/2025 12:30 | 1.004 | 2.015 | 2.069 | 3.468 | 0.496 | 3.527 | 60.88 | 56.75 | 65.00 | 54.15 | 60.21 | 54.97 | 9.374 | 0.687 |
| 5/18/2025 12:40 | 1.001 | 2.027 | 2.078 | 3.471 | 0.494 | 3.524 | 61.23 | 56.92 | 65.17 | 54.15 | 60.49 | 54.99 | 9.283 | 0.688 |
| 5/18/2025 12:50 | 0.993 | 2.019 | 2.063 | 3.463 | 0.499 | 3.528 | 61.40 | 57.10 | 65.34 | 54.15 | 60.76 | 55.02 | 9.130 | 0.689 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/18/2025 13:00 | 0.983 | 2.007 | 2.067 | 3.467 | 0.497 | 3.528 | 61.74 | 57.10 | 65.51 | 54.15 | 60.96 | 55.04 | 9.105 | 0.690 |
| 5/18/2025 13:10 | 0.965 | 2.006 | 2.062 | 3.461 | 0.490 | 3.512 | 61.74 | 57.27 | 65.51 | 54.15 | 61.12 | 55.07 | 8.985 | 0.691 |
| 5/18/2025 13:20 | 0.975 | 2.012 | 2.059 | 3.463 | 0.493 | 3.524 | 61.74 | 57.44 | 65.34 | 54.15 | 61.20 | 55.08 | 8.850 | 0.693 |
| 5/18/2025 13:30 | 0.965 | 2.010 | 2.060 | 3.457 | 0.499 | 3.515 | 61.74 | 57.61 | 65.34 | 54.15 | 61.30 | 55.11 | 8.646 | 0.693 |
| 5/18/2025 13:40 | 0.990 | 2.011 | 2.057 | 3.461 | 0.499 | 3.526 | 61.91 | 57.61 | 65.17 | 54.15 | 61.36 | 55.12 | 8.553 | 0.694 |
| 5/18/2025 13:50 | 1.055 | 2.006 | 2.057 | 3.460 | 0.493 | 3.532 | 61.91 | 57.79 | 64.83 | 54.15 | 61.43 | 55.14 | 8.434 | 0.694 |
| 5/18/2025 14:00 | 1.110 | 2.005 | 2.060 | 3.459 | 0.497 | 3.526 | 61.91 | 57.96 | 64.83 | 54.15 | 61.55 | 55.15 | 8.262 | 0.694 |
| 5/18/2025 14:10 | 1.230 | 1.998 | 2.049 | 3.452 | 0.499 | 3.522 | 62.25 | 57.96 | 64.65 | 54.32 | 61.65 | 55.17 | 8.223 | 0.693 |
| 5/18/2025 14:20 | 1.391 | 2.005 | 2.055 | 3.459 | 0.540 | 3.523 | 62.43 | 58.13 | 64.65 | 54.32 | 61.69 | 55.18 | 8.262 | 0.693 |
| 5/18/2025 14:30 | 1.547 | 1.992 | 2.043 | 3.453 | 0.629 | 3.509 | 62.60 | 58.30 | 64.65 | 54.32 | 61.73 | 55.19 | 8.247 | 0.692 |
| 5/18/2025 14:40 | 1.721 | 2.005 | 2.060 | 3.463 | 0.791 | 3.523 | 62.25 | 58.30 | 64.83 | 54.32 | 61.80 | 55.21 | 8.778 | 0.692 |
| 5/18/2025 14:50 | 1.920 | 2.068 | 2.086 | 3.456 | 0.968 | 3.512 | 59.34 | 58.48 | 64.65 | 54.32 | 61.71 | 55.23 | 9.168 | 0.692 |
| 5/18/2025 15:00 | 2.115 | 2.234 | 2.222 | 3.453 | 1.152 | 3.519 | 57.44 | 58.48 | 64.65 | 54.32 | 61.48 | 55.24 | 16.524 | 0.692 |
| 5/18/2025 15:10 | 2.366 | 2.439 | 2.420 | 3.455 | 1.385 | 3.510 | 55.54 | 58.65 | 64.65 | 54.32 | 57.24 | 55.25 | 24.031 | 0.691 |
| 5/18/2025 15:20 | 2.558 | 2.648 | 2.652 | 3.457 | 1.602 | 3.518 | 54.84 | 58.65 | 64.65 | 54.32 | 56.12 | 55.27 | 25.402 | 0.691 |
| 5/18/2025 15:30 | 2.738 | 2.841 | 2.855 | 3.455 | 1.777 | 3.512 | 54.15 | 58.82 | 64.83 | 54.50 | 55.50 | 55.28 | 26.168 | 0.690 |
| 5/18/2025 15:40 | 2.895 | 3.018 | 3.007 | 3.448 | 1.947 | 3.503 | 53.62 | 58.82 | 65.17 | 54.50 | 54.85 | 55.30 | 26.804 | 0.690 |
| 5/18/2025 15:50 | 3.043 | 3.147 | 3.142 | 3.443 | 2.098 | 3.511 | 53.45 | 58.99 | 65.34 | 54.50 | 54.59 | 55.31 | 27.168 | 0.689 |
| 5/18/2025 16:00 | 3.157 | 3.282 | 3.265 | 3.444 | 2.197 | 3.508 | 53.27 | 58.99 | 65.68 | 54.50 | 54.31 | 55.33 | 27.478 | 0.687 |
| 5/18/2025 16:10 | 3.238 | 3.383 | 3.369 | 3.461 | 2.273 | 3.510 | 53.10 | 58.82 | 65.68 | 54.50 | 54.15 | 55.34 | 27.743 | 0.686 |
| 5/18/2025 16:20 | 3.301 | 3.372 | 3.358 | 3.496 | 2.305 | 3.517 | 53.27 | 58.65 | 65.68 | 54.50 | 54.07 | 55.36 | 27.906 | 0.685 |
| 5/18/2025 16:30 | 3.258 | 3.380 | 3.378 | 3.498 | 2.296 | 3.517 | 52.93 | 58.48 | 65.68 | 54.50 | 54.11 | 55.38 | 28.032 | 0.685 |
| 5/18/2025 16:40 | 3.208 | 3.316 | 3.303 | 3.494 | 2.242 | 3.519 | 53.10 | 58.48 | 65.17 | 54.50 | 54.17 | 55.39 | 28.089 | 0.685 |
| 5/18/2025 16:50 | 3.142 | 3.272 | 3.275 | 3.494 | 2.194 | 3.523 | 52.93 | 58.65 | 65.00 | 54.67 | 54.21 | 55.40 | 28.120 | 0.685 |
| 5/18/2025 17:00 | 3.041 | 3.200 | 3.199 | 3.483 | 2.097 | 3.521 | 53.10 | 58.65 | 65.00 | 54.67 | 54.27 | 55.42 | 28.111 | 0.684 |
| 5/18/2025 17:10 | 2.941 | 3.110 | 3.117 | 3.462 | 2.000 | 3.515 | 53.10 | 58.65 | 65.00 | 54.67 | 54.37 | 55.44 | 28.126 | 0.683 |
| 5/18/2025 17:20 | 2.830 | 2.998 | 3.009 | 3.457 | 1.910 | 3.514 | 53.10 | 58.48 | 64.83 | 54.67 | 54.49 | 55.45 | 28.154 | 0.682 |
| 5/18/2025 17:30 | 2.732 | 2.891 | 2.881 | 3.450 | 1.800 | 3.509 | 53.10 | 58.48 | 64.65 | 54.67 | 54.64 | 55.46 | 28.165 | 0.682 |
| 5/18/2025 17:40 | 2.604 | 2.782 | 2.791 | 3.444 | 1.681 | 3.520 | 53.10 | 58.65 | 64.48 | 54.67 | 54.79 | 55.47 | 28.179 | 0.682 |
| 5/18/2025 17:50 | 2.484 | 2.673 | 2.689 | 3.447 | 1.580 | 3.527 | 53.10 | 58.65 | 64.14 | 54.84 | 54.93 | 55.49 | 28.178 | 0.682 |
| 5/18/2025 18:00 | 2.361 | 2.563 | 2.574 | 3.436 | 1.456 | 3.524 | 52.93 | 58.82 | 63.80 | 54.84 | 55.07 | 55.50 | 28.170 | 0.682 |
| 5/18/2025 18:10 | 2.246 | 2.463 | 2.467 | 3.435 | 1.342 | 3.524 | 52.93 | 58.82 | 63.63 | 54.84 | 55.19 | 55.50 | 28.152 | 0.682 |
| 5/18/2025 18:20 | 2.145 | 2.364 | 2.382 | 3.439 | 1.244 | 3.523 | 53.10 | 58.99 | 63.28 | 54.84 | 55.31 | 55.51 | 28.104 | 0.681 |
| 5/18/2025 18:30 | 2.045 | 2.281 | 2.295 | 3.425 | 1.146 | 3.517 | 53.45 | 58.99 | 63.11 | 54.84 | 55.41 | 55.52 | 28.085 | 0.681 |
| 5/18/2025 18:40 | 1.953 | 2.209 | 2.220 | 3.422 | 1.059 | 3.513 | 53.80 | 59.16 | 62.77 | 54.84 | 55.54 | 55.52 | 28.080 | 0.681 |
| 5/18/2025 18:50 | 1.877 | 2.146 | 2.166 | 3.432 | 0.990 | 3.518 | 54.32 | 59.16 | 62.60 | 54.84 | 55.70 | 55.53 | 28.094 | 0.680 |
| 5/18/2025 19:00 | 1.809 | 2.097 | 2.119 | 3.429 | 0.920 | 3.513 | 54.84 | 59.34 | 62.43 | 55.02 | 55.88 | 55.53 | 28.133 | 0.680 |
| 5/18/2025 19:10 | 1.746 | 2.052 | 2.090 | 3.419 | 0.854 | 3.513 | 55.54 | 59.34 | 62.25 | 55.02 | 56.16 | 55.53 | 28.216 | 0.679 |
| 5/18/2025 19:20 | 1.685 | 2.026 | 2.065 | 3.431 | 0.806 | 3.529 | 56.06 | 59.34 | 62.08 | 55.02 | 56.57 | 55.53 | 28.296 | 0.678 |
| 5/18/2025 19:30 | 1.631 | 2.009 | 2.040 | 3.425 | 0.752 | 3.521 | 56.75 | 59.34 | 61.74 | 55.02 | 57.09 | 55.53 | 28.271 | 0.677 |
| 5/18/2025 19:40 | 1.570 | 1.991 | 2.028 | 3.426 | 0.704 | 3.515 | 57.10 | 59.34 | 61.57 | 55.02 | 57.56 | 55.53 | 28.178 | 0.675 |
| 5/18/2025 19:50 | 1.529 | 1.984 | 2.029 | 3.427 | 0.666 | 3.521 | 57.27 | 59.34 | 61.40 | 55.02 | 57.90 | 55.52 | 27.928 | 0.674 |
| 5/18/2025 20:00 | 1.470 | 1.984 | 2.016 | 3.416 | 0.630 | 3.519 | 57.44 | 59.51 | 61.23 | 55.02 | 58.13 | 55.52 | 27.440 | 0.673 |
| 5/18/2025 20:10 | 1.429 | 1.975 | 2.022 | 3.415 | 0.606 | 3.509 | 57.44 | 59.34 | 61.05 | 55.19 | 58.31 | 55.52 | 26.572 | 0.672 |
| 5/18/2025 20:20 | 1.391 | 1.971 | 2.013 | 3.419 | 0.574 | 3.514 | 57.61 | 59.51 | 60.88 | 55.19 | 58.41 | 55.51 | 25.196 | 0.671 |
| 5/18/2025 20:30 | 1.348 | 1.971 | 2.009 | 3.411 | 0.547 | 3.509 | 57.79 | 59.34 | 60.71 | 55.19 | 58.47 | 55.51 | 23.791 | 0.669 |
| 5/18/2025 20:40 | 1.313 | 1.971 | 2.011 | 3.419 | 0.530 | 3.515 | 57.79 | 59.34 | 60.37 | 55.19 | 58.52 | 55.50 | 22.589 | 0.667 |
| 5/18/2025 20:50 | 1.286 | 1.975 | 2.014 | 3.427 | 0.515 | 3.515 | 57.96 | 59.34 | 60.20 | 55.19 | 58.54 | 55.49 | 21.249 | 0.664 |
| 5/18/2025 21:00 | 1.256 | 1.972 | 2.007 | 3.417 | 0.503 | 3.518 | 57.96 | 59.34 | 60.02 | 55.19 | 58.56 | 55.49 | 19.654 | 0.661 |
| 5/18/2025 21:10 | 1.225 | 1.969 | 2.014 | 3.418 | 0.491 | 3.514 | 57.96 | 59.34 | 59.85 | 55.19 | 58.54 | 55.47 | 18.593 | 0.658 |
| 5/18/2025 21:20 | 1.192 | 1.963 | 2.010 | 3.411 | 0.486 | 3.509 | 58.13 | 59.34 | 59.68 | 55.19 | 58.50 | 55.47 | 17.120 | 0.655 |
| 5/18/2025 21:30 | 1.165 | 1.967 | 2.003 | 3.404 | 0.474 | 3.512 | 57.96 | 59.34 | 59.68 | 55.19 | 58.46 | 55.46 | 16.035 | 0.651 |
| 5/18/2025 21:40 | 1.134 | 1.968 | 2.003 | 3.409 | 0.459 | 3.509 | 58.13 | 59.34 | 59.51 | 55.19 | 58.39 | 55.45 | 14.926 | 0.648 |
| 5/18/2025 21:50 | 1.123 | 1.961 | 2.003 | 3.413 | 0.459 | 3.512 | 58.13 | 59.16 | 59.34 | 55.19 | 58.33 | 55.44 | 13.773 | 0.644 |
| 5/18/2025 22:00 | 1.106 | 1.971 | 2.002 | 3.417 | 0.462 | 3.515 | 58.13 | 59.16 | 59.16 | 55.36 | 58.26 | 55.43 | 12.613 | 0.641 |
| 5/18/2025 22:10 | 1.086 | 1.967 | 2.001 | 3.409 | 0.452 | 3.511 | 57.96 | 59.16 | 58.99 | 55.36 | 58.19 | 55.43 | 11.388 | 0.637 |
| 5/18/2025 22:20 | 1.070 | 1.975 | 2.005 | 3.413 | 0.465 | 3.509 | 57.96 | 59.16 | 58.99 | 55.36 | 58.13 | 55.41 | 10.245 | 0.633 |
| 5/18/2025 22:30 | 1.051 | 1.960 | 2.004 | 3.413 | 0.456 | 3.513 | 57.96 | 58.99 | 58.82 | 55.36 | 58.07 | 55.40 | 9.205 | 0.629 |
| 5/18/2025 22:40 | 1.039 | 1.964 | 2.005 | 3.410 | 0.456 | 3.504 | 57.79 | 58.99 | 58.82 | 55.36 | 58.00 | 55.40 | 8.011 | 0.626 |
| 5/18/2025 22:50 | 1.019 | 1.963 | 2.001 | 3.406 | 0.451 | 3.508 | 57.79 | 58.99 | 58.65 | 55.36 | 57.93 | 55.39 | 7.389 | 0.623 |
| 5/18/2025 23:00 | 1.010 | 1.960 | 2.004 | 3.406 | 0.451 | 3.513 | 57.61 | 58.99 | 58.65 | 55.36 | 57.85 | 55.38 | 7.145 | 0.620 |
| 5/18/2025 23:10 | 1.002 | 1.963 | 2.000 | 3.401 | 0.447 | 3.504 | 57.61 | 58.99 | 58.48 | 55.36 | 57.77 | 55.37 | 6.968 | 0.618 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/18/2025 23:20 | 0.993 | 1.962 | 1.996 | 3.409 | 0.454 | 3.511 | 57.61 | 58.82 | 58.48 | 55.36 | 57.70 | 55.36 | 7.016 | 0.615 |
| 5/18/2025 23:30 | 0.985 | 1.962 | 1.999 | 3.413 | 0.458 | 3.521 | 57.44 | 58.82 | 58.30 | 55.36 | 57.63 | 55.35 | 6.936 | 0.613 |
| 5/18/2025 23:40 | 0.970 | 1.959 | 1.996 | 3.406 | 0.449 | 3.516 | 57.44 | 58.82 | 58.30 | 55.36 | 57.55 | 55.34 | 7.076 | 0.611 |
| 5/18/2025 23:50 | 0.954 | 1.967 | 1.992 | 3.406 | 0.440 | 3.516 | 57.27 | 58.82 | 58.30 | 55.36 | 57.49 | 55.33 | 7.075 | 0.609 |
| 5/19/2025 0:00 | 0.947 | 1.963 | 1.996 | 3.399 | 0.446 | 3.510 | 57.27 | 58.65 | 58.13 | 55.36 | 57.42 | 55.32 | 7.042 | 0.607 |
| 5/19/2025 0:10 | 0.939 | 1.960 | 1.996 | 3.403 | 0.455 | 3.513 | 57.10 | 58.65 | 58.13 | 55.36 | 57.36 | 55.31 | 7.021 | 0.604 |
| 5/19/2025 0:20 | 0.931 | 1.961 | 2.004 | 3.408 | 0.455 | 3.508 | 57.10 | 58.65 | 58.13 | 55.36 | 57.29 | 55.30 | 7.074 | 0.602 |
| 5/19/2025 0:30 | 0.920 | 1.957 | 2.000 | 3.404 | 0.440 | 3.511 | 57.10 | 58.48 | 57.96 | 55.36 | 57.23 | 55.30 | 7.009 | 0.600 |
| 5/19/2025 0:40 | 0.920 | 1.957 | 1.996 | 3.408 | 0.452 | 3.512 | 56.92 | 58.48 | 57.96 | 55.36 | 57.17 | 55.28 | 6.958 | 0.598 |
| 5/19/2025 0:50 | 0.908 | 1.958 | 1.996 | 3.405 | 0.455 | 3.514 | 56.92 | 58.48 | 57.79 | 55.36 | 57.11 | 55.27 | 6.792 | 0.596 |
| 5/19/2025 1:00 | 0.902 | 1.955 | 1.989 | 3.406 | 0.452 | 3.517 | 56.92 | 58.48 | 57.79 | 55.36 | 57.06 | 55.27 | 6.608 | 0.594 |
| 5/19/2025 1:10 | 0.893 | 1.951 | 1.989 | 3.406 | 0.446 | 3.500 | 56.75 | 58.48 | 57.61 | 55.36 | 57.01 | 55.26 | 6.484 | 0.592 |
| 5/19/2025 1:20 | 0.918 | 1.951 | 1.989 | 3.399 | 0.440 | 3.511 | 56.75 | 58.30 | 57.61 | 55.36 | 56.95 | 55.25 | 6.331 | 0.590 |
| 5/19/2025 1:30 | 1.009 | 1.955 | 1.989 | 3.399 | 0.441 | 3.508 | 56.75 | 58.30 | 57.61 | 55.36 | 56.90 | 55.24 | 6.228 | 0.588 |
| 5/19/2025 1:40 | 1.103 | 1.960 | 2.000 | 3.403 | 0.450 | 3.514 | 56.75 | 58.30 | 57.44 | 55.36 | 56.84 | 55.24 | 6.157 | 0.586 |
| 5/19/2025 1:50 | 1.227 | 1.948 | 1.993 | 3.396 | 0.463 | 3.510 | 56.75 | 58.13 | 57.44 | 55.36 | 56.78 | 55.23 | 6.091 | 0.585 |
| 5/19/2025 2:00 | 1.377 | 1.945 | 1.989 | 3.393 | 0.497 | 3.509 | 56.75 | 58.13 | 57.27 | 55.36 | 56.72 | 55.21 | 6.152 | 0.583 |
| 5/19/2025 2:10 | 1.558 | 1.949 | 1.986 | 3.390 | 0.615 | 3.515 | 56.75 | 58.13 | 57.27 | 55.36 | 56.64 | 55.20 | 6.323 | 0.581 |
| 5/19/2025 2:20 | 1.805 | 1.973 | 1.996 | 3.394 | 0.832 | 3.509 | 55.02 | 58.13 | 57.10 | 55.36 | 56.55 | 55.20 | 6.661 | 0.579 |
| 5/19/2025 2:30 | 2.041 | 2.137 | 2.113 | 3.398 | 1.051 | 3.531 | 53.80 | 58.13 | 57.10 | 55.36 | 55.58 | 55.19 | 17.473 | 0.577 |
| 5/19/2025 2:40 | 2.292 | 2.361 | 2.351 | 3.396 | 1.302 | 3.518 | 52.93 | 57.96 | 56.92 | 55.36 | 53.29 | 55.18 | 24.307 | 0.574 |
| 5/19/2025 2:50 | 2.610 | 2.649 | 2.633 | 3.401 | 1.593 | 3.524 | 52.05 | 57.96 | 56.92 | 55.36 | 52.52 | 55.17 | 25.324 | 0.573 |
| 5/19/2025 3:00 | 2.900 | 2.918 | 2.910 | 3.398 | 1.883 | 3.520 | 51.52 | 57.96 | 56.92 | 55.36 | 52.09 | 55.15 | 26.294 | 0.571 |
| 5/19/2025 3:10 | 3.183 | 3.199 | 3.177 | 3.395 | 2.131 | 3.520 | 50.82 | 57.96 | 56.75 | 55.36 | 52.32 | 55.14 | 27.394 | 0.569 |
| 5/19/2025 3:20 | 3.435 | 3.451 | 3.411 | 3.403 | 2.394 | 3.511 | 50.64 | 57.61 | 56.75 | 55.36 | 51.49 | 55.14 | 27.951 | 0.566 |
| 5/19/2025 3:30 | 3.640 | 3.652 | 3.616 | 3.532 | 2.589 | 3.518 | 50.47 | 54.50 | 56.75 | 55.36 | 50.91 | 55.13 | 28.792 | 0.564 |
| 5/19/2025 3:40 | 3.843 | 3.819 | 3.782 | 3.680 | 2.748 | 3.512 | 50.64 | 53.27 | 56.92 | 55.36 | 50.55 | 55.12 | 29.337 | 0.560 |
| 5/19/2025 3:50 | 3.978 | 3.964 | 3.941 | 3.789 | 2.905 | 3.518 | 50.47 | 52.58 | 55.54 | 55.36 | 50.45 | 55.11 | 29.525 | 0.558 |
| 5/19/2025 4:00 | 4.109 | 4.094 | 4.059 | 3.868 | 3.025 | 3.514 | 50.64 | 52.23 | 54.15 | 55.36 | 50.43 | 55.09 | 29.644 | 0.557 |
| 5/19/2025 4:10 | 4.173 | 4.190 | 4.153 | 3.946 | 3.123 | 3.514 | 50.64 | 52.05 | 52.75 | 55.36 | 50.43 | 55.08 | 29.687 | 0.555 |
| 5/19/2025 4:20 | 4.189 | 4.248 | 4.219 | 3.996 | 3.184 | 3.510 | 50.47 | 51.87 | 51.87 | 55.19 | 50.39 | 55.06 | 29.763 | 0.554 |
| 5/19/2025 4:30 | 4.194 | 4.287 | 4.255 | 4.044 | 3.215 | 3.504 | 50.64 | 51.87 | 51.52 | 55.36 | 50.33 | 55.05 | 29.802 | 0.551 |
| 5/19/2025 4:40 | 4.171 | 4.291 | 4.276 | 4.082 | 3.215 | 3.512 | 50.64 | 51.70 | 51.35 | 55.19 | 50.34 | 55.04 | 29.806 | 0.550 |
| 5/19/2025 4:50 | 4.135 | 4.240 | 4.235 | 4.117 | 3.166 | 3.522 | 50.64 | 51.52 | 51.17 | 55.19 | 50.55 | 55.02 | 29.828 | 0.548 |
| 5/19/2025 5:00 | 4.033 | 4.191 | 4.184 | 4.120 | 3.098 | 3.520 | 50.47 | 51.52 | 51.17 | 54.84 | 50.58 | 55.01 | 29.832 | 0.546 |
| 5/19/2025 5:10 | 3.954 | 4.131 | 4.119 | 4.111 | 3.027 | 3.522 | 50.29 | 51.70 | 51.17 | 54.50 | 50.44 | 55.00 | 29.760 | 0.544 |
| 5/19/2025 5:20 | 3.820 | 4.044 | 4.040 | 4.088 | 2.925 | 3.513 | 50.29 | 52.23 | 51.52 | 54.50 | 50.34 | 54.99 | 29.719 | 0.543 |
| 5/19/2025 5:30 | 3.660 | 3.915 | 3.903 | 4.050 | 2.783 | 3.511 | 50.47 | 52.75 | 52.05 | 54.67 | 50.38 | 54.98 | 29.552 | 0.541 |
| 5/19/2025 5:40 | 3.526 | 3.774 | 3.778 | 4.016 | 2.648 | 3.507 | 50.64 | 53.10 | 52.58 | 54.67 | 50.56 | 54.96 | 29.035 | 0.539 |
| 5/19/2025 5:50 | 3.357 | 3.617 | 3.623 | 3.967 | 2.484 | 3.515 | 50.82 | 53.45 | 53.10 | 54.84 | 50.84 | 54.95 | 27.949 | 0.538 |
| 5/19/2025 6:00 | 3.200 | 3.460 | 3.472 | 3.912 | 2.319 | 3.521 | 51.00 | 53.62 | 53.62 | 54.84 | 51.12 | 54.95 | 26.392 | 0.536 |
| 5/19/2025 6:10 | 3.018 | 3.285 | 3.299 | 3.840 | 2.142 | 3.510 | 51.35 | 53.80 | 54.15 | 54.84 | 51.38 | 54.94 | 24.712 | 0.534 |
| 5/19/2025 6:20 | 2.860 | 3.124 | 3.139 | 3.777 | 1.983 | 3.508 | 51.70 | 53.97 | 54.50 | 54.84 | 51.62 | 54.93 | 23.720 | 0.533 |
| 5/19/2025 6:30 | 2.703 | 2.964 | 2.980 | 3.688 | 1.822 | 3.510 | 51.52 | 53.97 | 54.67 | 54.84 | 51.82 | 54.92 | 23.884 | 0.531 |
| 5/19/2025 6:40 | 2.571 | 2.825 | 2.841 | 3.637 | 1.688 | 3.521 | 51.52 | 54.15 | 54.84 | 54.84 | 52.05 | 54.91 | 23.979 | 0.530 |
| 5/19/2025 6:50 | 2.441 | 2.684 | 2.702 | 3.575 | 1.557 | 3.517 | 51.35 | 54.15 | 54.84 | 54.84 | 52.29 | 54.90 | 23.877 | 0.529 |
| 5/19/2025 7:00 | 2.327 | 2.577 | 2.585 | 3.540 | 1.439 | 3.515 | 51.35 | 54.32 | 54.84 | 54.84 | 52.51 | 54.90 | 23.891 | 0.528 |
| 5/19/2025 7:10 | 2.214 | 2.459 | 2.470 | 3.499 | 1.319 | 3.515 | 51.35 | 54.32 | 55.02 | 54.84 | 52.74 | 54.89 | 23.722 | 0.526 |
| 5/19/2025 7:20 | 2.121 | 2.382 | 2.407 | 3.490 | 1.234 | 3.521 | 51.35 | 54.50 | 55.02 | 54.84 | 52.93 | 54.89 | 23.783 | 0.525 |
| 5/19/2025 7:30 | 2.031 | 2.290 | 2.319 | 3.470 | 1.141 | 3.517 | 51.52 | 54.50 | 55.02 | 54.84 | 53.09 | 54.88 | 23.699 | 0.524 |
| 5/19/2025 7:40 | 1.940 | 2.224 | 2.255 | 3.461 | 1.065 | 3.514 | 51.70 | 54.50 | 55.02 | 54.84 | 53.23 | 54.88 | 23.476 | 0.523 |
| 5/19/2025 7:50 | 1.869 | 2.170 | 2.196 | 3.460 | 0.993 | 3.517 | 51.87 | 54.67 | 55.02 | 54.84 | 53.36 | 54.87 | 23.185 | 0.522 |
| 5/19/2025 8:00 | 1.795 | 2.108 | 2.140 | 3.449 | 0.913 | 3.508 | 52.05 | 54.67 | 54.84 | 54.84 | 53.47 | 54.87 | 22.758 | 0.521 |
| 5/19/2025 8:10 | 1.734 | 2.070 | 2.104 | 3.442 | 0.849 | 3.508 | 52.40 | 54.67 | 54.84 | 54.84 | 53.56 | 54.86 | 22.334 | 0.520 |
| 5/19/2025 8:20 | 1.670 | 2.038 | 2.081 | 3.440 | 0.800 | 3.507 | 52.58 | 54.67 | 54.84 | 54.84 | 53.65 | 54.86 | 21.834 | 0.520 |
| 5/19/2025 8:30 | 1.602 | 2.014 | 2.050 | 3.423 | 0.742 | 3.503 | 52.75 | 54.67 | 55.02 | 54.84 | 53.73 | 54.86 | 21.399 | 0.519 |
| 5/19/2025 8:40 | 1.563 | 2.015 | 2.047 | 3.431 | 0.711 | 3.511 | 52.93 | 54.84 | 55.02 | 54.84 | 53.81 | 54.86 | 20.649 | 0.519 |
| 5/19/2025 8:50 | 1.512 | 1.994 | 2.031 | 3.434 | 0.665 | 3.506 | 53.10 | 54.84 | 55.02 | 54.84 | 53.87 | 54.86 | 20.073 | 0.519 |
| 5/19/2025 9:00 | 1.467 | 1.997 | 2.027 | 3.437 | 0.636 | 3.508 | 53.10 | 54.84 | 55.19 | 54.84 | 53.94 | 54.86 | 19.550 | 0.519 |
| 5/19/2025 9:10 | 1.427 | 1.995 | 2.023 | 3.435 | 0.605 | 3.526 | 53.27 | 54.84 | 55.36 | 54.84 | 54.02 | 54.85 | 18.686 | 0.519 |
| 5/19/2025 9:20 | 1.375 | 1.978 | 2.010 | 3.426 | 0.571 | 3.503 | 53.45 | 54.84 | 55.54 | 54.84 | 54.11 | 54.86 | 17.704 | 0.518 |
| 5/19/2025 9:30 | 1.351 | 1.989 | 2.018 | 3.432 | 0.550 | 3.516 | 53.62 | 54.84 | 55.71 | 54.84 | 54.19 | 54.86 | 17.255 | 0.518 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/19/2025 9:40 | 1.324 | 1.981 | 2.015 | 3.425 | 0.537 | 3.509 | 53.80 | 54.84 | 55.88 | 54.84 | 54.29 | 54.86 | 16.379 | 0.518 |
| 5/19/2025 9:50 | 1.286 | 1.981 | 2.023 | 3.425 | 0.520 | 3.515 | 53.97 | 54.84 | 56.06 | 54.84 | 54.39 | 54.86 | 15.645 | 0.519 |
| 5/19/2025 10:00 | 1.246 | 1.969 | 2.004 | 3.416 | 0.487 | 3.504 | 54.15 | 55.02 | 56.23 | 54.84 | 54.48 | 54.86 | 14.941 | 0.519 |
| 5/19/2025 10:10 | 1.233 | 1.967 | 2.010 | 3.414 | 0.492 | 3.508 | 54.50 | 55.02 | 56.58 | 54.84 | 54.60 | 54.87 | 14.409 | 0.520 |
| 5/19/2025 10:20 | 1.194 | 1.963 | 2.001 | 3.414 | 0.477 | 3.504 | 54.67 | 55.02 | 56.92 | 54.84 | 54.74 | 54.88 | 13.813 | 0.520 |
| 5/19/2025 10:30 | 1.169 | 1.964 | 2.010 | 3.411 | 0.480 | 3.507 | 54.84 | 55.02 | 57.10 | 54.84 | 54.89 | 54.88 | 13.347 | 0.520 |
| 5/19/2025 10:40 | 1.157 | 1.968 | 2.008 | 3.411 | 0.474 | 3.506 | 55.02 | 55.02 | 57.44 | 54.84 | 55.05 | 54.89 | 12.761 | 0.520 |
| 5/19/2025 10:50 | 1.140 | 1.966 | 2.007 | 3.408 | 0.465 | 3.505 | 55.19 | 55.19 | 57.61 | 54.67 | 55.19 | 54.90 | 12.491 | 0.521 |
| 5/19/2025 11:00 | 1.107 | 1.968 | 2.009 | 3.418 | 0.473 | 3.513 | 55.36 | 55.19 | 57.79 | 54.67 | 55.32 | 54.91 | 12.028 | 0.521 |
| 5/19/2025 11:10 | 1.081 | 1.958 | 1.996 | 3.411 | 0.452 | 3.500 | 55.54 | 55.19 | 57.96 | 54.67 | 55.43 | 54.92 | 12.052 | 0.522 |
| 5/19/2025 11:20 | 1.079 | 1.967 | 2.002 | 3.413 | 0.453 | 3.509 | 55.71 | 55.19 | 58.13 | 54.67 | 55.56 | 54.93 | 11.272 | 0.523 |
| 5/19/2025 11:30 | 1.045 | 1.953 | 1.999 | 3.406 | 0.449 | 3.505 | 55.88 | 55.36 | 58.30 | 54.67 | 55.70 | 54.94 | 10.693 | 0.523 |
| 5/19/2025 11:40 | 1.030 | 1.961 | 1.993 | 3.414 | 0.450 | 3.503 | 55.88 | 55.36 | 58.48 | 54.67 | 55.84 | 54.95 | 10.144 | 0.524 |
| 5/19/2025 11:50 | 1.017 | 1.956 | 1.996 | 3.405 | 0.452 | 3.495 | 56.06 | 55.36 | 58.65 | 54.67 | 55.98 | 54.95 | 10.407 | 0.525 |
| 5/19/2025 12:00 | 1.006 | 1.960 | 1.996 | 3.412 | 0.445 | 3.508 | 56.23 | 55.54 | 58.65 | 54.67 | 56.15 | 54.96 | 10.398 | 0.525 |
| 5/19/2025 12:10 | 0.989 | 1.955 | 1.985 | 3.407 | 0.448 | 3.507 | 56.40 | 55.54 | 58.82 | 54.67 | 56.30 | 54.98 | 9.861 | 0.526 |
| 5/19/2025 12:20 | 0.985 | 1.961 | 2.002 | 3.409 | 0.455 | 3.496 | 56.75 | 55.54 | 58.99 | 54.67 | 56.45 | 54.99 | 9.383 | 0.527 |
| 5/19/2025 12:30 | 0.973 | 1.956 | 1.995 | 3.416 | 0.448 | 3.500 | 56.92 | 55.71 | 59.16 | 54.67 | 56.61 | 55.00 | 9.068 | 0.528 |
| 5/19/2025 12:40 | 0.951 | 1.946 | 1.992 | 3.402 | 0.436 | 3.493 | 57.10 | 55.71 | 59.16 | 54.67 | 56.76 | 55.01 | 8.699 | 0.530 |
| 5/19/2025 12:50 | 0.954 | 1.956 | 1.989 | 3.404 | 0.449 | 3.497 | 57.27 | 55.71 | 59.51 | 54.67 | 56.93 | 55.02 | 8.422 | 0.531 |
| 5/19/2025 13:00 | 0.938 | 1.955 | 1.980 | 3.399 | 0.432 | 3.491 | 57.44 | 55.88 | 59.68 | 54.67 | 57.11 | 55.03 | 8.204 | 0.531 |
| 5/19/2025 13:10 | 0.931 | 1.952 | 1.986 | 3.399 | 0.444 | 3.505 | 57.61 | 55.88 | 59.85 | 54.67 | 57.27 | 55.05 | 8.063 | 0.533 |
| 5/19/2025 13:20 | 0.926 | 1.950 | 1.988 | 3.398 | 0.440 | 3.498 | 57.79 | 55.88 | 60.02 | 54.67 | 57.42 | 55.06 | 7.809 | 0.534 |
| 5/19/2025 13:30 | 0.916 | 1.947 | 1.975 | 3.387 | 0.430 | 3.488 | 57.96 | 56.06 | 60.37 | 54.67 | 57.60 | 55.07 | 8.070 | 0.535 |
| 5/19/2025 13:40 | 0.912 | 1.951 | 1.979 | 3.390 | 0.436 | 3.493 | 58.13 | 56.06 | 60.54 | 54.67 | 57.75 | 55.08 | 8.333 | 0.536 |
| 5/19/2025 13:50 | 0.904 | 1.950 | 1.979 | 3.397 | 0.439 | 3.498 | 58.13 | 56.06 | 60.71 | 54.67 | 57.89 | 55.10 | 8.511 | 0.537 |
| 5/19/2025 14:00 | 0.900 | 1.950 | 1.983 | 3.394 | 0.432 | 3.500 | 58.13 | 56.23 | 60.71 | 54.67 | 57.97 | 55.11 | 8.971 | 0.539 |
| 5/19/2025 14:10 | 0.889 | 1.939 | 1.979 | 3.390 | 0.431 | 3.496 | 58.30 | 56.23 | 60.71 | 54.67 | 58.02 | 55.13 | 9.417 | 0.541 |
| 5/19/2025 14:20 | 0.885 | 1.960 | 1.987 | 3.399 | 0.442 | 3.498 | 58.13 | 56.40 | 60.54 | 54.67 | 58.05 | 55.14 | 9.970 | 0.543 |
| 5/19/2025 14:30 | 0.876 | 1.946 | 1.981 | 3.393 | 0.438 | 3.494 | 58.13 | 56.40 | 60.54 | 54.67 | 58.05 | 55.15 | 10.755 | 0.545 |
| 5/19/2025 14:40 | 0.904 | 1.951 | 1.984 | 3.397 | 0.439 | 3.508 | 58.13 | 56.58 | 60.37 | 54.67 | 58.05 | 55.17 | 11.197 | 0.547 |
| 5/19/2025 14:50 | 1.001 | 1.968 | 1.990 | 3.404 | 0.445 | 3.513 | 58.13 | 56.58 | 60.20 | 54.84 | 58.08 | 55.19 | 11.056 | 0.549 |
| 5/19/2025 15:00 | 1.056 | 1.956 | 1.988 | 3.404 | 0.438 | 3.504 | 58.13 | 56.58 | 60.02 | 54.84 | 58.12 | 55.20 | 10.843 | 0.551 |
| 5/19/2025 15:10 | 1.166 | 1.952 | 1.975 | 3.399 | 0.453 | 3.507 | 58.13 | 56.75 | 59.85 | 54.84 | 58.13 | 55.22 | 11.161 | 0.553 |
| 5/19/2025 15:20 | 1.308 | 1.944 | 1.992 | 3.399 | 0.473 | 3.510 | 58.30 | 56.75 | 59.68 | 54.84 | 58.12 | 55.24 | 11.555 | 0.555 |
| 5/19/2025 15:30 | 1.447 | 1.945 | 1.984 | 3.396 | 0.544 | 3.500 | 58.30 | 56.75 | 59.34 | 54.84 | 58.13 | 55.25 | 11.604 | 0.556 |
| 5/19/2025 15:40 | 1.603 | 1.947 | 1.980 | 3.394 | 0.667 | 3.504 | 57.44 | 56.92 | 59.16 | 54.84 | 58.11 | 55.26 | 11.493 | 0.558 |
| 5/19/2025 15:50 | 1.795 | 1.971 | 1.992 | 3.399 | 0.835 | 3.508 | 55.71 | 56.92 | 58.99 | 54.84 | 58.05 | 55.27 | 11.549 | 0.559 |
| 5/19/2025 16:00 | 2.000 | 2.090 | 2.086 | 3.399 | 1.016 | 3.527 | 54.50 | 56.92 | 58.82 | 54.84 | 57.12 | 55.28 | 20.090 | 0.560 |
| 5/19/2025 16:10 | 2.183 | 2.285 | 2.261 | 3.400 | 1.204 | 3.546 | 53.80 | 56.92 | 58.65 | 54.84 | 54.67 | 55.30 | 24.483 | 0.560 |
| 5/19/2025 16:20 | 2.374 | 2.477 | 2.464 | 3.404 | 1.408 | 3.554 | 53.10 | 56.92 | 58.48 | 54.84 | 53.52 | 55.31 | 26.072 | 0.559 |
| 5/19/2025 16:30 | 2.574 | 2.662 | 2.647 | 3.397 | 1.586 | 3.545 | 52.58 | 57.10 | 58.48 | 54.84 | 52.90 | 55.31 | 26.904 | 0.558 |
| 5/19/2025 16:40 | 2.751 | 2.839 | 2.819 | 3.405 | 1.765 | 3.545 | 52.05 | 57.10 | 58.30 | 54.84 | 52.47 | 55.31 | 27.388 | 0.557 |
| 5/19/2025 16:50 | 2.881 | 2.978 | 2.961 | 3.403 | 1.889 | 3.540 | 51.70 | 57.10 | 58.30 | 54.84 | 52.29 | 55.31 | 27.676 | 0.555 |
| 5/19/2025 17:00 | 2.959 | 3.093 | 3.071 | 3.410 | 1.996 | 3.540 | 51.52 | 57.10 | 58.30 | 54.84 | 52.45 | 55.31 | 27.896 | 0.554 |
| 5/19/2025 17:10 | 3.022 | 3.170 | 3.165 | 3.407 | 2.092 | 3.527 | 51.35 | 56.92 | 58.13 | 54.84 | 52.57 | 55.31 | 28.269 | 0.552 |
| 5/19/2025 17:20 | 3.064 | 3.191 | 3.178 | 3.430 | 2.090 | 3.555 | 51.35 | 56.92 | 57.96 | 55.02 | 52.38 | 55.32 | 28.287 | 0.549 |
| 5/19/2025 17:30 | 3.020 | 3.168 | 3.152 | 3.437 | 2.056 | 3.561 | 51.35 | 56.75 | 57.79 | 55.02 | 52.27 | 55.33 | 28.277 | 0.544 |
| 5/19/2025 17:40 | 2.974 | 3.119 | 3.097 | 3.431 | 2.023 | 3.551 | 51.35 | 56.75 | 57.61 | 55.02 | 52.32 | 55.34 | 28.245 | 0.537 |
| 5/19/2025 17:50 | 2.915 | 3.046 | 3.041 | 3.434 | 1.964 | 3.549 | 51.35 | 56.75 | 57.44 | 55.02 | 52.40 | 55.34 | 28.160 | 0.523 |
| 5/19/2025 18:00 | 2.796 | 2.964 | 2.959 | 3.434 | 1.868 | 3.536 | 51.35 | 56.58 | 57.27 | 55.02 | 52.47 | 55.36 | 28.167 | 0.510 |
| 5/19/2025 18:10 | 2.675 | 2.866 | 2.861 | 3.431 | 1.764 | 3.532 | 51.35 | 56.58 | 57.10 | 55.02 | 52.55 | 55.36 | 28.183 | 0.499 |
| 5/19/2025 18:20 | 2.575 | 2.762 | 2.754 | 3.431 | 1.660 | 3.538 | 51.17 | 56.58 | 56.92 | 55.02 | 52.63 | 55.37 | 28.179 | 0.490 |
| 5/19/2025 18:30 | 2.468 | 2.659 | 2.662 | 3.419 | 1.550 | 3.536 | 51.00 | 56.58 | 56.75 | 55.02 | 52.70 | 55.38 | 28.166 | 0.482 |
| 5/19/2025 18:40 | 2.358 | 2.559 | 2.556 | 3.427 | 1.445 | 3.543 | 51.00 | 56.58 | 56.75 | 55.02 | 52.77 | 55.39 | 28.150 | 0.474 |
| 5/19/2025 18:50 | 2.248 | 2.461 | 2.469 | 3.424 | 1.333 | 3.549 | 50.82 | 56.58 | 56.58 | 55.02 | 52.84 | 55.40 | 28.122 | 0.467 |
| 5/19/2025 19:00 | 2.147 | 2.370 | 2.381 | 3.421 | 1.243 | 3.541 | 51.00 | 56.58 | 56.40 | 55.02 | 52.91 | 55.41 | 28.119 | 0.462 |
| 5/19/2025 19:10 | 2.045 | 2.290 | 2.294 | 3.422 | 1.153 | 3.538 | 51.00 | 56.58 | 56.23 | 55.02 | 52.99 | 55.42 | 28.086 | 0.457 |
| 5/19/2025 19:20 | 1.960 | 2.210 | 2.221 | 3.419 | 1.064 | 3.528 | 51.17 | 56.58 | 56.23 | 55.02 | 53.07 | 55.43 | 28.078 | 0.454 |
| 5/19/2025 19:30 | 1.886 | 2.157 | 2.170 | 3.427 | 0.998 | 3.525 | 51.35 | 56.58 | 56.06 | 55.02 | 53.14 | 55.43 | 28.066 | 0.452 |
| 5/19/2025 19:40 | 1.806 | 2.097 | 2.108 | 3.421 | 0.925 | 3.512 | 51.52 | 56.58 | 55.88 | 55.02 | 53.22 | 55.44 | 28.044 | 0.451 |
| 5/19/2025 19:50 | 1.747 | 2.066 | 2.089 | 3.428 | 0.875 | 3.520 | 52.05 | 56.40 | 55.71 | 55.02 | 53.30 | 55.44 | 28.043 | 0.450 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/19/2025 20:00 | 1.670 | 2.023 | 2.048 | 3.416 | 0.799 | 3.515 | 52.40 | 56.40 | 55.54 | 55.02 | 53.42 | 55.45 | 28.004 | 0.450 |
| 5/19/2025 20:10 | 1.621 | 2.009 | 2.031 | 3.421 | 0.752 | 3.513 | 52.75 | 56.40 | 55.54 | 55.02 | 53.56 | 55.45 | 28.042 | 0.450 |
| 5/19/2025 20:20 | 1.570 | 2.009 | 2.026 | 3.424 | 0.716 | 3.519 | 52.93 | 56.40 | 55.36 | 55.02 | 53.72 | 55.46 | 28.027 | 0.450 |
| 5/19/2025 20:30 | 1.516 | 1.994 | 2.015 | 3.417 | 0.669 | 3.515 | 53.10 | 56.40 | 55.19 | 55.02 | 53.93 | 55.46 | 27.998 | 0.450 |
| 5/19/2025 20:40 | 1.462 | 1.971 | 2.014 | 3.410 | 0.636 | 3.513 | 53.10 | 56.40 | 55.02 | 55.02 | 54.06 | 55.46 | 27.849 | 0.450 |
| 5/19/2025 20:50 | 1.419 | 1.983 | 2.014 | 3.418 | 0.607 | 3.507 | 53.27 | 56.40 | 55.02 | 55.02 | 54.14 | 55.47 | 27.667 | 0.451 |
| 5/19/2025 21:00 | 1.376 | 1.982 | 2.006 | 3.414 | 0.578 | 3.503 | 53.27 | 56.23 | 54.84 | 55.02 | 54.18 | 55.47 | 27.282 | 0.451 |
| 5/19/2025 21:10 | 1.349 | 1.979 | 2.009 | 3.407 | 0.549 | 3.506 | 53.45 | 56.23 | 54.67 | 55.02 | 54.19 | 55.47 | 26.727 | 0.452 |
| 5/19/2025 21:20 | 1.317 | 1.979 | 2.009 | 3.414 | 0.539 | 3.510 | 53.45 | 56.23 | 54.67 | 55.02 | 54.18 | 55.47 | 25.723 | 0.453 |
| 5/19/2025 21:30 | 1.283 | 1.983 | 2.012 | 3.419 | 0.513 | 3.510 | 53.62 | 56.23 | 54.50 | 55.02 | 54.15 | 55.47 | 24.766 | 0.454 |
| 5/19/2025 21:40 | 1.259 | 1.986 | 2.020 | 3.422 | 0.514 | 3.517 | 53.62 | 56.23 | 54.50 | 55.02 | 54.11 | 55.47 | 23.934 | 0.456 |
| 5/19/2025 21:50 | 1.228 | 1.982 | 2.015 | 3.422 | 0.493 | 3.510 | 53.62 | 56.06 | 54.32 | 55.02 | 54.06 | 55.47 | 22.602 | 0.458 |
| 5/19/2025 22:00 | 1.196 | 1.975 | 2.004 | 3.407 | 0.476 | 3.512 | 53.62 | 56.06 | 54.32 | 55.02 | 54.02 | 55.46 | 21.386 | 0.460 |
| 5/19/2025 22:10 | 1.169 | 1.975 | 2.011 | 3.411 | 0.476 | 3.512 | 53.62 | 56.06 | 54.15 | 55.02 | 53.97 | 55.46 | 19.675 | 0.462 |
| 5/19/2025 22:20 | 1.146 | 1.979 | 2.018 | 3.411 | 0.476 | 3.506 | 53.80 | 56.06 | 54.15 | 55.02 | 53.92 | 55.46 | 17.714 | 0.464 |
| 5/19/2025 22:30 | 1.123 | 1.971 | 2.007 | 3.411 | 0.466 | 3.502 | 53.80 | 55.88 | 54.15 | 55.02 | 53.86 | 55.45 | 15.213 | 0.466 |
| 5/19/2025 22:40 | 1.110 | 1.978 | 2.014 | 3.418 | 0.473 | 3.515 | 53.80 | 55.88 | 53.97 | 54.84 | 53.80 | 55.44 | 15.052 | 0.469 |
| 5/19/2025 22:50 | 1.082 | 1.978 | 2.010 | 3.414 | 0.469 | 3.508 | 53.62 | 55.88 | 53.97 | 54.84 | 53.74 | 55.44 | 15.175 | 0.471 |
| 5/19/2025 23:00 | 1.070 | 1.982 | 2.002 | 3.410 | 0.461 | 3.506 | 53.62 | 55.88 | 53.80 | 54.84 | 53.68 | 55.43 | 16.111 | 0.474 |
| 5/19/2025 23:10 | 1.051 | 1.974 | 2.006 | 3.414 | 0.461 | 3.509 | 53.62 | 55.71 | 53.80 | 54.84 | 53.63 | 55.43 | 15.815 | 0.476 |
| 5/19/2025 23:20 | 1.039 | 1.967 | 2.002 | 3.410 | 0.461 | 3.512 | 53.62 | 55.71 | 53.80 | 54.84 | 53.59 | 55.42 | 15.763 | 0.479 |
| 5/19/2025 23:30 | 1.027 | 1.974 | 2.005 | 3.406 | 0.456 | 3.517 | 53.62 | 55.71 | 53.62 | 54.84 | 53.54 | 55.41 | 15.906 | 0.481 |
| 5/19/2025 23:40 | 1.007 | 1.963 | 1.998 | 3.406 | 0.454 | 3.512 | 53.45 | 55.71 | 53.62 | 54.84 | 53.48 | 55.40 | 16.226 | 0.483 |
| 5/19/2025 23:50 | 1.003 | 1.970 | 2.004 | 3.406 | 0.454 | 3.509 | 53.45 | 55.54 | 53.62 | 54.84 | 53.44 | 55.40 | 15.956 | 0.486 |
| 5/20/2025 0:00 | 0.987 | 1.966 | 2.004 | 3.410 | 0.459 | 3.508 | 53.45 | 55.54 | 53.62 | 54.84 | 53.40 | 55.39 | 15.428 | 0.488 |
| 5/20/2025 0:10 | 0.972 | 1.966 | 1.997 | 3.414 | 0.459 | 3.506 | 53.45 | 55.54 | 53.45 | 54.84 | 53.36 | 55.38 | 14.302 | 0.489 |
| 5/20/2025 0:20 | 0.971 | 1.974 | 2.004 | 3.418 | 0.456 | 3.514 | 53.27 | 55.54 | 53.45 | 54.84 | 53.33 | 55.38 | 13.013 | 0.491 |
| 5/20/2025 0:30 | 0.955 | 1.959 | 1.996 | 3.410 | 0.449 | 3.501 | 53.27 | 55.54 | 53.45 | 54.84 | 53.29 | 55.37 | 12.449 | 0.493 |
| 5/20/2025 0:40 | 0.940 | 1.958 | 1.988 | 3.406 | 0.445 | 3.506 | 53.27 | 55.36 | 53.27 | 54.84 | 53.25 | 55.36 | 11.950 | 0.495 |
| 5/20/2025 0:50 | 0.928 | 1.954 | 1.992 | 3.406 | 0.439 | 3.503 | 53.27 | 55.36 | 53.27 | 54.84 | 53.21 | 55.35 | 10.952 | 0.496 |
| 5/20/2025 1:00 | 0.931 | 1.962 | 1.999 | 3.410 | 0.445 | 3.506 | 53.27 | 55.36 | 53.27 | 54.84 | 53.16 | 55.34 | 10.075 | 0.498 |
| 5/20/2025 1:10 | 0.915 | 1.954 | 1.983 | 3.401 | 0.438 | 3.502 | 53.10 | 55.36 | 53.10 | 54.67 | 53.11 | 55.33 | 9.770 | 0.500 |
| 5/20/2025 1:20 | 0.906 | 1.961 | 1.990 | 3.404 | 0.447 | 3.500 | 53.10 | 55.19 | 53.10 | 54.67 | 53.07 | 55.33 | 8.617 | 0.501 |
| 5/20/2025 1:30 | 0.906 | 1.960 | 1.990 | 3.408 | 0.446 | 3.499 | 53.10 | 55.19 | 53.10 | 54.67 | 53.02 | 55.32 | 7.461 | 0.503 |
| 5/20/2025 1:40 | 0.906 | 1.953 | 1.982 | 3.409 | 0.442 | 3.504 | 52.93 | 55.19 | 52.93 | 54.67 | 52.98 | 55.31 | 7.212 | 0.504 |
| 5/20/2025 1:50 | 0.898 | 1.961 | 1.993 | 3.408 | 0.448 | 3.513 | 52.93 | 55.19 | 52.93 | 54.67 | 52.94 | 55.30 | 5.837 | 0.506 |
| 5/20/2025 2:00 | 0.894 | 1.956 | 1.989 | 3.404 | 0.441 | 3.509 | 52.93 | 55.02 | 52.93 | 54.67 | 52.90 | 55.29 | 5.202 | 0.507 |
| 5/20/2025 2:10 | 0.875 | 1.938 | 1.978 | 3.397 | 0.433 | 3.498 | 52.93 | 55.02 | 52.93 | 54.67 | 52.85 | 55.28 | 5.860 | 0.509 |
| 5/20/2025 2:20 | 0.863 | 1.938 | 1.974 | 3.386 | 0.426 | 3.489 | 52.75 | 55.02 | 52.75 | 54.67 | 52.81 | 55.27 | 7.291 | 0.511 |
| 5/20/2025 2:30 | 0.914 | 1.941 | 1.981 | 3.397 | 0.436 | 3.496 | 52.75 | 55.02 | 52.75 | 54.67 | 52.77 | 55.26 | 9.554 | 0.512 |
| 5/20/2025 2:40 | 1.017 | 1.941 | 1.981 | 3.393 | 0.436 | 3.490 | 52.75 | 54.84 | 52.75 | 54.67 | 52.73 | 55.25 | 10.799 | 0.513 |
| 5/20/2025 2:50 | 1.100 | 1.942 | 1.970 | 3.390 | 0.437 | 3.491 | 52.75 | 54.84 | 52.75 | 54.67 | 52.69 | 55.24 | 11.007 | 0.517 |
| 5/20/2025 3:00 | 1.234 | 1.934 | 1.973 | 3.391 | 0.453 | 3.490 | 52.75 | 54.84 | 52.58 | 54.67 | 52.65 | 55.24 | 11.139 | 0.515 |
| 5/20/2025 3:10 | 1.381 | 1.931 | 1.962 | 3.386 | 0.495 | 3.495 | 52.75 | 54.84 | 52.58 | 54.50 | 52.62 | 55.23 | 11.065 | 0.515 |
| 5/20/2025 3:20 | 1.569 | 1.938 | 1.977 | 3.394 | 0.630 | 3.487 | 52.58 | 54.84 | 52.58 | 54.50 | 52.57 | 55.21 | 11.537 | 0.515 |
| 5/20/2025 3:30 | 1.788 | 1.957 | 1.973 | 3.394 | 0.827 | 3.489 | 52.05 | 54.67 | 52.40 | 54.50 | 52.55 | 55.20 | 11.389 | 0.515 |
| 5/20/2025 3:40 | 2.035 | 2.099 | 2.086 | 3.390 | 1.027 | 3.493 | 51.52 | 54.67 | 52.40 | 54.50 | 52.07 | 55.19 | 19.538 | 0.516 |
| 5/20/2025 3:50 | 2.287 | 2.329 | 2.319 | 3.391 | 1.262 | 3.492 | 51.35 | 54.67 | 52.40 | 54.50 | 51.25 | 55.18 | 23.817 | 0.516 |
| 5/20/2025 4:00 | 2.551 | 2.593 | 2.578 | 3.398 | 1.535 | 3.491 | 51.17 | 54.67 | 52.40 | 54.50 | 50.94 | 55.17 | 25.230 | 0.516 |
| 5/20/2025 4:10 | 2.846 | 2.857 | 2.844 | 3.398 | 1.813 | 3.499 | 51.00 | 54.50 | 52.23 | 54.50 | 51.04 | 55.16 | 26.293 | 0.516 |
| 5/20/2025 4:20 | 3.101 | 3.114 | 3.088 | 3.398 | 2.072 | 3.492 | 50.64 | 54.50 | 52.23 | 54.50 | 50.67 | 55.15 | 27.439 | 0.516 |
| 5/20/2025 4:30 | 3.330 | 3.359 | 3.322 | 3.406 | 2.300 | 3.503 | 50.64 | 54.50 | 52.23 | 54.50 | 50.50 | 55.14 | 28.383 | 0.516 |
| 5/20/2025 4:40 | 3.523 | 3.557 | 3.523 | 3.476 | 2.496 | 3.495 | 50.47 | 53.45 | 52.23 | 54.50 | 50.37 | 55.13 | 29.111 | 0.515 |
| 5/20/2025 4:50 | 3.690 | 3.705 | 3.665 | 3.607 | 2.649 | 3.493 | 50.47 | 52.75 | 52.23 | 54.32 | 50.30 | 55.12 | 29.439 | 0.515 |
| 5/20/2025 5:00 | 3.765 | 3.820 | 3.786 | 3.724 | 2.744 | 3.496 | 50.47 | 52.40 | 52.23 | 54.32 | 50.24 | 55.11 | 29.533 | 0.515 |
| 5/20/2025 5:10 | 3.829 | 3.897 | 3.865 | 3.791 | 2.832 | 3.490 | 50.29 | 52.05 | 51.87 | 54.32 | 50.22 | 55.09 | 29.605 | 0.515 |
| 5/20/2025 5:20 | 3.868 | 3.958 | 3.937 | 3.849 | 2.878 | 3.499 | 50.29 | 51.70 | 51.70 | 54.32 | 50.19 | 55.08 | 29.625 | 0.515 |
| 5/20/2025 5:30 | 3.813 | 3.949 | 3.943 | 3.896 | 2.861 | 3.496 | 50.29 | 51.35 | 51.52 | 54.32 | 50.28 | 55.07 | 29.641 | 0.514 |
| 5/20/2025 5:40 | 3.781 | 3.914 | 3.902 | 3.904 | 2.830 | 3.499 | 50.29 | 51.35 | 51.35 | 54.32 | 50.33 | 55.06 | 29.646 | 0.514 |
| 5/20/2025 5:50 | 3.652 | 3.851 | 3.826 | 3.877 | 2.734 | 3.487 | 50.29 | 51.52 | 51.35 | 54.32 | 50.24 | 55.05 | 29.631 | 0.514 |
| 5/20/2025 6:00 | 3.569 | 3.759 | 3.741 | 3.835 | 2.646 | 3.491 | 50.29 | 51.87 | 51.35 | 54.32 | 50.20 | 55.04 | 29.454 | 0.514 |
| 5/20/2025 6:10 | 3.466 | 3.667 | 3.646 | 3.799 | 2.556 | 3.504 | 50.29 | 52.05 | 51.35 | 54.32 | 50.27 | 55.03 | 29.242 | 0.513 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/20/2025 6:20 | 3.325 | 3.544 | 3.532 | 3.745 | 2.425 | 3.496 | 50.47 | 52.23 | 51.35 | 54.32 | 50.35 | 55.02 | 28.946 | 0.512 |
| 5/20/2025 6:30 | 3.210 | 3.402 | 3.398 | 3.671 | 2.298 | 3.495 | 50.47 | 52.23 | 51.52 | 54.32 | 50.43 | 55.01 | 28.678 | 0.512 |
| 5/20/2025 6:40 | 3.059 | 3.275 | 3.267 | 3.608 | 2.165 | 3.482 | 50.47 | 52.40 | 51.70 | 54.32 | 50.50 | 55.00 | 28.604 | 0.512 |
| 5/20/2025 6:50 | 2.906 | 3.111 | 3.102 | 3.530 | 2.005 | 3.477 | 50.47 | 52.40 | 51.70 | 54.15 | 50.55 | 54.99 | 28.598 | 0.512 |
| 5/20/2025 7:00 | 2.774 | 2.972 | 2.967 | 3.502 | 1.859 | 3.498 | 50.47 | 52.40 | 51.87 | 54.15 | 50.61 | 54.98 | 28.598 | 0.511 |
| 5/20/2025 7:10 | 2.616 | 2.822 | 2.813 | 3.455 | 1.708 | 3.478 | 50.47 | 52.58 | 51.87 | 54.15 | 50.66 | 54.96 | 28.577 | 0.511 |
| 5/20/2025 7:20 | 2.488 | 2.691 | 2.688 | 3.434 | 1.582 | 3.484 | 50.29 | 52.58 | 51.87 | 54.15 | 50.71 | 54.95 | 28.566 | 0.510 |
| 5/20/2025 7:30 | 2.365 | 2.571 | 2.571 | 3.422 | 1.454 | 3.489 | 50.29 | 52.58 | 52.05 | 54.15 | 50.76 | 54.94 | 28.562 | 0.511 |
| 5/20/2025 7:40 | 2.255 | 2.471 | 2.472 | 3.413 | 1.353 | 3.491 | 50.47 | 52.75 | 52.05 | 54.15 | 50.81 | 54.94 | 28.551 | 0.511 |
| 5/20/2025 7:50 | 2.153 | 2.360 | 2.370 | 3.405 | 1.238 | 3.482 | 50.64 | 52.75 | 52.23 | 54.15 | 50.86 | 54.93 | 28.567 | 0.511 |
| 5/20/2025 8:00 | 2.069 | 2.286 | 2.296 | 3.412 | 1.158 | 3.491 | 50.64 | 52.75 | 52.23 | 54.15 | 50.92 | 54.92 | 28.539 | 0.511 |
| 5/20/2025 8:10 | 1.971 | 2.205 | 2.218 | 3.408 | 1.072 | 3.479 | 50.82 | 52.75 | 52.40 | 54.15 | 50.99 | 54.90 | 28.534 | 0.511 |
| 5/20/2025 8:20 | 1.895 | 2.139 | 2.153 | 3.403 | 0.990 | 3.488 | 50.82 | 52.75 | 52.40 | 54.15 | 51.08 | 54.90 | 28.541 | 0.511 |
| 5/20/2025 8:30 | 1.812 | 2.089 | 2.102 | 3.409 | 0.919 | 3.495 | 51.00 | 52.75 | 52.58 | 53.97 | 51.16 | 54.89 | 28.539 | 0.511 |
| 5/20/2025 8:40 | 1.749 | 2.039 | 2.054 | 3.397 | 0.847 | 3.482 | 51.00 | 52.93 | 52.58 | 53.97 | 51.27 | 54.88 | 28.544 | 0.511 |
| 5/20/2025 8:50 | 1.682 | 2.008 | 2.025 | 3.397 | 0.791 | 3.489 | 51.17 | 52.93 | 52.75 | 53.97 | 51.39 | 54.88 | 28.537 | 0.511 |
| 5/20/2025 9:00 | 1.620 | 1.973 | 2.003 | 3.401 | 0.738 | 3.488 | 51.35 | 52.93 | 52.75 | 53.97 | 51.51 | 54.87 | 28.565 | 0.511 |
| 5/20/2025 9:10 | 1.569 | 1.962 | 1.996 | 3.397 | 0.700 | 3.484 | 51.35 | 52.93 | 52.93 | 53.97 | 51.64 | 54.87 | 28.534 | 0.511 |
| 5/20/2025 9:20 | 1.526 | 1.959 | 1.993 | 3.397 | 0.689 | 3.496 | 51.52 | 52.93 | 53.10 | 53.97 | 51.75 | 54.86 | 28.510 | 0.511 |
| 5/20/2025 9:30 | 1.476 | 1.952 | 1.975 | 3.398 | 0.651 | 3.483 | 51.52 | 52.93 | 53.10 | 53.97 | 51.84 | 54.86 | 28.456 | 0.511 |
| 5/20/2025 9:40 | 1.429 | 1.951 | 1.976 | 3.398 | 0.611 | 3.491 | 51.70 | 52.93 | 53.27 | 53.97 | 51.94 | 54.85 | 28.340 | 0.510 |
| 5/20/2025 9:50 | 1.382 | 1.939 | 1.978 | 3.397 | 0.578 | 3.481 | 51.87 | 53.10 | 53.27 | 53.97 | 52.03 | 54.84 | 28.102 | 0.510 |
| 5/20/2025 10:00 | 1.353 | 1.943 | 1.979 | 3.404 | 0.554 | 3.485 | 51.87 | 53.10 | 53.45 | 53.97 | 52.11 | 54.83 | 27.693 | 0.509 |
| 5/20/2025 10:10 | 1.315 | 1.939 | 1.968 | 3.397 | 0.514 | 3.477 | 52.05 | 53.10 | 53.45 | 53.97 | 52.20 | 54.83 | 27.240 | 0.509 |
| 5/20/2025 10:20 | 1.269 | 1.921 | 1.961 | 3.383 | 0.486 | 3.480 | 52.05 | 53.10 | 53.45 | 53.97 | 52.29 | 54.83 | 26.817 | 0.508 |
| 5/20/2025 10:30 | 1.246 | 1.929 | 1.958 | 3.390 | 0.477 | 3.473 | 52.23 | 53.10 | 53.62 | 53.80 | 52.39 | 54.83 | 25.820 | 0.507 |
| 5/20/2025 10:40 | 1.215 | 1.933 | 1.969 | 3.390 | 0.469 | 3.485 | 52.40 | 53.10 | 53.62 | 53.80 | 52.47 | 54.82 | 25.060 | 0.507 |
| 5/20/2025 10:50 | 1.191 | 1.928 | 1.969 | 3.390 | 0.450 | 3.481 | 52.40 | 53.10 | 53.62 | 53.80 | 52.55 | 54.82 | 24.124 | 0.506 |
| 5/20/2025 11:00 | 1.160 | 1.928 | 1.964 | 3.385 | 0.446 | 3.476 | 52.58 | 53.10 | 53.62 | 53.80 | 52.61 | 54.82 | 23.340 | 0.505 |
| 5/20/2025 11:10 | 1.144 | 1.924 | 1.961 | 3.392 | 0.446 | 3.476 | 52.58 | 53.27 | 53.80 | 53.80 | 52.67 | 54.82 | 22.196 | 0.504 |
| 5/20/2025 11:20 | 1.124 | 1.934 | 1.963 | 3.383 | 0.441 | 3.474 | 52.75 | 53.27 | 53.80 | 53.80 | 52.74 | 54.82 | 21.249 | 0.503 |
| 5/20/2025 11:30 | 1.094 | 1.920 | 1.953 | 3.381 | 0.428 | 3.472 | 52.75 | 53.27 | 53.80 | 53.80 | 52.81 | 54.82 | 20.367 | 0.503 |
| 5/20/2025 11:40 | 1.069 | 1.923 | 1.956 | 3.388 | 0.429 | 3.473 | 52.75 | 53.27 | 53.80 | 53.80 | 52.87 | 54.81 | 19.668 | 0.502 |
| 5/20/2025 11:50 | 1.054 | 1.927 | 1.967 | 3.399 | 0.435 | 3.479 | 52.93 | 53.27 | 53.97 | 53.80 | 52.93 | 54.81 | 19.156 | 0.501 |
| 5/20/2025 12:00 | 1.021 | 1.921 | 1.958 | 3.390 | 0.429 | 3.475 | 53.10 | 53.27 | 53.97 | 53.80 | 53.00 | 54.81 | 18.260 | 0.500 |
| 5/20/2025 12:10 | 1.013 | 1.925 | 1.957 | 3.390 | 0.422 | 3.477 | 53.10 | 53.27 | 53.97 | 53.80 | 53.07 | 54.81 | 17.351 | 0.500 |
| 5/20/2025 12:20 | 1.013 | 1.929 | 1.965 | 3.389 | 0.429 | 3.478 | 53.10 | 53.45 | 54.15 | 53.80 | 53.12 | 54.81 | 16.362 | 0.499 |
| 5/20/2025 12:30 | 0.999 | 1.922 | 1.955 | 3.386 | 0.431 | 3.480 | 53.27 | 53.45 | 54.15 | 53.80 | 53.17 | 54.81 | 15.431 | 0.498 |
| 5/20/2025 12:40 | 0.975 | 1.925 | 1.958 | 3.390 | 0.422 | 3.477 | 53.27 | 53.45 | 54.15 | 53.80 | 53.21 | 54.81 | 14.691 | 0.498 |
| 5/20/2025 12:50 | 0.960 | 1.922 | 1.958 | 3.386 | 0.428 | 3.473 | 53.27 | 53.45 | 54.15 | 53.80 | 53.25 | 54.81 | 14.174 | 0.497 |
| 5/20/2025 13:00 | 0.949 | 1.918 | 1.951 | 3.387 | 0.417 | 3.472 | 53.45 | 53.45 | 54.15 | 53.80 | 53.29 | 54.81 | 12.933 | 0.497 |
| 5/20/2025 13:10 | 0.941 | 1.918 | 1.955 | 3.383 | 0.423 | 3.477 | 53.45 | 53.45 | 54.32 | 53.80 | 53.33 | 54.81 | 12.240 | 0.496 |
| 5/20/2025 13:20 | 0.935 | 1.920 | 1.957 | 3.389 | 0.429 | 3.480 | 53.45 | 53.45 | 54.32 | 53.80 | 53.36 | 54.82 | 11.618 | 0.496 |
| 5/20/2025 13:30 | 0.920 | 1.917 | 1.957 | 3.390 | 0.422 | 3.482 | 53.45 | 53.62 | 54.32 | 53.80 | 53.38 | 54.82 | 11.453 | 0.495 |
| 5/20/2025 13:40 | 0.916 | 1.917 | 1.946 | 3.390 | 0.416 | 3.479 | 53.45 | 53.62 | 54.32 | 53.80 | 53.41 | 54.82 | 11.089 | 0.494 |
| 5/20/2025 13:50 | 0.904 | 1.913 | 1.942 | 3.381 | 0.416 | 3.473 | 53.45 | 53.62 | 54.32 | 53.80 | 53.44 | 54.82 | 10.587 | 0.494 |
| 5/20/2025 14:00 | 0.897 | 1.910 | 1.942 | 3.370 | 0.414 | 3.471 | 53.45 | 53.62 | 54.32 | 53.80 | 53.47 | 54.82 | 9.502 | 0.493 |
| 5/20/2025 14:10 | 0.886 | 1.906 | 1.941 | 3.375 | 0.406 | 3.465 | 53.62 | 53.62 | 54.15 | 53.80 | 53.49 | 54.82 | 9.382 | 0.493 |
| 5/20/2025 14:20 | 0.892 | 1.916 | 1.958 | 3.393 | 0.421 | 3.478 | 53.62 | 53.62 | 54.15 | 53.80 | 53.52 | 54.83 | 8.820 | 0.492 |
| 5/20/2025 14:30 | 0.874 | 1.906 | 1.941 | 3.378 | 0.415 | 3.467 | 53.62 | 53.62 | 54.32 | 53.80 | 53.56 | 54.83 | 7.957 | 0.491 |
| 5/20/2025 14:40 | 0.869 | 1.912 | 1.947 | 3.381 | 0.418 | 3.475 | 53.62 | 53.62 | 54.32 | 53.80 | 53.59 | 54.83 | 7.661 | 0.491 |
| 5/20/2025 14:50 | 0.863 | 1.910 | 1.945 | 3.383 | 0.409 | 3.475 | 53.62 | 53.80 | 54.32 | 53.80 | 53.62 | 54.84 | 7.351 | 0.490 |
| 5/20/2025 15:00 | 0.864 | 1.911 | 1.934 | 3.379 | 0.414 | 3.465 | 53.62 | 53.80 | 54.32 | 53.80 | 53.62 | 54.84 | 7.147 | 0.490 |
| 5/20/2025 15:10 | 0.855 | 1.907 | 1.930 | 3.375 | 0.412 | 3.466 | 53.62 | 53.80 | 54.15 | 53.80 | 53.61 | 54.85 | 6.547 | 0.490 |
| 5/20/2025 15:20 | 0.864 | 1.911 | 1.937 | 3.375 | 0.414 | 3.471 | 53.62 | 53.80 | 54.15 | 53.80 | 53.60 | 54.85 | 6.388 | 0.490 |
| 5/20/2025 15:30 | 0.951 | 1.904 | 1.938 | 3.387 | 0.412 | 3.466 | 53.62 | 53.80 | 54.15 | 53.62 | 53.59 | 54.85 | 6.204 | 0.490 |
| 5/20/2025 15:40 | 1.026 | 1.908 | 1.942 | 3.384 | 0.421 | 3.472 | 53.62 | 53.80 | 54.15 | 53.80 | 53.58 | 54.85 | 5.648 | 0.490 |
| 5/20/2025 15:50 | 1.124 | 1.899 | 1.937 | 3.375 | 0.421 | 3.461 | 53.62 | 53.80 | 54.15 | 53.80 | 53.57 | 54.86 | 5.538 | 0.490 |
| 5/20/2025 16:00 | 1.261 | 1.906 | 1.936 | 3.379 | 0.439 | 3.459 | 53.62 | 53.80 | 54.15 | 53.80 | 53.57 | 54.86 | 5.459 | 0.490 |
| 5/20/2025 16:10 | 1.416 | 1.902 | 1.928 | 3.375 | 0.501 | 3.461 | 53.80 | 53.80 | 54.15 | 53.80 | 53.56 | 54.86 | 6.137 | 0.490 |
| 5/20/2025 16:20 | 1.608 | 1.895 | 1.928 | 3.379 | 0.630 | 3.467 | 53.45 | 53.80 | 53.97 | 53.80 | 53.57 | 54.86 | 8.947 | 0.490 |
| 5/20/2025 16:30 | 1.819 | 1.934 | 1.951 | 3.383 | 0.808 | 3.472 | 52.75 | 53.80 | 53.97 | 53.62 | 53.57 | 54.86 | 9.177 | 0.490 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/20/2025 16:40 | 2.036 | 2.027 | 2.029 | 3.388 | 0.956 | 3.461 | 52.23 | 53.80 | 53.97 | 53.62 | 53.19 | 54.87 | 19.981 | 0.490 |
| 5/20/2025 16:50 | 2.228 | 2.165 | 2.152 | 3.381 | 1.094 | 3.460 | 52.05 | 53.80 | 53.97 | 53.80 | 52.57 | 54.87 | 24.091 | 0.490 |
| 5/20/2025 17:00 | 2.491 | 2.310 | 2.298 | 3.384 | 1.247 | 3.466 | 51.87 | 53.80 | 53.97 | 53.80 | 52.23 | 54.87 | 25.256 | 0.491 |
| 5/20/2025 17:10 | 2.708 | 2.440 | 2.431 | 3.372 | 1.382 | 3.459 | 51.87 | 53.97 | 53.97 | 53.80 | 51.94 | 54.87 | 25.923 | 0.491 |
| 5/20/2025 17:20 | 2.947 | 2.581 | 2.569 | 3.372 | 1.520 | 3.442 | 51.52 | 53.97 | 53.80 | 53.80 | 51.73 | 54.87 | 26.394 | 0.491 |
| 5/20/2025 17:30 | 3.081 | 2.727 | 2.715 | 3.379 | 1.659 | 3.455 | 51.35 | 53.97 | 53.80 | 53.80 | 51.61 | 54.87 | 26.635 | 0.491 |
| 5/20/2025 17:40 | 3.234 | 2.853 | 2.840 | 3.379 | 1.785 | 3.460 | 51.17 | 53.97 | 53.97 | 53.80 | 51.66 | 54.87 | 26.648 | 0.492 |
| 5/20/2025 17:50 | 3.368 | 2.980 | 2.956 | 3.384 | 1.896 | 3.457 | 51.00 | 53.97 | 53.80 | 53.80 | 51.67 | 54.88 | 26.651 | 0.492 |
| 5/20/2025 18:00 | 3.454 | 3.087 | 3.069 | 3.383 | 2.014 | 3.453 | 51.00 | 53.97 | 53.97 | 53.80 | 51.65 | 54.88 | 26.636 | 0.492 |
| 5/20/2025 18:10 | 3.470 | 3.186 | 3.157 | 3.379 | 2.107 | 3.456 | 51.00 | 53.80 | 53.97 | 53.80 | 51.44 | 54.88 | 26.760 | 0.492 |
| 5/20/2025 18:20 | 3.435 | 3.271 | 3.237 | 3.383 | 2.189 | 3.461 | 51.00 | 53.80 | 53.97 | 53.80 | 51.29 | 54.88 | 27.034 | 0.492 |
| 5/20/2025 18:30 | 3.349 | 3.337 | 3.314 | 3.395 | 2.251 | 3.465 | 51.00 | 53.80 | 53.80 | 53.62 | 51.26 | 54.88 | 27.148 | 0.492 |
| 5/20/2025 18:40 | 3.289 | 3.382 | 3.353 | 3.418 | 2.300 | 3.469 | 51.00 | 53.80 | 53.80 | 53.80 | 51.29 | 54.88 | 27.198 | 0.492 |
| 5/20/2025 18:50 | 3.201 | 3.374 | 3.356 | 3.438 | 2.292 | 3.464 | 50.82 | 53.62 | 53.80 | 53.80 | 51.32 | 54.88 | 27.193 | 0.491 |
| 5/20/2025 19:00 | 3.094 | 3.304 | 3.301 | 3.448 | 2.225 | 3.465 | 51.00 | 53.62 | 53.80 | 53.80 | 51.33 | 54.88 | 27.200 | 0.491 |
| 5/20/2025 19:10 | 2.980 | 3.193 | 3.168 | 3.426 | 2.084 | 3.459 | 50.82 | 53.62 | 53.62 | 53.80 | 51.35 | 54.88 | 27.196 | 0.491 |
| 5/20/2025 19:20 | 2.854 | 3.078 | 3.055 | 3.406 | 1.985 | 3.470 | 50.82 | 53.45 | 53.62 | 53.80 | 51.38 | 54.88 | 27.197 | 0.490 |
| 5/20/2025 19:30 | 2.727 | 2.947 | 2.927 | 3.397 | 1.861 | 3.470 | 50.82 | 53.45 | 53.62 | 53.62 | 51.42 | 54.88 | 27.204 | 0.490 |
| 5/20/2025 19:40 | 2.594 | 2.809 | 2.803 | 3.383 | 1.727 | 3.461 | 50.82 | 53.45 | 53.45 | 53.80 | 51.44 | 54.88 | 27.173 | 0.490 |
| 5/20/2025 19:50 | 2.456 | 2.680 | 2.672 | 3.387 | 1.592 | 3.462 | 50.82 | 53.45 | 53.45 | 53.80 | 51.47 | 54.88 | 27.146 | 0.489 |
| 5/20/2025 20:00 | 2.342 | 2.564 | 2.558 | 3.379 | 1.469 | 3.462 | 50.82 | 53.27 | 53.27 | 53.62 | 51.50 | 54.88 | 27.109 | 0.489 |
| 5/20/2025 20:10 | 2.227 | 2.457 | 2.452 | 3.388 | 1.357 | 3.456 | 50.82 | 53.27 | 53.27 | 53.80 | 51.53 | 54.88 | 27.085 | 0.489 |
| 5/20/2025 20:20 | 2.144 | 2.369 | 2.361 | 3.395 | 1.256 | 3.469 | 50.82 | 53.27 | 53.27 | 53.80 | 51.55 | 54.87 | 27.095 | 0.489 |
| 5/20/2025 20:30 | 2.031 | 2.270 | 2.274 | 3.376 | 1.168 | 3.464 | 51.00 | 53.27 | 53.27 | 53.62 | 51.59 | 54.87 | 27.060 | 0.489 |
| 5/20/2025 20:40 | 1.953 | 2.197 | 2.200 | 3.387 | 1.085 | 3.468 | 51.17 | 53.27 | 53.10 | 53.62 | 51.62 | 54.87 | 27.072 | 0.488 |
| 5/20/2025 20:50 | 1.859 | 2.121 | 2.124 | 3.376 | 1.000 | 3.460 | 51.17 | 53.27 | 53.10 | 53.62 | 51.67 | 54.87 | 27.042 | 0.488 |
| 5/20/2025 21:00 | 1.801 | 2.067 | 2.076 | 3.384 | 0.934 | 3.463 | 51.35 | 53.27 | 53.10 | 53.62 | 51.70 | 54.87 | 27.024 | 0.488 |
| 5/20/2025 21:10 | 1.722 | 2.014 | 2.028 | 3.373 | 0.861 | 3.459 | 51.35 | 53.27 | 52.93 | 53.62 | 51.73 | 54.86 | 27.004 | 0.488 |
| 5/20/2025 21:20 | 1.656 | 1.972 | 1.984 | 3.365 | 0.793 | 3.460 | 51.52 | 53.27 | 52.93 | 53.62 | 51.76 | 54.86 | 27.012 | 0.488 |
| 5/20/2025 21:30 | 1.601 | 1.953 | 1.962 | 3.365 | 0.750 | 3.454 | 51.52 | 53.27 | 52.93 | 53.62 | 51.79 | 54.86 | 27.003 | 0.487 |
| 5/20/2025 21:40 | 1.555 | 1.938 | 1.955 | 3.374 | 0.711 | 3.463 | 51.70 | 53.27 | 52.93 | 53.62 | 51.82 | 54.85 | 26.987 | 0.487 |
| 5/20/2025 21:50 | 1.504 | 1.927 | 1.937 | 3.374 | 0.659 | 3.466 | 51.70 | 53.27 | 52.75 | 53.62 | 51.87 | 54.85 | 26.992 | 0.487 |
| 5/20/2025 22:00 | 1.460 | 1.923 | 1.944 | 3.381 | 0.619 | 3.472 | 51.70 | 53.27 | 52.75 | 53.62 | 51.92 | 54.84 | 26.954 | 0.487 |
| 5/20/2025 22:10 | 1.421 | 1.916 | 1.933 | 3.382 | 0.591 | 3.470 | 51.70 | 53.27 | 52.75 | 53.62 | 51.99 | 54.83 | 26.927 | 0.486 |
| 5/20/2025 22:20 | 1.363 | 1.905 | 1.922 | 3.374 | 0.544 | 3.465 | 51.87 | 53.27 | 52.75 | 53.62 | 52.06 | 54.83 | 26.887 | 0.486 |
| 5/20/2025 22:30 | 1.332 | 1.905 | 1.930 | 3.378 | 0.515 | 3.465 | 51.87 | 53.27 | 52.75 | 53.62 | 52.11 | 54.82 | 26.870 | 0.486 |
| 5/20/2025 22:40 | 1.289 | 1.901 | 1.918 | 3.371 | 0.488 | 3.461 | 51.87 | 53.27 | 52.58 | 53.62 | 52.15 | 54.82 | 26.743 | 0.486 |
| 5/20/2025 22:50 | 1.265 | 1.905 | 1.922 | 3.375 | 0.475 | 3.462 | 51.87 | 53.27 | 52.58 | 53.62 | 52.16 | 54.81 | 26.608 | 0.486 |
| 5/20/2025 23:00 | 1.234 | 1.901 | 1.926 | 3.383 | 0.464 | 3.468 | 51.87 | 53.27 | 52.58 | 53.62 | 52.17 | 54.80 | 26.436 | 0.486 |
| 5/20/2025 23:10 | 1.200 | 1.898 | 1.926 | 3.376 | 0.445 | 3.469 | 52.05 | 53.27 | 52.58 | 53.62 | 52.17 | 54.80 | 26.223 | 0.485 |
| 5/20/2025 23:20 | 1.172 | 1.898 | 1.922 | 3.376 | 0.436 | 3.464 | 52.05 | 53.27 | 52.58 | 53.62 | 52.17 | 54.79 | 25.929 | 0.485 |
| 5/20/2025 23:30 | 1.145 | 1.891 | 1.922 | 3.368 | 0.424 | 3.460 | 52.05 | 53.27 | 52.40 | 53.62 | 52.17 | 54.78 | 25.555 | 0.485 |
| 5/20/2025 23:40 | 1.125 | 1.906 | 1.922 | 3.376 | 0.429 | 3.476 | 52.05 | 53.27 | 52.40 | 53.62 | 52.16 | 54.77 | 25.001 | 0.485 |
| 5/20/2025 23:50 | 1.106 | 1.906 | 1.929 | 3.369 | 0.413 | 3.466 | 52.05 | 53.27 | 52.40 | 53.62 | 52.15 | 54.76 | 24.273 | 0.484 |
| 5/21/2025 0:00 | 1.070 | 1.894 | 1.920 | 3.364 | 0.421 | 3.468 | 52.05 | 53.27 | 52.40 | 53.62 | 52.14 | 54.76 | 23.466 | 0.484 |
| 5/21/2025 0:10 | 1.059 | 1.899 | 1.922 | 3.373 | 0.414 | 3.455 | 52.05 | 53.27 | 52.40 | 53.62 | 52.12 | 54.75 | 22.459 | 0.484 |
| 5/21/2025 0:20 | 1.040 | 1.899 | 1.925 | 3.377 | 0.414 | 3.462 | 52.05 | 53.27 | 52.23 | 53.62 | 52.10 | 54.74 | 21.569 | 0.483 |
| 5/21/2025 0:30 | 1.020 | 1.899 | 1.922 | 3.373 | 0.409 | 3.459 | 52.05 | 53.27 | 52.23 | 53.62 | 52.07 | 54.73 | 20.548 | 0.483 |
| 5/21/2025 0:40 | 1.009 | 1.900 | 1.922 | 3.370 | 0.417 | 3.462 | 52.05 | 53.27 | 52.23 | 53.62 | 52.04 | 54.72 | 19.871 | 0.482 |
| 5/21/2025 0:50 | 0.991 | 1.906 | 1.927 | 3.376 | 0.411 | 3.470 | 52.05 | 53.27 | 52.23 | 53.62 | 52.01 | 54.71 | 18.794 | 0.482 |
| 5/21/2025 1:00 | 0.980 | 1.902 | 1.923 | 3.380 | 0.415 | 3.457 | 52.05 | 53.27 | 52.05 | 53.62 | 51.98 | 54.70 | 17.982 | 0.481 |
| 5/21/2025 1:10 | 0.972 | 1.906 | 1.931 | 3.377 | 0.419 | 3.473 | 51.87 | 53.27 | 52.05 | 53.62 | 51.95 | 54.69 | 16.413 | 0.480 |
| 5/21/2025 1:20 | 0.964 | 1.902 | 1.931 | 3.377 | 0.415 | 3.463 | 51.87 | 53.10 | 52.05 | 53.62 | 51.93 | 54.67 | 15.049 | 0.479 |
| 5/21/2025 1:30 | 0.944 | 1.902 | 1.926 | 3.376 | 0.412 | 3.463 | 51.87 | 53.10 | 51.87 | 53.62 | 51.90 | 54.66 | 13.925 | 0.478 |
| 5/21/2025 1:40 | 0.936 | 1.905 | 1.925 | 3.376 | 0.402 | 3.468 | 51.87 | 53.10 | 51.87 | 53.62 | 51.88 | 54.64 | 13.274 | 0.478 |
| 5/21/2025 1:50 | 0.931 | 1.908 | 1.936 | 3.378 | 0.418 | 3.466 | 51.87 | 53.10 | 51.87 | 53.45 | 51.86 | 54.62 | 12.444 | 0.477 |
| 5/21/2025 2:00 | 0.922 | 1.904 | 1.928 | 3.382 | 0.406 | 3.460 | 51.87 | 53.10 | 51.87 | 53.45 | 51.83 | 54.61 | 11.370 | 0.475 |
| 5/21/2025 2:10 | 0.907 | 1.900 | 1.921 | 3.373 | 0.407 | 3.455 | 51.87 | 53.10 | 51.87 | 53.45 | 51.80 | 54.59 | 10.624 | 0.475 |
| 5/21/2025 2:20 | 0.894 | 1.900 | 1.917 | 3.374 | 0.402 | 3.459 | 51.70 | 53.10 | 51.70 | 53.45 | 51.77 | 54.58 | 9.897 | 0.474 |
| 5/21/2025 2:30 | 0.890 | 1.904 | 1.921 | 3.374 | 0.417 | 3.463 | 51.70 | 53.10 | 51.70 | 53.45 | 51.75 | 54.57 | 9.846 | 0.473 |
| 5/21/2025 2:40 | 0.883 | 1.901 | 1.925 | 3.370 | 0.406 | 3.460 | 51.70 | 53.10 | 51.70 | 53.45 | 51.71 | 54.56 | 9.456 | 0.472 |
| 5/21/2025 2:50 | 0.884 | 1.898 | 1.926 | 3.371 | 0.410 | 3.461 | 51.70 | 53.10 | 51.70 | 53.45 | 51.68 | 54.55 | 9.250 | 0.471 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/21/2025 3:00 | 0.867 | 1.905 | 1.929 | 3.382 | 0.400 | 3.466 | 51.70 | 53.10 | 51.52 | 53.45 | 51.64 | 54.54 | 8.987 | 0.470 |
| 5/21/2025 3:10 | 0.866 | 1.909 | 1.929 | 3.382 | 0.416 | 3.470 | 51.52 | 53.10 | 51.52 | 53.45 | 51.58 | 54.52 | 8.027 | 0.469 |
| 5/21/2025 3:20 | 0.859 | 1.901 | 1.914 | 3.370 | 0.406 | 3.460 | 51.52 | 52.93 | 51.52 | 53.45 | 51.52 | 54.52 | 7.730 | 0.468 |
| 5/21/2025 3:30 | 0.926 | 1.897 | 1.925 | 3.375 | 0.409 | 3.466 | 51.52 | 52.93 | 51.35 | 53.45 | 51.45 | 54.51 | 7.322 | 0.468 |
| 5/21/2025 3:40 | 1.003 | 1.897 | 1.916 | 3.374 | 0.404 | 3.453 | 51.35 | 52.93 | 51.17 | 53.45 | 51.39 | 54.50 | 7.499 | 0.467 |
| 5/21/2025 3:50 | 1.122 | 1.896 | 1.916 | 3.370 | 0.403 | 3.458 | 51.35 | 52.93 | 51.17 | 53.45 | 51.36 | 54.49 | 7.532 | 0.466 |
| 5/21/2025 4:00 | 1.255 | 1.889 | 1.915 | 3.362 | 0.419 | 3.451 | 51.35 | 52.93 | 51.00 | 53.45 | 51.32 | 54.49 | 7.125 | 0.466 |
| 5/21/2025 4:10 | 1.405 | 1.892 | 1.914 | 3.366 | 0.482 | 3.465 | 51.35 | 52.93 | 51.00 | 53.45 | 51.30 | 54.48 | 7.244 | 0.465 |
| 5/21/2025 4:20 | 1.621 | 1.900 | 1.922 | 3.370 | 0.637 | 3.463 | 51.17 | 52.93 | 51.00 | 53.45 | 51.28 | 54.48 | 8.410 | 0.466 |
| 5/21/2025 4:30 | 1.846 | 1.923 | 1.930 | 3.370 | 0.807 | 3.463 | 51.17 | 52.93 | 51.00 | 53.45 | 51.26 | 54.47 | 8.397 | 0.465 |
| 5/21/2025 4:40 | 2.080 | 2.035 | 2.016 | 3.366 | 0.963 | 3.456 | 51.17 | 52.93 | 50.82 | 53.45 | 51.17 | 54.46 | 19.010 | 0.465 |
| 5/21/2025 4:50 | 2.330 | 2.184 | 2.166 | 3.363 | 1.107 | 3.457 | 51.35 | 52.75 | 50.82 | 53.45 | 51.16 | 54.46 | 21.541 | 0.464 |
| 5/21/2025 5:00 | 2.598 | 2.341 | 2.316 | 3.371 | 1.274 | 3.460 | 51.35 | 52.75 | 50.82 | 53.45 | 51.17 | 54.45 | 22.727 | 0.464 |
| 5/21/2025 5:10 | 2.937 | 2.494 | 2.479 | 3.379 | 1.424 | 3.472 | 51.35 | 52.75 | 50.64 | 53.45 | 51.21 | 54.44 | 23.304 | 0.463 |
| 5/21/2025 5:20 | 3.128 | 2.644 | 2.625 | 3.371 | 1.575 | 3.471 | 51.35 | 52.75 | 50.64 | 53.45 | 51.25 | 54.44 | 23.683 | 0.463 |
| 5/21/2025 5:30 | 3.353 | 2.783 | 2.760 | 3.371 | 1.714 | 3.469 | 51.35 | 52.75 | 50.64 | 53.27 | 51.27 | 54.43 | 23.913 | 0.463 |
| 5/21/2025 5:40 | 3.563 | 2.917 | 2.898 | 3.371 | 1.846 | 3.467 | 51.35 | 52.75 | 50.64 | 53.27 | 51.28 | 54.43 | 24.092 | 0.462 |
| 5/21/2025 5:50 | 3.665 | 3.051 | 3.026 | 3.375 | 1.972 | 3.458 | 51.35 | 52.58 | 50.64 | 53.27 | 51.28 | 54.43 | 24.304 | 0.462 |
| 5/21/2025 6:00 | 3.757 | 3.162 | 3.135 | 3.372 | 2.085 | 3.458 | 51.35 | 52.58 | 50.64 | 53.27 | 51.28 | 54.42 | 24.322 | 0.462 |
| 5/21/2025 6:10 | 3.816 | 3.262 | 3.233 | 3.375 | 2.188 | 3.461 | 51.35 | 52.58 | 50.64 | 53.27 | 51.28 | 54.42 | 24.315 | 0.461 |
| 5/21/2025 6:20 | 3.792 | 3.354 | 3.324 | 3.394 | 2.280 | 3.470 | 51.35 | 52.58 | 50.47 | 53.27 | 51.28 | 54.41 | 24.334 | 0.461 |
| 5/21/2025 6:30 | 3.829 | 3.423 | 3.393 | 3.426 | 2.341 | 3.459 | 51.35 | 52.58 | 50.47 | 53.27 | 51.28 | 54.40 | 24.331 | 0.461 |
| 5/21/2025 6:40 | 3.686 | 3.480 | 3.447 | 3.480 | 2.400 | 3.460 | 51.35 | 52.40 | 50.47 | 53.27 | 51.27 | 54.39 | 24.352 | 0.461 |
| 5/21/2025 6:50 | 3.626 | 3.530 | 3.495 | 3.526 | 2.443 | 3.464 | 51.35 | 52.40 | 50.64 | 53.27 | 51.27 | 54.39 | 24.384 | 0.461 |
| 5/21/2025 7:00 | 3.508 | 3.560 | 3.529 | 3.565 | 2.474 | 3.460 | 51.35 | 52.40 | 51.00 | 53.27 | 51.27 | 54.38 | 24.388 | 0.461 |
| 5/21/2025 7:10 | 3.404 | 3.582 | 3.555 | 3.591 | 2.482 | 3.465 | 51.35 | 52.40 | 51.17 | 53.27 | 51.28 | 54.38 | 24.391 | 0.461 |
| 5/21/2025 7:20 | 3.253 | 3.513 | 3.479 | 3.591 | 2.389 | 3.464 | 51.35 | 52.40 | 51.35 | 53.27 | 51.28 | 54.37 | 24.313 | 0.461 |
| 5/21/2025 7:30 | 3.174 | 3.389 | 3.362 | 3.544 | 2.292 | 3.461 | 51.35 | 52.40 | 51.35 | 53.27 | 51.28 | 54.37 | 23.973 | 0.461 |
| 5/21/2025 7:40 | 3.012 | 3.239 | 3.222 | 3.493 | 2.124 | 3.457 | 51.35 | 52.40 | 51.35 | 53.27 | 51.29 | 54.37 | 23.779 | 0.461 |
| 5/21/2025 7:50 | 2.873 | 3.101 | 3.090 | 3.453 | 2.009 | 3.466 | 51.35 | 52.40 | 51.17 | 53.27 | 51.29 | 54.37 | 23.654 | 0.461 |
| 5/21/2025 8:00 | 2.738 | 2.958 | 2.950 | 3.414 | 1.860 | 3.463 | 51.35 | 52.23 | 51.00 | 53.27 | 51.30 | 54.37 | 23.629 | 0.461 |
| 5/21/2025 8:10 | 2.598 | 2.811 | 2.806 | 3.384 | 1.717 | 3.454 | 51.35 | 52.23 | 51.00 | 53.10 | 51.32 | 54.36 | 23.626 | 0.461 |
| 5/21/2025 8:20 | 2.475 | 2.688 | 2.682 | 3.384 | 1.593 | 3.463 | 51.35 | 52.23 | 51.00 | 53.10 | 51.33 | 54.36 | 23.638 | 0.462 |
| 5/21/2025 8:30 | 2.359 | 2.567 | 2.571 | 3.367 | 1.468 | 3.456 | 51.35 | 52.23 | 51.00 | 53.10 | 51.35 | 54.36 | 23.648 | 0.462 |
| 5/21/2025 8:40 | 2.256 | 2.471 | 2.462 | 3.386 | 1.375 | 3.463 | 51.35 | 52.23 | 51.17 | 53.10 | 51.37 | 54.36 | 23.648 | 0.462 |
| 5/21/2025 8:50 | 2.165 | 2.375 | 2.378 | 3.373 | 1.284 | 3.458 | 51.52 | 52.23 | 51.35 | 53.10 | 51.40 | 54.35 | 23.655 | 0.463 |
| 5/21/2025 9:00 | 2.072 | 2.295 | 2.288 | 3.375 | 1.184 | 3.452 | 51.52 | 52.23 | 51.35 | 53.10 | 51.44 | 54.35 | 23.675 | 0.463 |
| 5/21/2025 9:10 | 1.989 | 2.219 | 2.216 | 3.375 | 1.107 | 3.467 | 51.52 | 52.23 | 51.52 | 53.10 | 51.48 | 54.35 | 23.706 | 0.464 |
| 5/21/2025 9:20 | 1.910 | 2.157 | 2.165 | 3.370 | 1.035 | 3.467 | 51.52 | 52.23 | 51.70 | 53.10 | 51.53 | 54.35 | 23.721 | 0.464 |
| 5/21/2025 9:30 | 1.835 | 2.096 | 2.095 | 3.366 | 0.959 | 3.457 | 51.52 | 52.23 | 51.70 | 53.10 | 51.58 | 54.35 | 23.719 | 0.464 |
| 5/21/2025 9:40 | 1.776 | 2.047 | 2.053 | 3.371 | 0.905 | 3.466 | 51.52 | 52.23 | 51.87 | 53.10 | 51.64 | 54.35 | 23.736 | 0.465 |
| 5/21/2025 9:50 | 1.716 | 1.998 | 2.002 | 3.368 | 0.839 | 3.457 | 51.70 | 52.23 | 51.87 | 53.10 | 51.67 | 54.35 | 23.756 | 0.465 |
| 5/21/2025 10:00 | 1.663 | 1.959 | 1.977 | 3.364 | 0.792 | 3.459 | 51.70 | 52.23 | 52.05 | 53.10 | 51.72 | 54.35 | 23.760 | 0.466 |
| 5/21/2025 10:10 | 1.605 | 1.936 | 1.956 | 3.368 | 0.735 | 3.456 | 51.70 | 52.23 | 52.05 | 53.10 | 51.79 | 54.35 | 23.749 | 0.466 |
| 5/21/2025 10:20 | 1.555 | 1.919 | 1.933 | 3.370 | 0.691 | 3.463 | 51.70 | 52.23 | 52.23 | 53.10 | 51.86 | 54.35 | 23.772 | 0.467 |
| 5/21/2025 10:30 | 1.507 | 1.910 | 1.925 | 3.364 | 0.647 | 3.456 | 51.87 | 52.23 | 52.40 | 53.10 | 51.94 | 54.35 | 23.798 | 0.467 |
| 5/21/2025 10:40 | 1.454 | 1.897 | 1.917 | 3.355 | 0.603 | 3.452 | 51.87 | 52.23 | 52.58 | 53.10 | 52.03 | 54.36 | 23.813 | 0.467 |
| 5/21/2025 10:50 | 1.419 | 1.885 | 1.913 | 3.358 | 0.571 | 3.457 | 52.05 | 52.23 | 52.75 | 52.93 | 52.10 | 54.36 | 23.822 | 0.468 |
| 5/21/2025 11:00 | 1.378 | 1.887 | 1.901 | 3.357 | 0.537 | 3.448 | 52.05 | 52.23 | 52.93 | 53.10 | 52.16 | 54.36 | 23.859 | 0.468 |
| 5/21/2025 11:10 | 1.350 | 1.886 | 1.908 | 3.355 | 0.507 | 3.459 | 52.23 | 52.23 | 53.10 | 52.93 | 52.27 | 54.36 | 23.865 | 0.469 |
| 5/21/2025 11:20 | 1.304 | 1.887 | 1.905 | 3.360 | 0.487 | 3.453 | 52.40 | 52.40 | 53.27 | 52.93 | 52.38 | 54.36 | 23.874 | 0.469 |
| 5/21/2025 11:30 | 1.274 | 1.885 | 1.903 | 3.353 | 0.468 | 3.453 | 52.40 | 52.40 | 53.45 | 52.93 | 52.49 | 54.36 | 23.869 | 0.470 |
| 5/21/2025 11:40 | 1.247 | 1.881 | 1.915 | 3.369 | 0.458 | 3.452 | 52.58 | 52.40 | 53.62 | 52.93 | 52.58 | 54.37 | 23.840 | 0.470 |
| 5/21/2025 11:50 | 1.228 | 1.881 | 1.905 | 3.365 | 0.444 | 3.454 | 52.75 | 52.40 | 53.80 | 52.93 | 52.69 | 54.37 | 23.797 | 0.470 |
| 5/21/2025 12:00 | 1.195 | 1.891 | 1.909 | 3.367 | 0.439 | 3.461 | 52.75 | 52.40 | 53.97 | 52.93 | 52.78 | 54.37 | 23.762 | 0.470 |
| 5/21/2025 12:10 | 1.175 | 1.890 | 1.904 | 3.362 | 0.421 | 3.451 | 52.93 | 52.40 | 53.97 | 52.93 | 52.86 | 54.37 | 23.695 | 0.471 |
| 5/21/2025 12:20 | 1.146 | 1.880 | 1.898 | 3.352 | 0.416 | 3.440 | 53.10 | 52.58 | 54.15 | 52.93 | 52.94 | 54.38 | 23.577 | 0.471 |
| 5/21/2025 12:30 | 1.122 | 1.891 | 1.910 | 3.364 | 0.415 | 3.441 | 53.27 | 52.58 | 54.32 | 52.93 | 53.06 | 54.38 | 23.410 | 0.471 |
| 5/21/2025 12:40 | 1.103 | 1.892 | 1.914 | 3.364 | 0.416 | 3.448 | 53.27 | 52.58 | 54.32 | 52.93 | 53.18 | 54.39 | 23.288 | 0.472 |
| 5/21/2025 12:50 | 1.083 | 1.891 | 1.921 | 3.352 | 0.406 | 3.437 | 53.45 | 52.58 | 54.50 | 52.93 | 53.30 | 54.39 | 23.111 | 0.472 |
| 5/21/2025 13:00 | 1.058 | 1.893 | 1.908 | 3.353 | 0.407 | 3.438 | 53.62 | 52.75 | 54.50 | 52.93 | 53.44 | 54.39 | 22.896 | 0.473 |
| 5/21/2025 13:10 | 1.045 | 1.892 | 1.923 | 3.360 | 0.415 | 3.445 | 53.62 | 52.75 | 54.67 | 52.93 | 53.59 | 54.40 | 22.681 | 0.473 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/21/2025 13:20 | 1.027 | 1.901 | 1.931 | 3.365 | 0.417 | 3.449 | 53.80 | 52.75 | 54.84 | 52.93 | 53.75 | 54.41 | 22.359 | 0.472 |
| 5/21/2025 13:30 | 1.019 | 1.904 | 1.942 | 3.364 | 0.418 | 3.450 | 53.97 | 52.75 | 54.84 | 52.93 | 53.90 | 54.41 | 22.014 | 0.472 |
| 5/21/2025 13:40 | 0.997 | 1.906 | 1.947 | 3.366 | 0.418 | 3.449 | 54.15 | 52.93 | 55.02 | 52.93 | 54.06 | 54.41 | 21.670 | 0.472 |
| 5/21/2025 13:50 | 0.987 | 1.914 | 1.952 | 3.366 | 0.422 | 3.444 | 54.32 | 52.93 | 55.19 | 52.93 | 54.18 | 54.42 | 21.388 | 0.472 |
| 5/21/2025 14:00 | 0.964 | 1.902 | 1.941 | 3.358 | 0.411 | 3.435 | 54.50 | 52.93 | 55.19 | 52.93 | 54.28 | 54.42 | 21.027 | 0.472 |
| 5/21/2025 14:10 | 0.966 | 1.920 | 1.951 | 3.368 | 0.426 | 3.450 | 54.50 | 53.10 | 55.36 | 52.93 | 54.36 | 54.42 | 20.671 | 0.472 |
| 5/21/2025 14:20 | 0.950 | 1.915 | 1.943 | 3.368 | 0.421 | 3.451 | 54.67 | 53.10 | 55.36 | 52.93 | 54.44 | 54.42 | 20.161 | 0.472 |
| 5/21/2025 14:30 | 0.932 | 1.913 | 1.946 | 3.358 | 0.420 | 3.446 | 54.67 | 53.10 | 55.54 | 52.93 | 54.51 | 54.43 | 19.838 | 0.472 |
| 5/21/2025 14:40 | 0.922 | 1.919 | 1.958 | 3.359 | 0.419 | 3.448 | 54.67 | 53.10 | 55.54 | 52.93 | 54.59 | 54.43 | 19.483 | 0.471 |
| 5/21/2025 14:50 | 0.921 | 1.917 | 1.960 | 3.365 | 0.424 | 3.444 | 54.84 | 53.27 | 55.54 | 52.93 | 54.66 | 54.43 | 19.200 | 0.471 |
| 5/21/2025 15:00 | 0.912 | 1.936 | 1.975 | 3.369 | 0.426 | 3.446 | 54.84 | 53.27 | 55.54 | 53.10 | 54.71 | 54.44 | 18.888 | 0.471 |
| 5/21/2025 15:10 | 0.906 | 1.942 | 1.984 | 3.371 | 0.439 | 3.453 | 55.02 | 53.27 | 55.54 | 53.10 | 54.78 | 54.44 | 18.381 | 0.471 |
| 5/21/2025 15:20 | 0.902 | 1.950 | 1.988 | 3.371 | 0.445 | 3.447 | 55.02 | 53.27 | 55.54 | 53.10 | 54.84 | 54.44 | 17.750 | 0.471 |
| 5/21/2025 15:30 | 0.894 | 1.957 | 1.995 | 3.371 | 0.447 | 3.452 | 55.02 | 53.45 | 55.54 | 53.10 | 54.92 | 54.45 | 17.088 | 0.471 |
| 5/21/2025 15:40 | 0.887 | 1.958 | 1.989 | 3.364 | 0.453 | 3.455 | 55.02 | 53.45 | 55.71 | 53.10 | 55.00 | 54.46 | 16.525 | 0.470 |
| 5/21/2025 15:50 | 0.885 | 1.955 | 1.990 | 3.369 | 0.453 | 3.452 | 55.19 | 53.45 | 55.88 | 53.10 | 55.06 | 54.46 | 15.905 | 0.470 |
| 5/21/2025 16:00 | 0.879 | 1.946 | 1.981 | 3.367 | 0.449 | 3.454 | 55.19 | 53.62 | 56.06 | 53.10 | 55.08 | 54.47 | 15.285 | 0.470 |
| 5/21/2025 16:10 | 0.908 | 1.943 | 1.980 | 3.365 | 0.444 | 3.455 | 55.19 | 53.62 | 56.23 | 53.10 | 55.08 | 54.48 | 14.810 | 0.470 |
| 5/21/2025 16:20 | 0.975 | 1.932 | 1.965 | 3.361 | 0.434 | 3.450 | 55.19 | 53.62 | 56.40 | 53.10 | 55.06 | 54.48 | 14.147 | 0.470 |
| 5/21/2025 16:30 | 1.047 | 1.929 | 1.955 | 3.366 | 0.434 | 3.451 | 55.02 | 53.62 | 56.40 | 53.10 | 55.04 | 54.49 | 12.977 | 0.469 |
| 5/21/2025 16:40 | 1.164 | 1.920 | 1.947 | 3.375 | 0.441 | 3.461 | 55.19 | 53.80 | 56.58 | 53.10 | 55.04 | 54.49 | 12.149 | 0.469 |
| 5/21/2025 16:50 | 1.285 | 1.911 | 1.946 | 3.371 | 0.464 | 3.461 | 55.19 | 53.80 | 56.40 | 53.10 | 55.05 | 54.50 | 11.338 | 0.469 |
| 5/21/2025 17:00 | 1.444 | 1.904 | 1.931 | 3.371 | 0.521 | 3.449 | 55.19 | 53.80 | 56.40 | 53.10 | 55.07 | 54.50 | 10.666 | 0.469 |
| 5/21/2025 17:10 | 1.619 | 1.901 | 1.921 | 3.369 | 0.661 | 3.444 | 55.54 | 53.80 | 56.23 | 53.27 | 55.09 | 54.51 | 10.332 | 0.468 |
| 5/21/2025 17:20 | 1.849 | 1.923 | 1.937 | 3.372 | 0.828 | 3.448 | 55.19 | 53.97 | 56.06 | 53.27 | 55.09 | 54.52 | 10.299 | 0.468 |
| 5/21/2025 17:30 | 2.089 | 2.035 | 2.030 | 3.361 | 0.977 | 3.456 | 54.84 | 53.97 | 56.06 | 53.27 | 55.17 | 54.52 | 16.541 | 0.467 |
| 5/21/2025 17:40 | 2.361 | 2.181 | 2.171 | 3.365 | 1.117 | 3.444 | 54.67 | 53.97 | 55.88 | 53.27 | 54.89 | 54.54 | 19.923 | 0.467 |
| 5/21/2025 17:50 | 2.612 | 2.333 | 2.308 | 3.367 | 1.265 | 3.441 | 54.50 | 54.15 | 55.71 | 53.27 | 54.70 | 54.54 | 21.036 | 0.467 |
| 5/21/2025 18:00 | 2.848 | 2.480 | 2.466 | 3.372 | 1.412 | 3.451 | 54.15 | 54.15 | 55.54 | 53.27 | 54.48 | 54.55 | 21.693 | 0.467 |
| 5/21/2025 18:10 | 3.031 | 2.619 | 2.609 | 3.366 | 1.557 | 3.445 | 53.97 | 54.15 | 55.54 | 53.27 | 54.21 | 54.56 | 22.178 | 0.466 |
| 5/21/2025 18:20 | 3.267 | 2.754 | 2.740 | 3.362 | 1.686 | 3.455 | 53.62 | 54.15 | 55.36 | 53.27 | 53.96 | 54.57 | 22.684 | 0.466 |
| 5/21/2025 18:30 | 3.385 | 2.877 | 2.872 | 3.366 | 1.819 | 3.453 | 53.45 | 54.32 | 55.36 | 53.27 | 53.78 | 54.57 | 22.968 | 0.466 |
| 5/21/2025 18:40 | 3.492 | 3.015 | 2.996 | 3.378 | 1.940 | 3.457 | 53.45 | 54.32 | 55.19 | 53.27 | 53.74 | 54.58 | 23.025 | 0.466 |
| 5/21/2025 18:50 | 3.607 | 3.120 | 3.099 | 3.368 | 2.049 | 3.448 | 53.45 | 54.32 | 55.19 | 53.45 | 53.68 | 54.59 | 23.042 | 0.465 |
| 5/21/2025 19:00 | 3.694 | 3.220 | 3.202 | 3.373 | 2.139 | 3.449 | 53.27 | 54.32 | 55.19 | 53.45 | 53.63 | 54.60 | 23.043 | 0.465 |
| 5/21/2025 19:10 | 3.714 | 3.313 | 3.286 | 3.381 | 2.238 | 3.460 | 53.27 | 54.32 | 55.19 | 53.45 | 53.56 | 54.60 | 23.052 | 0.465 |
| 5/21/2025 19:20 | 3.711 | 3.383 | 3.356 | 3.401 | 2.310 | 3.454 | 53.27 | 54.32 | 55.02 | 53.45 | 53.48 | 54.61 | 23.056 | 0.464 |
| 5/21/2025 19:30 | 3.589 | 3.440 | 3.414 | 3.444 | 2.356 | 3.457 | 53.27 | 54.32 | 55.02 | 53.45 | 53.42 | 54.61 | 23.038 | 0.464 |
| 5/21/2025 19:40 | 3.521 | 3.486 | 3.466 | 3.491 | 2.406 | 3.450 | 53.27 | 54.32 | 55.02 | 53.45 | 53.38 | 54.62 | 23.024 | 0.464 |
| 5/21/2025 19:50 | 3.443 | 3.517 | 3.492 | 3.530 | 2.436 | 3.460 | 53.27 | 54.32 | 55.02 | 53.45 | 53.34 | 54.62 | 23.025 | 0.463 |
| 5/21/2025 20:00 | 3.360 | 3.522 | 3.504 | 3.554 | 2.430 | 3.460 | 53.27 | 54.32 | 55.19 | 53.45 | 53.30 | 54.63 | 23.006 | 0.463 |
| 5/21/2025 20:10 | 3.222 | 3.426 | 3.398 | 3.538 | 2.330 | 3.449 | 53.27 | 54.32 | 55.36 | 53.45 | 53.28 | 54.63 | 22.838 | 0.462 |
| 5/21/2025 20:20 | 3.087 | 3.299 | 3.289 | 3.503 | 2.202 | 3.462 | 53.10 | 54.32 | 55.36 | 53.45 | 53.30 | 54.63 | 22.563 | 0.462 |
| 5/21/2025 20:30 | 2.965 | 3.165 | 3.156 | 3.457 | 2.067 | 3.462 | 53.10 | 54.15 | 55.02 | 53.45 | 53.34 | 54.63 | 22.367 | 0.461 |
| 5/21/2025 20:40 | 2.823 | 3.030 | 3.026 | 3.427 | 1.937 | 3.464 | 53.10 | 54.15 | 54.50 | 53.62 | 53.36 | 54.64 | 22.314 | 0.461 |
| 5/21/2025 20:50 | 2.685 | 2.889 | 2.896 | 3.396 | 1.800 | 3.462 | 53.10 | 54.15 | 53.97 | 53.62 | 53.38 | 54.64 | 22.297 | 0.461 |
| 5/21/2025 21:00 | 2.558 | 2.769 | 2.758 | 3.384 | 1.675 | 3.455 | 52.93 | 54.15 | 53.45 | 53.62 | 53.39 | 54.64 | 22.312 | 0.460 |
| 5/21/2025 21:10 | 2.448 | 2.647 | 2.640 | 3.377 | 1.558 | 3.458 | 52.93 | 54.15 | 53.10 | 53.62 | 53.39 | 54.64 | 22.374 | 0.460 |
| 5/21/2025 21:20 | 2.341 | 2.543 | 2.545 | 3.373 | 1.452 | 3.461 | 52.93 | 54.15 | 52.93 | 53.62 | 53.41 | 54.64 | 22.380 | 0.460 |
| 5/21/2025 21:30 | 2.246 | 2.452 | 2.453 | 3.369 | 1.362 | 3.458 | 52.93 | 54.15 | 52.75 | 53.62 | 53.42 | 54.64 | 22.427 | 0.459 |
| 5/21/2025 21:40 | 2.152 | 2.367 | 2.365 | 3.369 | 1.267 | 3.452 | 52.93 | 54.15 | 52.58 | 53.62 | 53.44 | 54.65 | 22.435 | 0.459 |
| 5/21/2025 21:50 | 2.069 | 2.291 | 2.288 | 3.369 | 1.180 | 3.457 | 52.93 | 54.15 | 52.40 | 53.62 | 53.44 | 54.65 | 22.475 | 0.458 |
| 5/21/2025 22:00 | 1.990 | 2.218 | 2.214 | 3.369 | 1.111 | 3.463 | 52.93 | 54.15 | 52.40 | 53.62 | 53.44 | 54.65 | 22.509 | 0.458 |
| 5/21/2025 22:10 | 1.912 | 2.149 | 2.148 | 3.366 | 1.032 | 3.447 | 52.93 | 53.97 | 52.23 | 53.62 | 53.44 | 54.64 | 22.542 | 0.458 |
| 5/21/2025 22:20 | 1.857 | 2.099 | 2.096 | 3.369 | 0.979 | 3.457 | 53.10 | 53.97 | 52.05 | 53.62 | 53.42 | 54.64 | 22.548 | 0.458 |
| 5/21/2025 22:30 | 1.790 | 2.045 | 2.049 | 3.365 | 0.916 | 3.454 | 53.10 | 53.97 | 52.05 | 53.62 | 53.40 | 54.64 | 22.582 | 0.458 |
| 5/21/2025 22:40 | 1.726 | 1.995 | 2.001 | 3.361 | 0.861 | 3.454 | 53.10 | 53.97 | 51.87 | 53.62 | 53.38 | 54.64 | 22.605 | 0.457 |
| 5/21/2025 22:50 | 1.674 | 1.971 | 1.982 | 3.368 | 0.807 | 3.460 | 53.10 | 53.80 | 51.87 | 53.62 | 53.35 | 54.64 | 22.624 | 0.458 |
| 5/21/2025 23:00 | 1.616 | 1.934 | 1.956 | 3.354 | 0.751 | 3.447 | 52.93 | 53.80 | 51.70 | 53.62 | 53.32 | 54.63 | 22.557 | 0.458 |
| 5/21/2025 23:10 | 1.584 | 1.922 | 1.942 | 3.365 | 0.712 | 3.455 | 52.93 | 53.80 | 51.70 | 53.62 | 53.27 | 54.63 | 22.635 | 0.457 |
| 5/21/2025 23:20 | 1.529 | 1.903 | 1.923 | 3.365 | 0.660 | 3.457 | 52.93 | 53.62 | 51.70 | 53.62 | 53.21 | 54.63 | 22.649 | 0.457 |
| 5/21/2025 23:30 | 1.485 | 1.895 | 1.912 | 3.361 | 0.628 | 3.454 | 52.93 | 53.62 | 51.52 | 53.62 | 53.14 | 54.62 | 22.649 | 0.456 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/21/2025 23:40 | 1.453 | 1.895 | 1.912 | 3.365 | 0.602 | 3.460 | 52.93 | 53.62 | 51.52 | 53.62 | 53.04 | 54.60 | 22.631 | 0.456 |
| 5/21/2025 23:50 | 1.414 | 1.892 | 1.908 | 3.365 | 0.559 | 3.460 | 52.93 | 53.62 | 51.52 | 53.62 | 52.91 | 54.58 | 22.630 | 0.455 |
| 5/22/2025 0:00 | 1.375 | 1.884 | 1.905 | 3.362 | 0.532 | 3.457 | 52.93 | 53.45 | 51.52 | 53.62 | 52.77 | 54.56 | 22.612 | 0.455 |
| 5/22/2025 0:10 | 1.340 | 1.876 | 1.904 | 3.358 | 0.508 | 3.460 | 52.93 | 53.45 | 51.35 | 53.62 | 52.66 | 54.53 | 22.610 | 0.454 |
| 5/22/2025 0:20 | 1.311 | 1.876 | 1.908 | 3.365 | 0.490 | 3.452 | 52.75 | 53.45 | 51.35 | 53.62 | 52.56 | 54.50 | 22.585 | 0.453 |
| 5/22/2025 0:30 | 1.276 | 1.880 | 1.905 | 3.362 | 0.467 | 3.456 | 52.75 | 53.45 | 51.35 | 53.62 | 52.46 | 54.46 | 22.545 | 0.453 |
| 5/22/2025 0:40 | 1.259 | 1.887 | 1.919 | 3.368 | 0.460 | 3.463 | 52.75 | 53.45 | 51.35 | 53.62 | 52.38 | 54.42 | 22.504 | 0.452 |
| 5/22/2025 0:50 | 1.232 | 1.887 | 1.904 | 3.369 | 0.446 | 3.463 | 52.75 | 53.27 | 51.17 | 53.62 | 52.29 | 54.38 | 22.469 | 0.451 |
| 5/22/2025 1:00 | 1.203 | 1.879 | 1.907 | 3.357 | 0.433 | 3.459 | 52.58 | 53.27 | 51.17 | 53.62 | 52.21 | 54.35 | 22.394 | 0.450 |
| 5/22/2025 1:10 | 1.180 | 1.879 | 1.897 | 3.369 | 0.425 | 3.454 | 52.58 | 53.27 | 51.17 | 53.62 | 52.13 | 54.31 | 22.288 | 0.449 |
| 5/22/2025 1:20 | 1.156 | 1.879 | 1.900 | 3.357 | 0.408 | 3.460 | 52.58 | 53.27 | 51.17 | 53.62 | 52.06 | 54.27 | 22.180 | 0.448 |
| 5/22/2025 1:30 | 1.137 | 1.879 | 1.905 | 3.361 | 0.415 | 3.461 | 52.58 | 53.10 | 51.17 | 53.62 | 51.99 | 54.25 | 22.104 | 0.447 |
| 5/22/2025 1:40 | 1.120 | 1.879 | 1.908 | 3.369 | 0.411 | 3.463 | 52.40 | 53.10 | 51.00 | 53.62 | 51.91 | 54.23 | 21.940 | 0.446 |
| 5/22/2025 1:50 | 1.100 | 1.879 | 1.904 | 3.365 | 0.414 | 3.463 | 52.40 | 53.10 | 51.00 | 53.62 | 51.84 | 54.20 | 21.733 | 0.445 |
| 5/22/2025 2:00 | 1.081 | 1.876 | 1.897 | 3.357 | 0.405 | 3.458 | 52.40 | 53.10 | 51.00 | 53.62 | 51.78 | 54.18 | 21.599 | 0.444 |
| 5/22/2025 2:10 | 1.064 | 1.875 | 1.901 | 3.360 | 0.401 | 3.456 | 52.23 | 53.10 | 51.00 | 53.45 | 51.72 | 54.15 | 21.430 | 0.442 |
| 5/22/2025 2:20 | 1.048 | 1.871 | 1.901 | 3.352 | 0.405 | 3.457 | 52.23 | 52.93 | 51.00 | 53.45 | 51.66 | 54.12 | 21.248 | 0.441 |
| 5/22/2025 2:30 | 1.032 | 1.879 | 1.902 | 3.356 | 0.392 | 3.462 | 52.23 | 52.93 | 51.00 | 53.45 | 51.60 | 54.08 | 21.018 | 0.439 |
| 5/22/2025 2:40 | 1.009 | 1.864 | 1.898 | 3.357 | 0.391 | 3.449 | 52.23 | 52.93 | 51.00 | 53.45 | 51.55 | 54.05 | 20.840 | 0.437 |
| 5/22/2025 2:50 | 1.004 | 1.871 | 1.905 | 3.356 | 0.393 | 3.460 | 52.05 | 52.93 | 50.82 | 53.45 | 51.50 | 54.02 | 20.682 | 0.434 |
| 5/22/2025 3:00 | 0.992 | 1.867 | 1.905 | 3.360 | 0.389 | 3.459 | 52.05 | 52.93 | 50.82 | 53.45 | 51.45 | 53.98 | 20.529 | 0.432 |
| 5/22/2025 3:10 | 0.975 | 1.874 | 1.897 | 3.359 | 0.395 | 3.459 | 51.87 | 52.93 | 50.82 | 53.45 | 51.40 | 53.95 | 20.259 | 0.429 |
| 5/22/2025 3:20 | 0.959 | 1.870 | 1.897 | 3.359 | 0.389 | 3.456 | 51.87 | 52.75 | 50.82 | 53.45 | 51.35 | 53.91 | 19.937 | 0.426 |
| 5/22/2025 3:30 | 0.954 | 1.881 | 1.900 | 3.355 | 0.395 | 3.462 | 51.87 | 52.75 | 50.64 | 53.45 | 51.31 | 53.88 | 19.698 | 0.423 |
| 5/22/2025 3:40 | 0.930 | 1.862 | 1.893 | 3.355 | 0.389 | 3.456 | 51.70 | 52.75 | 50.64 | 53.45 | 51.26 | 53.84 | 19.362 | 0.419 |
| 5/22/2025 3:50 | 0.918 | 1.873 | 1.899 | 3.354 | 0.391 | 3.458 | 51.70 | 52.75 | 50.64 | 53.45 | 51.21 | 53.81 | 19.081 | 0.415 |
| 5/22/2025 4:00 | 0.914 | 1.873 | 1.900 | 3.355 | 0.386 | 3.447 | 51.52 | 52.75 | 50.64 | 53.45 | 51.16 | 53.77 | 18.692 | 0.412 |
| 5/22/2025 4:10 | 0.905 | 1.873 | 1.903 | 3.362 | 0.390 | 3.460 | 51.52 | 52.75 | 50.47 | 53.45 | 51.11 | 53.74 | 18.407 | 0.409 |
| 5/22/2025 4:20 | 0.890 | 1.877 | 1.903 | 3.362 | 0.394 | 3.466 | 51.52 | 52.58 | 50.47 | 53.45 | 51.07 | 53.70 | 18.122 | 0.406 |
| 5/22/2025 4:30 | 0.953 | 1.866 | 1.899 | 3.347 | 0.395 | 3.456 | 51.35 | 52.58 | 50.47 | 53.45 | 51.02 | 53.66 | 17.847 | 0.403 |
| 5/22/2025 4:40 | 1.016 | 1.874 | 1.895 | 3.351 | 0.387 | 3.457 | 51.35 | 52.58 | 50.29 | 53.45 | 50.98 | 53.63 | 17.623 | 0.401 |
| 5/22/2025 4:50 | 1.123 | 1.862 | 1.899 | 3.343 | 0.390 | 3.454 | 51.52 | 52.58 | 50.29 | 53.27 | 50.93 | 53.59 | 17.423 | 0.400 |
| 5/22/2025 5:00 | 1.248 | 1.866 | 1.899 | 3.354 | 0.417 | 3.461 | 51.35 | 52.58 | 50.29 | 53.27 | 50.89 | 53.56 | 17.431 | 0.398 |
| 5/22/2025 5:10 | 1.411 | 1.863 | 1.892 | 3.347 | 0.465 | 3.451 | 51.35 | 52.58 | 50.11 | 53.27 | 50.86 | 53.52 | 17.218 | 0.398 |
| 5/22/2025 5:20 | 1.601 | 1.866 | 1.888 | 3.351 | 0.620 | 3.454 | 51.52 | 52.40 | 50.11 | 53.27 | 50.84 | 53.49 | 16.870 | 0.397 |
| 5/22/2025 5:30 | 1.821 | 1.897 | 1.914 | 3.358 | 0.802 | 3.455 | 51.70 | 52.40 | 50.11 | 53.27 | 50.84 | 53.46 | 16.744 | 0.396 |
| 5/22/2025 5:40 | 2.074 | 2.008 | 2.001 | 3.362 | 0.931 | 3.449 | 51.70 | 52.40 | 50.11 | 53.27 | 51.05 | 53.44 | 16.884 | 0.396 |
| 5/22/2025 5:50 | 2.330 | 2.157 | 2.146 | 3.362 | 1.081 | 3.458 | 51.70 | 52.40 | 49.94 | 53.27 | 51.19 | 53.42 | 17.264 | 0.396 |
| 5/22/2025 6:00 | 2.610 | 2.298 | 2.292 | 3.358 | 1.236 | 3.454 | 51.70 | 52.40 | 49.94 | 53.27 | 51.28 | 53.40 | 17.910 | 0.396 |
| 5/22/2025 6:10 | 2.878 | 2.447 | 2.444 | 3.354 | 1.391 | 3.451 | 51.70 | 52.40 | 49.94 | 53.27 | 51.37 | 53.39 | 18.487 | 0.396 |
| 5/22/2025 6:20 | 3.112 | 2.608 | 2.594 | 3.361 | 1.533 | 3.457 | 51.87 | 52.23 | 49.94 | 53.27 | 51.44 | 53.38 | 18.964 | 0.396 |
| 5/22/2025 6:30 | 3.337 | 2.746 | 2.732 | 3.350 | 1.686 | 3.446 | 51.87 | 52.23 | 49.94 | 53.27 | 51.50 | 53.36 | 19.308 | 0.396 |
| 5/22/2025 6:40 | 3.518 | 2.884 | 2.875 | 3.357 | 1.816 | 3.450 | 51.87 | 52.23 | 49.94 | 53.27 | 51.56 | 53.36 | 19.822 | 0.396 |
| 5/22/2025 6:50 | 3.759 | 3.021 | 2.999 | 3.361 | 1.946 | 3.460 | 51.87 | 52.23 | 49.94 | 53.27 | 51.62 | 53.36 | 20.386 | 0.396 |
| 5/22/2025 7:00 | 3.846 | 3.140 | 3.119 | 3.357 | 2.073 | 3.457 | 51.87 | 52.23 | 49.94 | 53.27 | 51.62 | 53.36 | 20.518 | 0.396 |
| 5/22/2025 7:10 | 3.921 | 3.255 | 3.224 | 3.356 | 2.167 | 3.450 | 51.87 | 52.23 | 49.94 | 53.10 | 51.64 | 53.36 | 20.693 | 0.396 |
| 5/22/2025 7:20 | 3.984 | 3.351 | 3.312 | 3.368 | 2.266 | 3.452 | 51.87 | 52.23 | 49.94 | 53.10 | 51.64 | 53.36 | 21.024 | 0.396 |
| 5/22/2025 7:30 | 4.027 | 3.431 | 3.395 | 3.417 | 2.350 | 3.452 | 51.70 | 52.23 | 49.94 | 53.10 | 51.63 | 53.36 | 21.304 | 0.397 |
| 5/22/2025 7:40 | 3.950 | 3.491 | 3.452 | 3.474 | 2.408 | 3.448 | 51.70 | 52.23 | 49.94 | 53.10 | 51.63 | 53.37 | 21.493 | 0.397 |
| 5/22/2025 7:50 | 3.900 | 3.546 | 3.513 | 3.534 | 2.457 | 3.453 | 51.70 | 52.05 | 49.94 | 53.10 | 51.64 | 53.38 | 21.741 | 0.397 |
| 5/22/2025 8:00 | 3.833 | 3.589 | 3.559 | 3.577 | 2.509 | 3.451 | 51.70 | 52.23 | 50.47 | 53.10 | 51.63 | 53.38 | 21.800 | 0.397 |
| 5/22/2025 8:10 | 3.742 | 3.623 | 3.589 | 3.608 | 2.541 | 3.448 | 51.70 | 52.23 | 50.82 | 53.10 | 51.63 | 53.39 | 21.821 | 0.398 |
| 5/22/2025 8:20 | 3.641 | 3.651 | 3.620 | 3.644 | 2.562 | 3.446 | 51.70 | 52.23 | 51.00 | 53.10 | 51.63 | 53.40 | 21.836 | 0.398 |
| 5/22/2025 8:30 | 3.510 | 3.659 | 3.642 | 3.656 | 2.568 | 3.452 | 51.70 | 52.23 | 51.17 | 53.10 | 51.64 | 53.41 | 21.838 | 0.398 |
| 5/22/2025 8:40 | 3.375 | 3.601 | 3.580 | 3.663 | 2.504 | 3.451 | 51.70 | 52.23 | 51.35 | 53.10 | 51.65 | 53.42 | 21.779 | 0.399 |
| 5/22/2025 8:50 | 3.230 | 3.470 | 3.448 | 3.608 | 2.365 | 3.447 | 51.87 | 52.23 | 51.35 | 53.10 | 51.67 | 53.44 | 21.420 | 0.399 |
| 5/22/2025 9:00 | 3.096 | 3.321 | 3.303 | 3.543 | 2.217 | 3.443 | 51.87 | 52.23 | 51.35 | 53.10 | 51.68 | 53.45 | 21.150 | 0.399 |
| 5/22/2025 9:10 | 2.942 | 3.182 | 3.166 | 3.496 | 2.079 | 3.460 | 51.87 | 52.23 | 51.00 | 53.10 | 51.70 | 53.47 | 21.027 | 0.400 |
| 5/22/2025 9:20 | 2.809 | 3.026 | 3.019 | 3.439 | 1.934 | 3.447 | 51.87 | 52.23 | 50.64 | 53.10 | 51.72 | 53.48 | 21.010 | 0.400 |
| 5/22/2025 9:30 | 2.678 | 2.895 | 2.869 | 3.398 | 1.798 | 3.444 | 51.87 | 52.23 | 50.64 | 52.93 | 51.73 | 53.50 | 21.029 | 0.400 |
| 5/22/2025 9:40 | 2.564 | 2.777 | 2.753 | 3.388 | 1.677 | 3.443 | 51.87 | 52.23 | 50.64 | 52.93 | 51.75 | 53.51 | 21.039 | 0.401 |
| 5/22/2025 9:50 | 2.454 | 2.670 | 2.647 | 3.376 | 1.568 | 3.438 | 51.87 | 52.23 | 50.64 | 52.93 | 51.77 | 53.53 | 21.044 | 0.401 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/22/2025 10:00 | 2.346 | 2.573 | 2.548 | 3.371 | 1.465 | 3.441 | 51.87 | 52.23 | 50.82 | 52.93 | 51.79 | 53.54 | 21.055 | 0.401 |
| 5/22/2025 10:10 | 2.263 | 2.485 | 2.465 | 3.371 | 1.379 | 3.450 | 51.87 | 52.23 | 51.00 | 52.93 | 51.83 | 53.56 | 21.059 | 0.402 |
| 5/22/2025 10:20 | 2.174 | 2.398 | 2.378 | 3.364 | 1.294 | 3.439 | 51.87 | 52.23 | 51.00 | 52.93 | 51.87 | 53.58 | 21.061 | 0.402 |
| 5/22/2025 10:30 | 2.090 | 2.328 | 2.305 | 3.364 | 1.221 | 3.438 | 51.87 | 52.23 | 51.17 | 52.93 | 51.93 | 53.59 | 21.060 | 0.402 |
| 5/22/2025 10:40 | 2.019 | 2.258 | 2.239 | 3.358 | 1.143 | 3.452 | 52.05 | 52.05 | 51.35 | 52.93 | 52.00 | 53.61 | 21.064 | 0.403 |
| 5/22/2025 10:50 | 1.949 | 2.194 | 2.176 | 3.356 | 1.073 | 3.447 | 52.05 | 52.05 | 51.52 | 52.93 | 52.07 | 53.63 | 21.074 | 0.403 |
| 5/22/2025 11:00 | 1.887 | 2.137 | 2.123 | 3.361 | 1.013 | 3.444 | 52.05 | 52.05 | 51.70 | 52.93 | 52.14 | 53.64 | 21.081 | 0.403 |
| 5/22/2025 11:10 | 1.829 | 2.085 | 2.081 | 3.358 | 0.963 | 3.449 | 52.05 | 52.05 | 51.87 | 52.93 | 52.19 | 53.65 | 21.107 | 0.404 |
| 5/22/2025 11:20 | 1.763 | 2.036 | 2.027 | 3.355 | 0.897 | 3.437 | 52.05 | 52.05 | 51.87 | 52.93 | 52.22 | 53.66 | 21.102 | 0.404 |
| 5/22/2025 11:30 | 1.717 | 1.999 | 2.006 | 3.360 | 0.858 | 3.447 | 52.23 | 52.05 | 52.05 | 52.93 | 52.25 | 53.68 | 21.109 | 0.404 |
| 5/22/2025 11:40 | 1.673 | 1.976 | 1.982 | 3.368 | 0.806 | 3.449 | 52.23 | 52.05 | 52.05 | 52.93 | 52.28 | 53.69 | 21.099 | 0.405 |
| 5/22/2025 11:50 | 1.625 | 1.956 | 1.956 | 3.371 | 0.768 | 3.457 | 52.23 | 52.05 | 52.05 | 52.93 | 52.30 | 53.70 | 21.103 | 0.405 |
| 5/22/2025 12:00 | 1.582 | 1.926 | 1.934 | 3.363 | 0.715 | 3.457 | 52.23 | 52.05 | 52.05 | 52.93 | 52.31 | 53.71 | 21.104 | 0.406 |
| 5/22/2025 12:10 | 1.539 | 1.907 | 1.927 | 3.367 | 0.676 | 3.454 | 52.23 | 52.05 | 52.05 | 52.75 | 52.32 | 53.72 | 21.080 | 0.406 |
| 5/22/2025 12:20 | 1.500 | 1.900 | 1.905 | 3.359 | 0.633 | 3.443 | 52.23 | 52.23 | 52.05 | 52.75 | 52.30 | 53.73 | 21.067 | 0.407 |
| 5/22/2025 12:30 | 1.463 | 1.899 | 1.908 | 3.366 | 0.607 | 3.454 | 52.23 | 52.23 | 51.87 | 52.75 | 52.28 | 53.74 | 21.088 | 0.407 |
| 5/22/2025 12:40 | 1.436 | 1.895 | 1.904 | 3.362 | 0.579 | 3.446 | 52.23 | 52.23 | 51.87 | 52.75 | 52.24 | 53.75 | 21.093 | 0.407 |
| 5/22/2025 12:50 | 1.403 | 1.894 | 1.911 | 3.361 | 0.552 | 3.446 | 52.23 | 52.23 | 51.87 | 52.75 | 52.20 | 53.76 | 21.103 | 0.408 |
| 5/22/2025 13:00 | 1.364 | 1.890 | 1.910 | 3.357 | 0.524 | 3.444 | 52.23 | 52.23 | 51.70 | 52.75 | 52.18 | 53.78 | 21.090 | 0.408 |
| 5/22/2025 13:10 | 1.334 | 1.892 | 1.905 | 3.355 | 0.506 | 3.443 | 52.23 | 52.23 | 51.70 | 52.75 | 52.17 | 53.79 | 21.103 | 0.409 |
| 5/22/2025 13:20 | 1.310 | 1.892 | 1.912 | 3.363 | 0.493 | 3.441 | 52.23 | 52.23 | 51.70 | 52.75 | 52.17 | 53.80 | 21.068 | 0.409 |
| 5/22/2025 13:30 | 1.285 | 1.899 | 1.911 | 3.353 | 0.473 | 3.450 | 52.23 | 52.23 | 51.52 | 52.75 | 52.16 | 53.81 | 21.018 | 0.409 |
| 5/22/2025 13:40 | 1.256 | 1.889 | 1.909 | 3.352 | 0.454 | 3.448 | 52.40 | 52.23 | 51.52 | 52.75 | 52.14 | 53.81 | 20.990 | 0.410 |
| 5/22/2025 13:50 | 1.240 | 1.900 | 1.916 | 3.355 | 0.450 | 3.453 | 52.40 | 52.23 | 51.52 | 52.75 | 52.13 | 53.82 | 20.914 | 0.410 |
| 5/22/2025 14:00 | 1.200 | 1.904 | 1.921 | 3.359 | 0.449 | 3.449 | 52.40 | 52.23 | 51.52 | 52.75 | 52.13 | 53.82 | 20.835 | 0.410 |
| 5/22/2025 14:10 | 1.192 | 1.912 | 1.925 | 3.363 | 0.448 | 3.450 | 52.40 | 52.23 | 51.52 | 52.75 | 52.12 | 53.83 | 20.776 | 0.411 |
| 5/22/2025 14:20 | 1.173 | 1.916 | 1.925 | 3.367 | 0.441 | 3.458 | 52.40 | 52.23 | 51.52 | 52.75 | 52.09 | 53.83 | 20.681 | 0.411 |
| 5/22/2025 14:30 | 1.157 | 1.912 | 1.925 | 3.371 | 0.434 | 3.453 | 52.58 | 52.23 | 51.52 | 52.75 | 52.06 | 53.84 | 20.515 | 0.412 |
| 5/22/2025 14:40 | 1.138 | 1.909 | 1.919 | 3.364 | 0.431 | 3.445 | 52.58 | 52.23 | 51.52 | 52.75 | 52.01 | 53.84 | 20.303 | 0.412 |
| 5/22/2025 14:50 | 1.126 | 1.916 | 1.926 | 3.367 | 0.435 | 3.449 | 52.58 | 52.23 | 51.52 | 52.75 | 51.97 | 53.85 | 20.093 | 0.413 |
| 5/22/2025 15:00 | 1.105 | 1.896 | 1.917 | 3.358 | 0.410 | 3.441 | 52.58 | 52.23 | 51.52 | 52.75 | 51.94 | 53.86 | 19.872 | 0.413 |
| 5/22/2025 15:10 | 1.093 | 1.904 | 1.925 | 3.362 | 0.424 | 3.447 | 52.58 | 52.23 | 51.52 | 52.75 | 51.92 | 53.86 | 19.553 | 0.414 |
| 5/22/2025 15:20 | 1.088 | 1.914 | 1.929 | 3.381 | 0.432 | 3.458 | 52.58 | 52.23 | 51.52 | 52.75 | 51.89 | 53.87 | 19.234 | 0.414 |
| 5/22/2025 15:30 | 1.069 | 1.903 | 1.922 | 3.366 | 0.418 | 3.455 | 52.58 | 52.23 | 51.52 | 52.75 | 51.88 | 53.87 | 19.042 | 0.415 |
| 5/22/2025 15:40 | 1.042 | 1.889 | 1.914 | 3.355 | 0.412 | 3.444 | 52.58 | 52.23 | 51.52 | 52.75 | 51.87 | 53.87 | 18.779 | 0.415 |
| 5/22/2025 15:50 | 1.028 | 1.886 | 1.904 | 3.356 | 0.398 | 3.441 | 52.58 | 52.23 | 51.52 | 52.75 | 51.85 | 53.88 | 18.677 | 0.416 |
| 5/22/2025 16:00 | 1.008 | 1.886 | 1.905 | 3.364 | 0.412 | 3.443 | 52.58 | 52.23 | 51.52 | 52.75 | 51.82 | 53.88 | 18.314 | 0.416 |
| 5/22/2025 16:10 | 1.002 | 1.884 | 1.899 | 3.354 | 0.403 | 3.446 | 52.58 | 52.23 | 51.52 | 52.75 | 51.79 | 53.89 | 17.994 | 0.417 |
| 5/22/2025 16:20 | 1.012 | 1.894 | 1.909 | 3.368 | 0.409 | 3.464 | 52.58 | 52.23 | 51.35 | 52.75 | 51.74 | 53.89 | 17.378 | 0.417 |
| 5/22/2025 16:30 | 0.982 | 1.884 | 1.895 | 3.358 | 0.395 | 3.441 | 52.58 | 52.23 | 51.35 | 52.75 | 51.70 | 53.89 | 16.746 | 0.418 |
| 5/22/2025 16:40 | 1.038 | 1.882 | 1.896 | 3.355 | 0.393 | 3.449 | 52.40 | 52.23 | 51.35 | 52.75 | 51.66 | 53.90 | 16.161 | 0.418 |
| 5/22/2025 16:50 | 1.078 | 1.882 | 1.893 | 3.352 | 0.392 | 3.447 | 52.40 | 52.23 | 51.17 | 52.75 | 51.61 | 53.90 | 15.740 | 0.419 |
| 5/22/2025 17:00 | 1.216 | 1.882 | 1.904 | 3.364 | 0.408 | 3.446 | 52.40 | 52.23 | 51.17 | 52.75 | 51.56 | 53.90 | 15.487 | 0.419 |
| 5/22/2025 17:10 | 1.343 | 1.887 | 1.901 | 3.361 | 0.442 | 3.452 | 52.40 | 52.23 | 51.00 | 52.75 | 51.51 | 53.91 | 15.418 | 0.420 |
| 5/22/2025 17:20 | 1.478 | 1.877 | 1.895 | 3.354 | 0.534 | 3.446 | 52.40 | 52.23 | 51.00 | 52.75 | 51.47 | 53.91 | 15.623 | 0.420 |
| 5/22/2025 17:30 | 1.792 | 1.896 | 1.905 | 3.373 | 0.717 | 3.475 | 52.23 | 52.23 | 50.82 | 52.75 | 51.44 | 53.92 | 16.131 | 0.421 |
| 5/22/2025 17:40 | 2.031 | 1.968 | 1.946 | 3.373 | 0.875 | 3.495 | 51.70 | 52.23 | 50.82 | 52.75 | 51.51 | 53.92 | 16.631 | 0.421 |
| 5/22/2025 17:50 | 2.350 | 2.114 | 2.094 | 3.369 | 1.035 | 3.530 | 51.52 | 52.23 | 50.64 | 52.75 | 51.28 | 53.92 | 21.962 | 0.422 |
| 5/22/2025 18:00 | 2.645 | 2.271 | 2.254 | 3.377 | 1.198 | 3.560 | 51.35 | 52.23 | 50.47 | 52.75 | 51.04 | 53.93 | 24.246 | 0.422 |
| 5/22/2025 18:10 | 2.893 | 2.436 | 2.422 | 3.385 | 1.370 | 3.566 | 51.17 | 52.23 | 50.47 | 52.75 | 50.95 | 53.94 | 25.159 | 0.421 |
| 5/22/2025 18:20 | 3.370 | 2.615 | 2.586 | 3.393 | 1.559 | 3.580 | 51.00 | 52.05 | 50.29 | 52.75 | 50.89 | 53.95 | 25.585 | 0.420 |
| 5/22/2025 18:30 | 3.603 | 2.780 | 2.750 | 3.400 | 1.699 | 3.577 | 51.00 | 52.05 | 50.29 | 52.75 | 50.90 | 53.95 | 25.974 | 0.419 |
| 5/22/2025 18:40 | 4.028 | 2.948 | 2.917 | 3.419 | 1.870 | 3.590 | 50.82 | 52.05 | 50.11 | 52.75 | 50.89 | 53.95 | 26.468 | 0.417 |
| 5/22/2025 18:50 | 4.408 | 3.094 | 3.063 | 3.420 | 2.025 | 3.582 | 50.82 | 52.05 | 50.11 | 52.75 | 50.81 | 53.95 | 26.895 | 0.414 |
| 5/22/2025 19:00 | 4.710 | 3.292 | 3.245 | 3.460 | 2.217 | 3.603 | 50.82 | 51.87 | 50.11 | 52.75 | 50.75 | 53.94 | 27.166 | 0.411 |
| 5/22/2025 19:10 | 4.995 | 3.418 | 3.377 | 3.464 | 2.336 | 3.599 | 50.82 | 51.70 | 50.11 | 52.75 | 50.72 | 53.93 | 27.346 | 0.409 |
| 5/22/2025 19:20 | 5.061 | 3.537 | 3.490 | 3.526 | 2.451 | 3.600 | 50.64 | 51.52 | 50.11 | 52.75 | 50.68 | 53.92 | 27.592 | 0.407 |
| 5/22/2025 19:30 | 5.183 | 3.636 | 3.591 | 3.611 | 2.550 | 3.601 | 50.64 | 51.52 | 49.94 | 52.75 | 50.62 | 53.90 | 27.797 | 0.406 |
| 5/22/2025 19:40 | 5.155 | 3.720 | 3.674 | 3.700 | 2.639 | 3.621 | 50.64 | 51.35 | 50.47 | 52.75 | 50.60 | 53.89 | 27.996 | 0.405 |
| 5/22/2025 19:50 | 5.444 | 3.773 | 3.741 | 3.758 | 2.701 | 3.614 | 50.64 | 51.35 | 51.00 | 52.75 | 50.58 | 53.87 | 28.138 | 0.407 |
| 5/22/2025 20:00 | 5.356 | 3.849 | 3.815 | 3.812 | 2.771 | 3.606 | 50.64 | 51.17 | 51.17 | 52.75 | 50.56 | 53.85 | 28.219 | 0.409 |
| 5/22/2025 20:10 | 5.272 | 3.911 | 3.873 | 3.858 | 2.841 | 3.601 | 50.64 | 51.17 | 51.17 | 52.75 | 50.55 | 53.83 | 28.315 | 0.411 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/22/2025 20:20 | 5.557 | 3.961 | 3.921 | 3.897 | 2.883 | 3.601 | 50.47 | 51.17 | 51.17 | 52.75 | 50.52 | 53.81 | 28.399 | 0.413 |
| 5/22/2025 20:30 | 5.283 | 4.010 | 3.975 | 3.935 | 2.925 | 3.599 | 50.47 | 51.00 | 51.00 | 52.75 | 50.52 | 53.78 | 28.410 | 0.416 |
| 5/22/2025 20:40 | 5.196 | 4.044 | 4.011 | 3.970 | 2.962 | 3.602 | 50.47 | 51.00 | 51.00 | 52.75 | 50.52 | 53.76 | 28.447 | 0.419 |
| 5/22/2025 20:50 | 5.227 | 4.098 | 4.059 | 4.013 | 3.011 | 3.601 | 50.47 | 51.00 | 51.00 | 52.75 | 50.51 | 53.74 | 28.478 | 0.421 |
| 5/22/2025 21:00 | 5.207 | 4.124 | 4.088 | 4.047 | 3.049 | 3.610 | 50.47 | 51.00 | 51.00 | 52.75 | 50.47 | 53.71 | 28.513 | 0.424 |
| 5/22/2025 21:10 | 5.247 | 4.155 | 4.117 | 4.067 | 3.066 | 3.601 | 50.47 | 50.82 | 50.82 | 52.75 | 50.45 | 53.68 | 28.518 | 0.424 |
| 5/22/2025 21:20 | 5.113 | 4.175 | 4.135 | 4.094 | 3.086 | 3.590 | 50.29 | 50.82 | 50.82 | 52.75 | 50.43 | 53.64 | 28.525 | 0.422 |
| 5/22/2025 21:30 | 4.930 | 4.205 | 4.164 | 4.117 | 3.118 | 3.604 | 50.29 | 50.82 | 50.82 | 52.75 | 50.45 | 53.60 | 28.511 | 0.419 |
| 5/22/2025 21:40 | 4.819 | 4.209 | 4.179 | 4.129 | 3.130 | 3.602 | 50.29 | 50.82 | 50.82 | 52.75 | 50.45 | 53.54 | 28.534 | 0.413 |
| 5/22/2025 21:50 | 4.730 | 4.234 | 4.212 | 4.159 | 3.157 | 3.611 | 50.29 | 50.82 | 50.82 | 52.75 | 50.43 | 53.49 | 28.534 | 0.405 |
| 5/22/2025 22:00 | 4.604 | 4.258 | 4.226 | 4.163 | 3.162 | 3.604 | 50.29 | 50.82 | 50.64 | 52.75 | 50.42 | 53.44 | 28.540 | 0.394 |
| 5/22/2025 22:10 | 4.521 | 4.265 | 4.240 | 4.191 | 3.177 | 3.599 | 50.47 | 50.82 | 50.64 | 52.40 | 50.40 | 53.38 | 28.533 | 0.385 |
| 5/22/2025 22:20 | 4.430 | 4.287 | 4.248 | 4.200 | 3.193 | 3.592 | 50.47 | 50.82 | 50.64 | 52.05 | 50.40 | 53.30 | 28.491 | 0.380 |
| 5/22/2025 22:30 | 4.338 | 4.303 | 4.262 | 4.227 | 3.203 | 3.578 | 50.29 | 50.82 | 50.64 | 52.05 | 50.39 | 53.23 | 28.491 | 0.378 |
| 5/22/2025 22:40 | 4.220 | 4.292 | 4.263 | 4.220 | 3.204 | 3.556 | 50.29 | 50.82 | 50.64 | 52.05 | 50.37 | 53.17 | 28.447 | 0.381 |
| 5/22/2025 22:50 | 4.146 | 4.313 | 4.292 | 4.260 | 3.210 | 3.585 | 50.29 | 50.82 | 50.64 | 51.87 | 50.36 | 53.12 | 28.439 | 0.384 |
| 5/22/2025 23:00 | 4.024 | 4.264 | 4.248 | 4.264 | 3.148 | 3.588 | 50.29 | 50.82 | 50.64 | 51.87 | 50.35 | 53.06 | 28.286 | 0.389 |
| 5/22/2025 23:10 | 3.897 | 4.176 | 4.160 | 4.252 | 3.052 | 3.587 | 50.11 | 51.00 | 50.64 | 51.87 | 50.28 | 53.03 | 28.041 | 0.393 |
| 5/22/2025 23:20 | 3.758 | 4.060 | 4.051 | 4.233 | 2.931 | 3.581 | 50.11 | 51.00 | 50.64 | 51.87 | 50.23 | 52.99 | 27.919 | 0.397 |
| 5/22/2025 23:30 | 3.611 | 3.925 | 3.918 | 4.210 | 2.782 | 3.578 | 49.94 | 51.00 | 50.29 | 52.05 | 50.24 | 52.95 | 27.452 | 0.402 |
| 5/22/2025 23:40 | 3.445 | 3.780 | 3.793 | 4.194 | 2.629 | 3.604 | 49.94 | 51.00 | 49.94 | 52.05 | 50.23 | 52.92 | 26.801 | 0.408 |
| 5/22/2025 23:50 | 3.293 | 3.641 | 3.667 | 4.182 | 2.469 | 3.648 | 49.94 | 51.00 | 49.58 | 52.05 | 50.22 | 52.89 | 26.734 | 0.409 |
| 5/23/2025 0:00 | 3.124 | 3.502 | 3.525 | 4.147 | 2.318 | 3.670 | 49.94 | 51.00 | 49.40 | 52.05 | 50.14 | 52.88 | 26.321 | 0.413 |
| 5/23/2025 0:10 | 2.996 | 3.383 | 3.433 | 4.146 | 2.187 | 3.712 | 49.94 | 50.82 | 49.23 | 52.05 | 49.96 | 52.86 | 22.523 | 0.413 |
| 5/23/2025 0:20 | 2.874 | 3.260 | 3.308 | 4.120 | 2.048 | 3.720 | 49.94 | 50.82 | 48.87 | 52.23 | 49.83 | 52.78 | 21.074 | 0.407 |
| 5/23/2025 0:30 | 2.744 | 3.157 | 3.213 | 4.109 | 1.924 | 3.725 | 49.76 | 50.82 | 48.70 | 52.23 | 49.75 | 52.69 | 18.827 | 0.402 |
| 5/23/2025 0:40 | 2.632 | 3.056 | 3.106 | 4.092 | 1.815 | 3.714 | 49.76 | 50.64 | 48.52 | 52.23 | 49.66 | 52.66 | 18.474 | 0.405 |
| 5/23/2025 0:50 | 2.537 | 2.960 | 3.015 | 4.084 | 1.720 | 3.705 | 49.76 | 50.64 | 48.52 | 52.23 | 49.56 | 52.55 | 17.958 | 0.394 |
| 5/23/2025 1:00 | 2.449 | 2.883 | 2.949 | 4.072 | 1.628 | 3.696 | 49.76 | 50.64 | 48.34 | 52.23 | 49.45 | 52.41 | 17.558 | 0.379 |
| 5/23/2025 1:10 | 2.367 | 2.811 | 2.875 | 4.049 | 1.536 | 3.669 | 49.76 | 50.64 | 48.34 | 52.23 | 49.32 | 52.34 | 17.067 | 0.376 |
| 5/23/2025 1:20 | 2.279 | 2.741 | 2.816 | 4.033 | 1.456 | 3.652 | 49.58 | 50.47 | 48.16 | 52.23 | 49.22 | 52.24 | 16.274 | 0.372 |
| 5/23/2025 1:30 | 2.223 | 2.706 | 2.784 | 4.036 | 1.399 | 3.660 | 49.58 | 50.47 | 48.16 | 52.23 | 49.15 | 52.13 | 16.745 | 0.369 |
| 5/23/2025 1:40 | 2.137 | 2.646 | 2.729 | 4.006 | 1.321 | 3.643 | 49.58 | 50.47 | 48.16 | 52.23 | 49.08 | 52.06 | 17.659 | 0.368 |
| 5/23/2025 1:50 | 2.101 | 2.629 | 2.715 | 4.009 | 1.293 | 3.652 | 49.58 | 50.29 | 48.16 | 52.23 | 49.01 | 51.96 | 18.144 | 0.365 |
| 5/23/2025 2:00 | 2.064 | 2.614 | 2.696 | 4.008 | 1.255 | 3.654 | 49.58 | 50.47 | 47.98 | 52.23 | 48.95 | 51.90 | 18.628 | 0.364 |
| 5/23/2025 2:10 | 2.006 | 2.576 | 2.670 | 3.994 | 1.206 | 3.637 | 49.58 | 50.29 | 47.98 | 52.23 | 48.90 | 51.88 | 19.251 | 0.366 |
| 5/23/2025 2:20 | 1.985 | 2.587 | 2.678 | 4.004 | 1.192 | 3.646 | 49.58 | 50.29 | 47.98 | 52.23 | 48.86 | 51.85 | 19.941 | 0.369 |
| 5/23/2025 2:30 | 1.947 | 2.564 | 2.667 | 3.990 | 1.149 | 3.646 | 49.58 | 50.29 | 47.98 | 52.23 | 48.84 | 51.82 | 20.555 | 0.372 |
| 5/23/2025 2:40 | 1.910 | 2.567 | 2.663 | 4.000 | 1.143 | 3.654 | 49.58 | 50.29 | 47.98 | 52.23 | 48.81 | 51.76 | 21.227 | 0.374 |
| 5/23/2025 2:50 | 1.897 | 2.578 | 2.681 | 4.004 | 1.126 | 3.662 | 49.40 | 50.29 | 47.98 | 52.23 | 48.78 | 51.69 | 21.632 | 0.373 |
| 5/23/2025 3:00 | 1.877 | 2.575 | 2.663 | 4.008 | 1.098 | 3.660 | 49.40 | 50.29 | 47.98 | 52.23 | 48.74 | 51.62 | 22.028 | 0.373 |
| 5/23/2025 3:10 | 1.842 | 2.559 | 2.656 | 3.996 | 1.078 | 3.645 | 49.40 | 50.11 | 47.98 | 52.23 | 48.70 | 51.57 | 21.560 | 0.371 |
| 5/23/2025 3:20 | 1.833 | 2.566 | 2.663 | 3.999 | 1.069 | 3.645 | 49.40 | 50.11 | 47.98 | 52.23 | 48.65 | 51.55 | 21.400 | 0.371 |
| 5/23/2025 3:30 | 1.820 | 2.562 | 2.670 | 4.014 | 1.063 | 3.641 | 49.40 | 50.11 | 47.80 | 52.23 | 48.62 | 51.55 | 20.975 | 0.370 |
| 5/23/2025 3:40 | 1.788 | 2.566 | 2.674 | 4.003 | 1.037 | 3.627 | 49.23 | 50.11 | 47.80 | 52.23 | 48.62 | 51.54 | 21.751 | 0.372 |
| 5/23/2025 3:50 | 1.784 | 2.581 | 2.692 | 4.014 | 1.044 | 3.622 | 49.23 | 50.11 | 47.80 | 52.23 | 48.61 | 51.54 | 21.940 | 0.375 |
| 5/23/2025 4:00 | 1.762 | 2.566 | 2.682 | 3.999 | 1.012 | 3.607 | 49.23 | 49.94 | 47.80 | 52.23 | 48.61 | 51.54 | 22.119 | 0.379 |
| 5/23/2025 4:10 | 1.761 | 2.585 | 2.711 | 4.011 | 1.026 | 3.607 | 49.05 | 49.94 | 47.80 | 52.23 | 48.60 | 51.55 | 22.238 | 0.385 |
| 5/23/2025 4:20 | 1.738 | 2.589 | 2.704 | 4.003 | 1.013 | 3.600 | 49.05 | 49.94 | 47.80 | 52.23 | 48.59 | 51.55 | 22.416 | 0.392 |
| 5/23/2025 4:30 | 1.775 | 2.619 | 2.737 | 4.025 | 1.033 | 3.619 | 49.05 | 49.94 | 47.80 | 52.23 | 48.58 | 51.55 | 22.365 | 0.399 |
| 5/23/2025 4:40 | 1.763 | 2.638 | 2.751 | 4.033 | 1.043 | 3.620 | 48.87 | 49.94 | 47.80 | 52.23 | 48.56 | 51.55 | 22.296 | 0.406 |
| 5/23/2025 4:50 | 1.767 | 2.634 | 2.751 | 4.026 | 1.056 | 3.611 | 48.87 | 49.94 | 47.80 | 52.23 | 48.55 | 51.56 | 22.356 | 0.413 |
| 5/23/2025 5:00 | 1.841 | 2.653 | 2.758 | 4.033 | 1.084 | 3.609 | 48.87 | 49.94 | 47.62 | 52.23 | 48.55 | 51.55 | 22.295 | 0.419 |
| 5/23/2025 5:10 | 1.966 | 2.668 | 2.776 | 4.036 | 1.150 | 3.613 | 48.70 | 49.94 | 47.62 | 52.23 | 48.53 | 51.55 | 22.170 | 0.423 |
| 5/23/2025 5:20 | 2.081 | 2.703 | 2.802 | 4.033 | 1.281 | 3.606 | 48.70 | 49.94 | 47.62 | 52.23 | 48.53 | 51.55 | 22.169 | 0.428 |
| 5/23/2025 5:30 | 2.428 | 2.742 | 2.842 | 4.022 | 1.439 | 3.589 | 48.52 | 49.94 | 47.62 | 52.23 | 48.51 | 51.55 | 22.029 | 0.435 |
| 5/23/2025 5:40 | 3.042 | 2.960 | 2.984 | 4.036 | 1.798 | 3.600 | 48.52 | 49.94 | 47.62 | 52.23 | 48.48 | 51.54 | 21.729 | 0.442 |
| 5/23/2025 5:50 | 3.201 | 3.167 | 3.174 | 4.022 | 2.008 | 3.578 | 48.52 | 49.76 | 47.62 | 52.23 | 48.40 | 51.54 | 21.324 | 0.448 |
| 5/23/2025 6:00 | 3.472 | 3.431 | 3.407 | 4.036 | 2.321 | 3.581 | 49.23 | 49.76 | 47.62 | 52.05 | 48.38 | 51.53 | 21.153 | 0.453 |
| 5/23/2025 6:10 | 3.904 | 3.638 | 3.615 | 4.037 | 2.557 | 3.574 | 49.58 | 49.76 | 47.62 | 52.23 | 48.63 | 51.52 | 20.818 | 0.457 |
| 5/23/2025 6:20 | 4.007 | 3.814 | 3.790 | 4.052 | 2.744 | 3.576 | 49.58 | 49.76 | 47.62 | 52.05 | 48.95 | 51.52 | 22.412 | 0.461 |
| 5/23/2025 6:30 | 4.074 | 3.987 | 3.983 | 4.082 | 2.935 | 3.571 | 49.76 | 49.76 | 47.62 | 52.05 | 49.13 | 51.51 | 23.025 | 0.465 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/23/2025 6:40 | 4.690 | 4.121 | 4.108 | 4.121 | 3.063 | 3.585 | 49.76 | 49.94 | 47.62 | 52.05 | 49.25 | 51.52 | 23.441 | 0.469 |
| 5/23/2025 6:50 | 4.444 | 4.243 | 4.213 | 4.194 | 3.176 | 3.596 | 49.76 | 49.76 | 47.62 | 52.05 | 49.36 | 51.52 | 23.734 | 0.474 |
| 5/23/2025 7:00 | 4.887 | 4.301 | 4.264 | 4.225 | 3.239 | 3.570 | 49.76 | 49.76 | 47.62 | 52.05 | 49.47 | 51.53 | 24.050 | 0.479 |
| 5/23/2025 7:10 | 4.512 | 4.366 | 4.330 | 4.260 | 3.293 | 3.569 | 49.76 | 49.76 | 47.62 | 52.05 | 49.53 | 51.54 | 24.358 | 0.482 |
| 5/23/2025 7:20 | 5.330 | 4.432 | 4.399 | 4.299 | 3.363 | 3.576 | 49.76 | 49.94 | 47.62 | 52.05 | 49.60 | 51.54 | 24.640 | 0.487 |
| 5/23/2025 7:30 | 5.479 | 4.495 | 4.463 | 4.352 | 3.434 | 3.586 | 49.76 | 49.76 | 48.16 | 52.05 | 49.66 | 51.55 | 24.995 | 0.489 |
| 5/23/2025 7:40 | 5.195 | 4.539 | 4.501 | 4.376 | 3.470 | 3.567 | 49.94 | 49.94 | 48.52 | 52.05 | 49.70 | 51.56 | 25.183 | 0.494 |
| 5/23/2025 7:50 | 5.070 | 4.566 | 4.528 | 4.400 | 3.487 | 3.549 | 49.94 | 49.94 | 48.87 | 52.05 | 49.72 | 51.57 | 25.280 | 0.498 |
| 5/23/2025 8:00 | 5.447 | 4.634 | 4.601 | 4.448 | 3.565 | 3.576 | 49.94 | 49.94 | 49.05 | 52.05 | 49.77 | 51.58 | 25.594 | 0.503 |
| 5/23/2025 8:10 | 4.929 | 4.679 | 4.646 | 4.483 | 3.599 | 3.586 | 49.94 | 49.94 | 49.23 | 52.05 | 49.81 | 51.59 | 25.808 | 0.509 |
| 5/23/2025 8:20 | 5.170 | 4.699 | 4.664 | 4.510 | 3.609 | 3.579 | 49.94 | 49.94 | 49.40 | 52.05 | 49.81 | 51.60 | 25.927 | 0.513 |
| 5/23/2025 8:30 | 5.201 | 4.729 | 4.682 | 4.533 | 3.642 | 3.563 | 49.94 | 49.94 | 49.40 | 52.05 | 49.82 | 51.63 | 26.002 | 0.520 |
| 5/23/2025 8:40 | 4.797 | 4.744 | 4.704 | 4.560 | 3.656 | 3.575 | 49.94 | 49.94 | 49.58 | 52.05 | 49.82 | 51.65 | 26.019 | 0.528 |
| 5/23/2025 8:50 | 5.220 | 4.767 | 4.741 | 4.579 | 3.674 | 3.575 | 49.94 | 50.11 | 49.58 | 52.05 | 49.83 | 51.66 | 26.010 | 0.535 |
| 5/23/2025 9:00 | 5.042 | 4.790 | 4.755 | 4.599 | 3.708 | 3.572 | 49.94 | 50.11 | 49.58 | 52.05 | 49.84 | 51.67 | 26.023 | 0.543 |
| 5/23/2025 9:10 | 4.929 | 4.806 | 4.771 | 4.619 | 3.712 | 3.562 | 49.94 | 50.11 | 49.76 | 52.05 | 49.87 | 51.70 | 26.040 | 0.549 |
| 5/23/2025 9:20 | 5.110 | 4.810 | 4.785 | 4.637 | 3.731 | 3.567 | 49.94 | 50.11 | 49.76 | 51.87 | 49.90 | 51.72 | 26.067 | 0.554 |
| 5/23/2025 9:30 | 4.814 | 4.809 | 4.777 | 4.645 | 3.714 | 3.555 | 49.94 | 50.11 | 49.76 | 51.87 | 49.93 | 51.73 | 26.127 | 0.560 |
| 5/23/2025 9:40 | 4.793 | 4.808 | 4.791 | 4.674 | 3.719 | 3.574 | 50.11 | 50.11 | 49.76 | 51.87 | 49.94 | 51.76 | 26.173 | 0.567 |
| 5/23/2025 9:50 | 4.496 | 4.765 | 4.746 | 4.686 | 3.643 | 3.579 | 50.11 | 50.11 | 49.76 | 51.87 | 49.94 | 51.78 | 26.182 | 0.574 |
| 5/23/2025 10:00 | 4.437 | 4.661 | 4.658 | 4.689 | 3.550 | 3.573 | 50.11 | 50.11 | 49.76 | 51.87 | 49.94 | 51.79 | 25.851 | 0.580 |
| 5/23/2025 10:10 | 4.274 | 4.603 | 4.599 | 4.692 | 3.450 | 3.582 | 50.11 | 50.11 | 49.76 | 51.87 | 49.94 | 51.81 | 25.391 | 0.584 |
| 5/23/2025 10:20 | 4.108 | 4.503 | 4.522 | 4.685 | 3.319 | 3.574 | 50.11 | 50.29 | 49.58 | 51.87 | 49.94 | 51.83 | 24.992 | 0.588 |
| 5/23/2025 10:30 | 4.021 | 4.368 | 4.425 | 4.668 | 3.204 | 3.575 | 50.11 | 50.29 | 49.40 | 51.87 | 49.98 | 51.86 | 22.952 | 0.593 |
| 5/23/2025 10:40 | 3.850 | 4.252 | 4.322 | 4.659 | 3.060 | 3.568 | 50.11 | 50.29 | 49.40 | 51.87 | 49.99 | 51.86 | 20.899 | 0.596 |
| 5/23/2025 10:50 | 3.702 | 4.124 | 4.193 | 4.646 | 2.918 | 3.569 | 50.11 | 50.29 | 49.58 | 51.87 | 49.99 | 51.88 | 19.850 | 0.599 |
| 5/23/2025 11:00 | 3.546 | 3.994 | 4.066 | 4.623 | 2.778 | 3.565 | 50.29 | 50.29 | 49.76 | 51.87 | 50.02 | 51.90 | 20.554 | 0.601 |
| 5/23/2025 11:10 | 3.410 | 3.870 | 3.945 | 4.615 | 2.627 | 3.566 | 50.29 | 50.29 | 49.94 | 51.87 | 50.03 | 51.92 | 18.892 | 0.605 |
| 5/23/2025 11:20 | 3.260 | 3.747 | 3.824 | 4.595 | 2.481 | 3.561 | 50.29 | 50.29 | 50.11 | 51.87 | 50.06 | 51.94 | 20.765 | 0.607 |
| 5/23/2025 11:30 | 3.137 | 3.630 | 3.718 | 4.582 | 2.352 | 3.567 | 50.47 | 50.29 | 50.29 | 51.87 | 50.13 | 51.95 | 20.937 | 0.609 |
| 5/23/2025 11:40 | 3.006 | 3.522 | 3.619 | 4.569 | 2.217 | 3.558 | 50.47 | 50.29 | 50.47 | 51.87 | 50.20 | 51.97 | 21.581 | 0.611 |
| 5/23/2025 11:50 | 2.873 | 3.403 | 3.506 | 4.546 | 2.098 | 3.551 | 50.64 | 50.29 | 50.64 | 51.70 | 50.27 | 51.99 | 21.886 | 0.614 |
| 5/23/2025 12:00 | 2.769 | 3.318 | 3.422 | 4.529 | 1.981 | 3.555 | 50.64 | 50.29 | 50.82 | 51.70 | 50.35 | 52.00 | 21.803 | 0.616 |
| 5/23/2025 12:10 | 2.661 | 3.227 | 3.332 | 4.514 | 1.874 | 3.545 | 50.82 | 50.29 | 51.00 | 51.70 | 50.42 | 52.02 | 21.883 | 0.618 |
| 5/23/2025 12:20 | 2.564 | 3.145 | 3.272 | 4.498 | 1.782 | 3.548 | 50.82 | 50.29 | 51.00 | 51.70 | 50.48 | 52.04 | 21.944 | 0.619 |
| 5/23/2025 12:30 | 2.478 | 3.088 | 3.208 | 4.486 | 1.685 | 3.557 | 50.82 | 50.29 | 51.17 | 51.70 | 50.55 | 52.05 | 21.993 | 0.622 |
| 5/23/2025 12:40 | 2.383 | 3.015 | 3.130 | 4.451 | 1.600 | 3.546 | 50.82 | 50.47 | 51.17 | 51.70 | 50.61 | 52.06 | 21.930 | 0.623 |
| 5/23/2025 12:50 | 2.313 | 2.963 | 3.073 | 4.437 | 1.532 | 3.544 | 50.82 | 50.47 | 51.17 | 51.70 | 50.64 | 52.08 | 22.001 | 0.625 |
| 5/23/2025 13:00 | 2.257 | 2.908 | 3.028 | 4.431 | 1.473 | 3.551 | 50.82 | 50.47 | 51.17 | 51.70 | 50.67 | 52.09 | 21.976 | 0.627 |
| 5/23/2025 13:10 | 2.201 | 2.880 | 2.999 | 4.411 | 1.407 | 3.559 | 51.00 | 50.47 | 51.35 | 51.70 | 50.70 | 52.10 | 22.071 | 0.629 |
| 5/23/2025 13:20 | 2.126 | 2.849 | 2.980 | 4.395 | 1.350 | 3.542 | 51.00 | 50.47 | 51.52 | 51.70 | 50.74 | 52.12 | 22.075 | 0.631 |
| 5/23/2025 13:30 | 2.076 | 2.800 | 2.927 | 4.373 | 1.302 | 3.549 | 51.17 | 50.47 | 51.70 | 51.70 | 50.81 | 52.13 | 22.072 | 0.633 |
| 5/23/2025 13:40 | 2.030 | 2.766 | 2.888 | 4.353 | 1.250 | 3.543 | 51.35 | 50.64 | 51.87 | 51.70 | 50.85 | 52.15 | 21.947 | 0.635 |
| 5/23/2025 13:50 | 1.990 | 2.742 | 2.852 | 4.345 | 1.220 | 3.544 | 51.52 | 50.64 | 52.05 | 51.70 | 50.95 | 52.16 | 21.925 | 0.637 |
| 5/23/2025 14:00 | 1.941 | 2.717 | 2.828 | 4.316 | 1.169 | 3.536 | 51.52 | 50.64 | 52.23 | 51.70 | 51.06 | 52.18 | 21.871 | 0.638 |
| 5/23/2025 14:10 | 1.902 | 2.691 | 2.808 | 4.304 | 1.139 | 3.545 | 51.52 | 50.64 | 52.58 | 51.70 | 51.21 | 52.19 | 21.834 | 0.639 |
| 5/23/2025 14:20 | 1.875 | 2.661 | 2.781 | 4.286 | 1.109 | 3.544 | 51.52 | 50.64 | 52.93 | 51.70 | 51.34 | 52.21 | 21.695 | 0.640 |
| 5/23/2025 14:30 | 1.849 | 2.643 | 2.743 | 4.271 | 1.081 | 3.542 | 51.70 | 50.82 | 53.27 | 51.70 | 51.47 | 52.23 | 21.518 | 0.642 |
| 5/23/2025 14:40 | 1.829 | 2.626 | 2.739 | 4.262 | 1.063 | 3.549 | 51.87 | 50.82 | 53.62 | 51.70 | 51.62 | 52.25 | 21.385 | 0.643 |
| 5/23/2025 14:50 | 1.791 | 2.604 | 2.720 | 4.244 | 1.038 | 3.547 | 51.87 | 50.82 | 53.97 | 51.70 | 51.76 | 52.27 | 21.251 | 0.644 |
| 5/23/2025 15:00 | 1.763 | 2.592 | 2.698 | 4.224 | 1.005 | 3.545 | 52.05 | 51.00 | 54.32 | 51.70 | 51.89 | 52.29 | 21.158 | 0.646 |
| 5/23/2025 15:10 | 1.742 | 2.571 | 2.686 | 4.206 | 0.992 | 3.555 | 52.23 | 51.00 | 54.50 | 51.70 | 52.04 | 52.30 | 21.046 | 0.647 |
| 5/23/2025 15:20 | 1.714 | 2.551 | 2.641 | 4.190 | 0.969 | 3.542 | 52.40 | 51.00 | 54.67 | 51.70 | 52.20 | 52.32 | 20.952 | 0.648 |
| 5/23/2025 15:30 | 1.692 | 2.530 | 2.647 | 4.176 | 0.958 | 3.545 | 52.40 | 51.17 | 54.67 | 51.70 | 52.36 | 52.34 | 20.855 | 0.649 |
| 5/23/2025 15:40 | 1.664 | 2.522 | 2.625 | 4.152 | 0.928 | 3.543 | 52.58 | 51.17 | 54.84 | 51.70 | 52.51 | 52.35 | 20.751 | 0.650 |
| 5/23/2025 15:50 | 1.649 | 2.506 | 2.620 | 4.147 | 0.917 | 3.544 | 52.75 | 51.35 | 54.67 | 51.70 | 52.65 | 52.37 | 20.682 | 0.651 |
| 5/23/2025 16:00 | 1.626 | 2.488 | 2.595 | 4.122 | 0.900 | 3.546 | 52.75 | 51.35 | 54.67 | 51.70 | 52.77 | 52.39 | 20.585 | 0.652 |
| 5/23/2025 16:10 | 1.612 | 2.481 | 2.578 | 4.103 | 0.886 | 3.540 | 52.93 | 51.35 | 54.67 | 51.70 | 52.85 | 52.40 | 20.481 | 0.653 |
| 5/23/2025 16:20 | 1.584 | 2.458 | 2.565 | 4.083 | 0.865 | 3.534 | 52.93 | 51.52 | 54.50 | 51.70 | 52.92 | 52.41 | 20.404 | 0.654 |
| 5/23/2025 16:30 | 1.573 | 2.451 | 2.555 | 4.060 | 0.855 | 3.529 | 52.93 | 51.52 | 54.32 | 51.70 | 52.97 | 52.42 | 20.309 | 0.654 |
| 5/23/2025 16:40 | 1.560 | 2.434 | 2.534 | 4.039 | 0.836 | 3.536 | 53.10 | 51.70 | 54.15 | 51.70 | 53.02 | 52.44 | 20.228 | 0.655 |
| 5/23/2025 16:50 | 1.540 | 2.426 | 2.515 | 4.023 | 0.824 | 3.535 | 53.10 | 51.70 | 54.15 | 51.70 | 53.06 | 52.45 | 20.078 | 0.656 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/23/2025 17:00 | 1.521 | 2.408 | 2.500 | 4.001 | 0.817 | 3.526 | 53.10 | 51.70 | 53.97 | 51.70 | 53.07 | 52.46 | 19.960 | 0.656 |
| 5/23/2025 17:10 | 1.509 | 2.397 | 2.479 | 3.982 | 0.806 | 3.538 | 53.10 | 51.87 | 53.97 | 51.70 | 53.08 | 52.47 | 19.844 | 0.656 |
| 5/23/2025 17:20 | 1.500 | 2.388 | 2.485 | 3.969 | 0.804 | 3.539 | 52.93 | 51.87 | 53.80 | 51.70 | 53.07 | 52.49 | 19.756 | 0.657 |
| 5/23/2025 17:30 | 1.501 | 2.363 | 2.457 | 3.943 | 0.787 | 3.533 | 52.93 | 51.87 | 53.80 | 51.70 | 53.05 | 52.50 | 19.658 | 0.658 |
| 5/23/2025 17:40 | 1.551 | 2.357 | 2.441 | 3.926 | 0.795 | 3.541 | 52.93 | 51.87 | 53.80 | 51.70 | 53.03 | 52.51 | 19.597 | 0.659 |
| 5/23/2025 17:50 | 1.629 | 2.345 | 2.432 | 3.903 | 0.892 | 3.535 | 52.93 | 51.87 | 53.62 | 51.70 | 53.01 | 52.52 | 19.524 | 0.659 |
| 5/23/2025 18:00 | 1.898 | 2.354 | 2.426 | 3.880 | 1.037 | 3.534 | 53.10 | 52.05 | 53.62 | 51.70 | 52.99 | 52.53 | 19.433 | 0.660 |
| 5/23/2025 18:10 | 2.094 | 2.406 | 2.452 | 3.863 | 1.184 | 3.543 | 53.10 | 52.05 | 53.45 | 51.87 | 52.97 | 52.55 | 19.373 | 0.661 |
| 5/23/2025 18:20 | 2.502 | 2.579 | 2.588 | 3.833 | 1.543 | 3.537 | 53.10 | 52.05 | 53.45 | 51.87 | 52.96 | 52.56 | 19.304 | 0.662 |
| 5/23/2025 18:30 | 2.958 | 2.874 | 2.833 | 3.818 | 1.830 | 3.540 | 51.70 | 52.05 | 53.45 | 51.87 | 52.93 | 52.56 | 19.278 | 0.663 |
| 5/23/2025 18:40 | 3.395 | 3.167 | 3.176 | 3.800 | 2.122 | 3.534 | 51.17 | 52.05 | 53.45 | 51.87 | 52.69 | 52.58 | 19.243 | 0.664 |
| 5/23/2025 18:50 | 3.689 | 3.466 | 3.454 | 3.788 | 2.398 | 3.540 | 50.64 | 52.05 | 53.45 | 51.87 | 52.07 | 52.59 | 20.338 | 0.665 |
| 5/23/2025 19:00 | 3.978 | 3.681 | 3.670 | 3.797 | 2.613 | 3.534 | 50.29 | 52.05 | 53.45 | 51.87 | 51.44 | 52.59 | 22.671 | 0.666 |
| 5/23/2025 19:10 | 4.496 | 3.852 | 3.832 | 3.852 | 2.813 | 3.540 | 50.11 | 52.23 | 53.62 | 51.87 | 50.84 | 52.61 | 25.184 | 0.667 |
| 5/23/2025 19:20 | 4.488 | 3.998 | 3.954 | 3.938 | 2.937 | 3.536 | 49.94 | 52.23 | 53.62 | 51.87 | 50.63 | 52.62 | 25.966 | 0.668 |
| 5/23/2025 19:30 | 4.390 | 4.115 | 4.057 | 4.009 | 3.042 | 3.541 | 49.76 | 52.23 | 53.62 | 51.87 | 50.64 | 52.62 | 26.260 | 0.669 |
| 5/23/2025 19:40 | 4.722 | 4.219 | 4.166 | 4.072 | 3.152 | 3.536 | 49.76 | 52.05 | 53.45 | 51.87 | 50.68 | 52.63 | 26.577 | 0.670 |
| 5/23/2025 19:50 | 5.249 | 4.316 | 4.256 | 4.124 | 3.250 | 3.543 | 49.58 | 51.87 | 52.75 | 51.87 | 50.35 | 52.64 | 27.612 | 0.671 |
| 5/23/2025 20:00 | 5.088 | 4.382 | 4.331 | 4.168 | 3.311 | 3.544 | 49.40 | 51.52 | 51.87 | 51.87 | 50.25 | 52.65 | 27.646 | 0.672 |
| 5/23/2025 20:10 | 5.215 | 4.427 | 4.383 | 4.196 | 3.367 | 3.537 | 49.40 | 51.00 | 51.35 | 51.87 | 50.16 | 52.65 | 27.690 | 0.673 |
| 5/23/2025 20:20 | 5.250 | 4.481 | 4.436 | 4.223 | 3.408 | 3.535 | 49.40 | 50.82 | 50.82 | 51.87 | 50.03 | 52.66 | 27.852 | 0.673 |
| 5/23/2025 20:30 | 5.335 | 4.516 | 4.477 | 4.259 | 3.443 | 3.529 | 49.40 | 50.64 | 50.64 | 51.87 | 49.80 | 52.67 | 28.151 | 0.673 |
| 5/23/2025 20:40 | 5.424 | 4.553 | 4.512 | 4.297 | 3.487 | 3.532 | 49.23 | 50.29 | 50.29 | 51.87 | 49.64 | 52.67 | 28.440 | 0.674 |
| 5/23/2025 20:50 | 5.362 | 4.581 | 4.540 | 4.326 | 3.513 | 3.530 | 49.23 | 50.11 | 50.11 | 51.87 | 49.52 | 52.68 | 28.664 | 0.675 |
| 5/23/2025 21:00 | 5.244 | 4.623 | 4.577 | 4.356 | 3.544 | 3.533 | 49.23 | 50.11 | 50.11 | 51.70 | 49.42 | 52.69 | 28.877 | 0.675 |
| 5/23/2025 21:10 | 5.260 | 4.651 | 4.602 | 4.384 | 3.571 | 3.529 | 49.05 | 49.94 | 49.94 | 51.70 | 49.30 | 52.69 | 29.098 | 0.675 |
| 5/23/2025 21:20 | 4.936 | 4.662 | 4.623 | 4.411 | 3.581 | 3.525 | 49.05 | 49.94 | 49.76 | 51.52 | 49.22 | 52.69 | 29.209 | 0.675 |
| 5/23/2025 21:30 | 5.027 | 4.686 | 4.648 | 4.438 | 3.608 | 3.526 | 49.05 | 49.94 | 49.58 | 51.52 | 49.15 | 52.70 | 29.300 | 0.676 |
| 5/23/2025 21:40 | 4.796 | 4.702 | 4.656 | 4.458 | 3.621 | 3.532 | 49.23 | 49.94 | 49.58 | 51.52 | 49.03 | 52.70 | 29.396 | 0.676 |
| 5/23/2025 21:50 | 4.788 | 4.698 | 4.664 | 4.482 | 3.630 | 3.529 | 49.05 | 49.76 | 49.58 | 51.52 | 49.10 | 52.70 | 29.394 | 0.676 |
| 5/23/2025 22:00 | 4.544 | 4.672 | 4.645 | 4.497 | 3.584 | 3.528 | 49.23 | 49.76 | 49.40 | 51.35 | 49.17 | 52.71 | 29.391 | 0.677 |
| 5/23/2025 22:10 | 4.369 | 4.625 | 4.598 | 4.512 | 3.503 | 3.539 | 49.23 | 49.76 | 49.40 | 51.35 | 49.23 | 52.71 | 29.384 | 0.677 |
| 5/23/2025 22:20 | 4.177 | 4.515 | 4.501 | 4.517 | 3.367 | 3.538 | 49.23 | 49.94 | 49.40 | 51.35 | 49.28 | 52.72 | 29.344 | 0.677 |
| 5/23/2025 22:30 | 4.008 | 4.363 | 4.370 | 4.499 | 3.197 | 3.525 | 49.23 | 50.11 | 49.58 | 51.35 | 49.30 | 52.72 | 29.245 | 0.678 |
| 5/23/2025 22:40 | 3.842 | 4.225 | 4.255 | 4.487 | 3.043 | 3.535 | 49.40 | 50.29 | 49.94 | 51.35 | 49.34 | 52.73 | 29.133 | 0.678 |
| 5/23/2025 22:50 | 3.689 | 4.071 | 4.103 | 4.464 | 2.886 | 3.542 | 49.58 | 50.29 | 50.29 | 51.52 | 49.42 | 52.73 | 28.745 | 0.679 |
| 5/23/2025 23:00 | 3.527 | 3.929 | 3.972 | 4.444 | 2.727 | 3.549 | 49.76 | 50.47 | 50.47 | 51.52 | 49.52 | 52.73 | 28.536 | 0.679 |
| 5/23/2025 23:10 | 3.347 | 3.780 | 3.823 | 4.426 | 2.554 | 3.549 | 50.11 | 50.47 | 50.47 | 51.52 | 49.64 | 52.74 | 28.375 | 0.680 |
| 5/23/2025 23:20 | 3.186 | 3.618 | 3.677 | 4.402 | 2.386 | 3.552 | 50.29 | 50.47 | 50.47 | 51.52 | 49.77 | 52.74 | 28.284 | 0.680 |
| 5/23/2025 23:30 | 3.024 | 3.473 | 3.528 | 4.374 | 2.214 | 3.558 | 50.29 | 50.47 | 50.64 | 51.52 | 49.88 | 52.74 | 28.149 | 0.680 |
| 5/23/2025 23:40 | 2.874 | 3.327 | 3.400 | 4.347 | 2.062 | 3.558 | 50.29 | 50.64 | 50.64 | 51.52 | 49.97 | 52.74 | 28.042 | 0.681 |
| 5/23/2025 23:50 | 2.727 | 3.196 | 3.265 | 4.319 | 1.924 | 3.549 | 50.29 | 50.64 | 50.64 | 51.52 | 50.05 | 52.74 | 27.967 | 0.681 |
| 5/24/2025 0:00 | 2.601 | 3.085 | 3.147 | 4.301 | 1.780 | 3.554 | 50.29 | 50.64 | 50.64 | 51.70 | 50.12 | 52.75 | 27.925 | 0.681 |
| 5/24/2025 0:10 | 2.482 | 2.977 | 3.046 | 4.270 | 1.663 | 3.566 | 50.29 | 50.64 | 50.82 | 51.70 | 50.18 | 52.75 | 27.844 | 0.681 |
| 5/24/2025 0:20 | 2.396 | 2.897 | 2.962 | 4.258 | 1.568 | 3.592 | 50.47 | 50.64 | 50.82 | 51.70 | 50.23 | 52.75 | 27.818 | 0.677 |
| 5/24/2025 0:30 | 2.286 | 2.805 | 2.878 | 4.227 | 1.463 | 3.570 | 50.47 | 50.64 | 50.82 | 51.70 | 50.27 | 52.75 | 27.717 | 0.668 |
| 5/24/2025 0:40 | 2.202 | 2.740 | 2.820 | 4.215 | 1.382 | 3.589 | 50.47 | 50.82 | 50.82 | 51.70 | 50.31 | 52.75 | 27.682 | 0.657 |
| 5/24/2025 0:50 | 2.124 | 2.671 | 2.754 | 4.188 | 1.301 | 3.577 | 50.47 | 50.82 | 50.82 | 51.70 | 50.35 | 52.76 | 27.643 | 0.647 |
| 5/24/2025 1:00 | 2.046 | 2.614 | 2.693 | 4.158 | 1.229 | 3.565 | 50.47 | 50.82 | 50.82 | 51.70 | 50.40 | 52.76 | 27.589 | 0.635 |
| 5/24/2025 1:10 | 1.979 | 2.572 | 2.653 | 4.138 | 1.161 | 3.568 | 50.64 | 50.82 | 50.82 | 51.70 | 50.43 | 52.77 | 27.467 | 0.624 |
| 5/24/2025 1:20 | 1.924 | 2.534 | 2.613 | 4.122 | 1.113 | 3.581 | 50.64 | 50.82 | 50.82 | 51.70 | 50.46 | 52.77 | 27.370 | 0.614 |
| 5/24/2025 1:30 | 1.864 | 2.506 | 2.594 | 4.103 | 1.057 | 3.588 | 50.64 | 50.82 | 50.82 | 51.87 | 50.48 | 52.77 | 27.268 | 0.605 |
| 5/24/2025 1:40 | 1.813 | 2.468 | 2.557 | 4.076 | 1.016 | 3.581 | 50.64 | 50.82 | 50.64 | 51.87 | 50.50 | 52.78 | 27.162 | 0.594 |
| 5/24/2025 1:50 | 1.761 | 2.445 | 2.535 | 4.060 | 0.968 | 3.576 | 50.64 | 50.82 | 50.64 | 51.87 | 50.51 | 52.79 | 27.093 | 0.588 |
| 5/24/2025 2:00 | 1.706 | 2.414 | 2.495 | 4.029 | 0.921 | 3.567 | 50.64 | 50.82 | 50.64 | 51.87 | 50.51 | 52.79 | 26.977 | 0.584 |
| 5/24/2025 2:10 | 1.678 | 2.403 | 2.480 | 4.014 | 0.892 | 3.580 | 50.64 | 50.82 | 50.64 | 51.87 | 50.51 | 52.79 | 26.910 | 0.584 |
| 5/24/2025 2:20 | 1.642 | 2.384 | 2.466 | 3.990 | 0.864 | 3.575 | 50.64 | 50.82 | 50.64 | 51.87 | 50.51 | 52.79 | 26.811 | 0.582 |
| 5/24/2025 2:30 | 1.600 | 2.350 | 2.425 | 3.952 | 0.830 | 3.561 | 50.64 | 50.82 | 50.47 | 51.87 | 50.51 | 52.79 | 26.748 | 0.586 |
| 5/24/2025 2:40 | 1.575 | 2.349 | 2.425 | 3.940 | 0.810 | 3.570 | 50.64 | 50.82 | 50.47 | 51.87 | 50.50 | 52.79 | 26.669 | 0.590 |
| 5/24/2025 2:50 | 1.554 | 2.330 | 2.407 | 3.912 | 0.793 | 3.567 | 50.47 | 51.00 | 50.47 | 51.87 | 50.49 | 52.79 | 26.611 | 0.596 |
| 5/24/2025 3:00 | 1.526 | 2.318 | 2.388 | 3.889 | 0.770 | 3.567 | 50.47 | 50.82 | 50.47 | 51.87 | 50.48 | 52.79 | 26.573 | 0.601 |
| 5/24/2025 3:10 | 1.495 | 2.303 | 2.373 | 3.862 | 0.750 | 3.565 | 50.47 | 51.00 | 50.29 | 51.87 | 50.47 | 52.80 | 26.522 | 0.607 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/24/2025 3:20 | 1.468 | 2.287 | 2.359 | 3.839 | 0.733 | 3.556 | 50.47 | 50.82 | 50.29 | 51.87 | 50.46 | 52.80 | 26.469 | 0.614 |
| 5/24/2025 3:30 | 1.452 | 2.276 | 2.337 | 3.815 | 0.728 | 3.559 | 50.47 | 50.82 | 50.29 | 51.87 | 50.45 | 52.79 | 26.448 | 0.620 |
| 5/24/2025 3:40 | 1.424 | 2.261 | 2.330 | 3.796 | 0.708 | 3.556 | 50.47 | 50.82 | 50.29 | 51.87 | 50.43 | 52.79 | 26.430 | 0.626 |
| 5/24/2025 3:50 | 1.408 | 2.257 | 2.315 | 3.780 | 0.697 | 3.548 | 50.47 | 50.82 | 50.29 | 51.87 | 50.41 | 52.79 | 26.368 | 0.632 |
| 5/24/2025 4:00 | 1.392 | 2.249 | 2.301 | 3.760 | 0.689 | 3.549 | 50.47 | 50.82 | 50.29 | 51.87 | 50.40 | 52.79 | 26.343 | 0.637 |
| 5/24/2025 4:10 | 1.365 | 2.230 | 2.286 | 3.734 | 0.668 | 3.545 | 50.47 | 50.82 | 50.11 | 51.87 | 50.38 | 52.79 | 26.276 | 0.643 |
| 5/24/2025 4:20 | 1.353 | 2.226 | 2.282 | 3.722 | 0.660 | 3.549 | 50.47 | 50.82 | 50.11 | 51.87 | 50.36 | 52.79 | 26.199 | 0.647 |
| 5/24/2025 4:30 | 1.345 | 2.223 | 2.279 | 3.718 | 0.667 | 3.550 | 50.47 | 50.82 | 50.11 | 51.87 | 50.35 | 52.79 | 26.106 | 0.653 |
| 5/24/2025 4:40 | 1.325 | 2.211 | 2.271 | 3.695 | 0.645 | 3.540 | 50.29 | 50.82 | 50.11 | 51.87 | 50.33 | 52.79 | 26.002 | 0.657 |
| 5/24/2025 4:50 | 1.309 | 2.207 | 2.268 | 3.680 | 0.640 | 3.549 | 50.29 | 50.82 | 50.11 | 51.87 | 50.31 | 52.79 | 25.912 | 0.660 |
| 5/24/2025 5:00 | 1.294 | 2.196 | 2.268 | 3.672 | 0.642 | 3.543 | 50.29 | 50.82 | 50.11 | 51.87 | 50.30 | 52.79 | 25.834 | 0.664 |
| 5/24/2025 5:10 | 1.283 | 2.196 | 2.246 | 3.665 | 0.634 | 3.537 | 50.29 | 50.82 | 49.94 | 51.87 | 50.28 | 52.79 | 25.739 | 0.667 |
| 5/24/2025 5:20 | 1.266 | 2.192 | 2.245 | 3.657 | 0.619 | 3.548 | 50.29 | 50.82 | 49.94 | 51.87 | 50.27 | 52.79 | 25.625 | 0.671 |
| 5/24/2025 5:30 | 1.255 | 2.181 | 2.245 | 3.642 | 0.608 | 3.532 | 50.29 | 50.82 | 49.94 | 51.87 | 50.25 | 52.79 | 25.527 | 0.673 |
| 5/24/2025 5:40 | 1.251 | 2.181 | 2.238 | 3.638 | 0.613 | 3.537 | 50.29 | 50.82 | 49.94 | 51.87 | 50.23 | 52.79 | 25.474 | 0.676 |
| 5/24/2025 5:50 | 1.247 | 2.181 | 2.237 | 3.637 | 0.610 | 3.537 | 50.29 | 50.82 | 49.94 | 51.87 | 50.22 | 52.79 | 25.344 | 0.678 |
| 5/24/2025 6:00 | 1.232 | 2.173 | 2.230 | 3.626 | 0.608 | 3.535 | 50.29 | 50.82 | 49.94 | 51.87 | 50.20 | 52.79 | 25.168 | 0.680 |
| 5/24/2025 6:10 | 1.224 | 2.173 | 2.233 | 3.626 | 0.608 | 3.541 | 50.29 | 50.82 | 49.94 | 51.87 | 50.19 | 52.79 | 24.981 | 0.682 |
| 5/24/2025 6:20 | 1.220 | 2.169 | 2.226 | 3.622 | 0.601 | 3.543 | 50.29 | 50.82 | 49.94 | 51.87 | 50.18 | 52.78 | 24.822 | 0.683 |
| 5/24/2025 6:30 | 1.200 | 2.169 | 2.229 | 3.625 | 0.607 | 3.542 | 50.29 | 50.82 | 49.94 | 51.87 | 50.17 | 52.78 | 24.665 | 0.684 |
| 5/24/2025 6:40 | 1.412 | 2.169 | 2.225 | 3.617 | 0.626 | 3.548 | 50.29 | 50.82 | 49.94 | 51.87 | 50.16 | 52.78 | 24.525 | 0.685 |
| 5/24/2025 6:50 | 1.511 | 2.169 | 2.221 | 3.610 | 0.717 | 3.550 | 50.29 | 50.82 | 49.94 | 51.87 | 50.15 | 52.78 | 24.376 | 0.685 |
| 5/24/2025 7:00 | 1.803 | 2.165 | 2.218 | 3.603 | 0.848 | 3.543 | 50.11 | 50.82 | 49.94 | 51.87 | 50.14 | 52.78 | 24.271 | 0.686 |
| 5/24/2025 7:10 | 2.036 | 2.246 | 2.244 | 3.599 | 1.067 | 3.550 | 50.29 | 50.82 | 49.94 | 51.87 | 50.14 | 52.78 | 24.048 | 0.687 |
| 5/24/2025 7:20 | 2.421 | 2.452 | 2.411 | 3.595 | 1.379 | 3.540 | 49.94 | 50.82 | 49.94 | 51.87 | 50.14 | 52.78 | 23.898 | 0.688 |
| 5/24/2025 7:30 | 2.667 | 2.762 | 2.713 | 3.590 | 1.671 | 3.545 | 49.58 | 50.82 | 49.94 | 51.87 | 50.03 | 52.78 | 23.653 | 0.689 |
| 5/24/2025 7:40 | 3.037 | 3.060 | 3.026 | 3.597 | 1.980 | 3.542 | 49.40 | 50.82 | 49.94 | 51.87 | 49.89 | 52.78 | 23.505 | 0.690 |
| 5/24/2025 7:50 | 3.411 | 3.343 | 3.315 | 3.593 | 2.273 | 3.535 | 49.23 | 50.82 | 50.11 | 51.87 | 49.70 | 52.78 | 24.557 | 0.690 |
| 5/24/2025 8:00 | 3.711 | 3.577 | 3.537 | 3.631 | 2.505 | 3.546 | 49.23 | 50.82 | 50.11 | 51.87 | 49.35 | 52.79 | 25.841 | 0.691 |
| 5/24/2025 8:10 | 3.986 | 3.748 | 3.697 | 3.723 | 2.680 | 3.547 | 49.23 | 50.64 | 50.11 | 51.87 | 49.19 | 52.79 | 26.605 | 0.692 |
| 5/24/2025 8:20 | 4.203 | 3.882 | 3.835 | 3.835 | 2.806 | 3.546 | 49.23 | 50.64 | 50.11 | 51.87 | 49.25 | 52.79 | 26.710 | 0.693 |
| 5/24/2025 8:30 | 4.209 | 4.003 | 3.947 | 3.919 | 2.928 | 3.548 | 49.05 | 50.64 | 50.11 | 51.87 | 49.29 | 52.79 | 26.774 | 0.694 |
| 5/24/2025 8:40 | 4.264 | 4.103 | 4.045 | 3.993 | 3.019 | 3.544 | 49.05 | 50.64 | 50.11 | 51.87 | 49.30 | 52.79 | 26.910 | 0.695 |
| 5/24/2025 8:50 | 4.509 | 4.180 | 4.128 | 4.047 | 3.112 | 3.537 | 49.05 | 50.64 | 49.94 | 51.87 | 49.22 | 52.80 | 27.392 | 0.697 |
| 5/24/2025 9:00 | 4.437 | 4.252 | 4.204 | 4.097 | 3.173 | 3.546 | 49.05 | 50.64 | 49.76 | 51.87 | 49.15 | 52.80 | 27.838 | 0.698 |
| 5/24/2025 9:10 | 4.412 | 4.313 | 4.264 | 4.131 | 3.239 | 3.543 | 49.05 | 50.64 | 49.58 | 51.87 | 49.14 | 52.80 | 27.961 | 0.699 |
| 5/24/2025 9:20 | 4.445 | 4.352 | 4.302 | 4.163 | 3.266 | 3.550 | 49.05 | 50.47 | 49.58 | 51.87 | 49.17 | 52.80 | 27.977 | 0.701 |
| 5/24/2025 9:30 | 4.395 | 4.371 | 4.323 | 4.191 | 3.292 | 3.541 | 49.23 | 50.47 | 49.40 | 51.87 | 49.22 | 52.81 | 27.970 | 0.702 |
| 5/24/2025 9:40 | 4.447 | 4.399 | 4.354 | 4.215 | 3.317 | 3.546 | 49.23 | 50.47 | 49.40 | 51.87 | 49.26 | 52.81 | 27.948 | 0.703 |
| 5/24/2025 9:50 | 4.289 | 4.380 | 4.357 | 4.242 | 3.302 | 3.542 | 49.23 | 50.29 | 49.40 | 51.87 | 49.30 | 52.82 | 27.908 | 0.704 |
| 5/24/2025 10:00 | 4.168 | 4.328 | 4.308 | 4.260 | 3.219 | 3.540 | 49.23 | 50.29 | 49.40 | 51.87 | 49.35 | 52.82 | 27.923 | 0.705 |
| 5/24/2025 10:10 | 3.993 | 4.261 | 4.229 | 4.258 | 3.131 | 3.543 | 49.40 | 50.29 | 49.40 | 51.87 | 49.40 | 52.83 | 27.913 | 0.706 |
| 5/24/2025 10:20 | 3.891 | 4.129 | 4.116 | 4.242 | 3.026 | 3.533 | 49.58 | 50.29 | 49.58 | 51.87 | 49.44 | 52.84 | 27.898 | 0.708 |
| 5/24/2025 10:30 | 3.656 | 3.997 | 3.977 | 4.228 | 2.839 | 3.536 | 49.76 | 50.29 | 49.94 | 51.87 | 49.48 | 52.84 | 27.899 | 0.710 |
| 5/24/2025 10:40 | 3.463 | 3.840 | 3.840 | 4.205 | 2.667 | 3.544 | 49.94 | 50.29 | 50.29 | 51.87 | 49.52 | 52.85 | 27.881 | 0.711 |
| 5/24/2025 10:50 | 3.275 | 3.637 | 3.656 | 4.170 | 2.450 | 3.539 | 50.11 | 50.29 | 50.64 | 51.87 | 49.59 | 52.86 | 27.886 | 0.713 |
| 5/24/2025 11:00 | 3.081 | 3.459 | 3.478 | 4.137 | 2.264 | 3.548 | 50.29 | 50.29 | 51.00 | 51.70 | 49.69 | 52.86 | 27.864 | 0.714 |
| 5/24/2025 11:10 | 2.901 | 3.281 | 3.319 | 4.113 | 2.073 | 3.541 | 50.29 | 50.29 | 51.17 | 51.87 | 49.82 | 52.87 | 27.835 | 0.715 |
| 5/24/2025 11:20 | 2.723 | 3.108 | 3.159 | 4.081 | 1.886 | 3.546 | 50.29 | 50.29 | 51.52 | 51.87 | 49.95 | 52.87 | 27.830 | 0.718 |
| 5/24/2025 11:30 | 2.568 | 2.960 | 3.001 | 4.035 | 1.719 | 3.542 | 50.47 | 50.29 | 51.70 | 51.70 | 50.08 | 52.88 | 27.814 | 0.719 |
| 5/24/2025 11:40 | 2.433 | 2.829 | 2.877 | 4.007 | 1.585 | 3.548 | 50.47 | 50.47 | 52.05 | 51.70 | 50.22 | 52.89 | 27.798 | 0.718 |
| 5/24/2025 11:50 | 2.318 | 2.709 | 2.764 | 3.972 | 1.476 | 3.547 | 50.64 | 50.47 | 52.23 | 51.70 | 50.36 | 52.90 | 27.779 | 0.718 |
| 5/24/2025 12:00 | 2.212 | 2.622 | 2.678 | 3.937 | 1.362 | 3.543 | 50.64 | 50.47 | 52.40 | 51.70 | 50.50 | 52.91 | 27.768 | 0.719 |
| 5/24/2025 12:10 | 2.121 | 2.537 | 2.590 | 3.901 | 1.268 | 3.549 | 50.82 | 50.47 | 52.58 | 51.70 | 50.64 | 52.92 | 27.750 | 0.720 |
| 5/24/2025 12:20 | 2.037 | 2.470 | 2.530 | 3.857 | 1.183 | 3.544 | 50.82 | 50.64 | 52.75 | 51.70 | 50.78 | 52.93 | 27.718 | 0.722 |
| 5/24/2025 12:30 | 1.954 | 2.410 | 2.470 | 3.834 | 1.113 | 3.553 | 50.82 | 50.64 | 52.75 | 51.70 | 50.92 | 52.94 | 27.663 | 0.722 |
| 5/24/2025 12:40 | 1.884 | 2.356 | 2.412 | 3.787 | 1.036 | 3.554 | 51.00 | 50.64 | 52.93 | 51.70 | 51.05 | 52.94 | 27.608 | 0.722 |
| 5/24/2025 12:50 | 1.805 | 2.305 | 2.360 | 3.748 | 0.956 | 3.542 | 51.17 | 50.64 | 53.10 | 51.70 | 51.19 | 52.96 | 27.493 | 0.719 |
| 5/24/2025 13:00 | 1.754 | 2.279 | 2.331 | 3.725 | 0.917 | 3.554 | 51.17 | 50.82 | 53.10 | 51.70 | 51.33 | 52.97 | 27.421 | 0.716 |
| 5/24/2025 13:10 | 1.691 | 2.251 | 2.291 | 3.689 | 0.864 | 3.544 | 51.35 | 50.82 | 53.27 | 51.70 | 51.47 | 52.98 | 27.228 | 0.713 |
| 5/24/2025 13:20 | 1.648 | 2.217 | 2.270 | 3.666 | 0.825 | 3.544 | 51.52 | 50.82 | 53.62 | 51.70 | 51.60 | 52.99 | 27.196 | 0.713 |
| 5/24/2025 13:30 | 1.602 | 2.195 | 2.250 | 3.651 | 0.780 | 3.539 | 51.70 | 51.00 | 53.80 | 51.70 | 51.74 | 53.00 | 26.960 | 0.714 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/24/2025 13:40 | 1.561 | 2.186 | 2.235 | 3.634 | 0.746 | 3.545 | 51.70 | 51.00 | 53.97 | 51.70 | 51.87 | 53.02 | 26.756 | 0.713 |
| 5/24/2025 13:50 | 1.513 | 2.170 | 2.224 | 3.625 | 0.723 | 3.541 | 51.87 | 51.00 | 54.15 | 51.70 | 51.99 | 53.03 | 26.601 | 0.708 |
| 5/24/2025 14:00 | 1.482 | 2.150 | 2.209 | 3.613 | 0.688 | 3.535 | 52.05 | 51.17 | 54.32 | 51.70 | 52.10 | 53.04 | 26.456 | 0.701 |
| 5/24/2025 14:10 | 1.445 | 2.140 | 2.199 | 3.603 | 0.669 | 3.535 | 52.23 | 51.17 | 54.50 | 51.70 | 52.22 | 53.06 | 26.286 | 0.696 |
| 5/24/2025 14:20 | 1.406 | 2.133 | 2.182 | 3.592 | 0.649 | 3.527 | 52.23 | 51.17 | 54.50 | 51.70 | 52.33 | 53.07 | 26.046 | 0.693 |
| 5/24/2025 14:30 | 1.386 | 2.140 | 2.189 | 3.594 | 0.641 | 3.544 | 52.40 | 51.35 | 54.50 | 51.70 | 52.44 | 53.09 | 25.868 | 0.691 |
| 5/24/2025 14:40 | 1.354 | 2.124 | 2.181 | 3.578 | 0.616 | 3.530 | 52.58 | 51.35 | 54.67 | 51.70 | 52.54 | 53.10 | 25.528 | 0.689 |
| 5/24/2025 14:50 | 1.332 | 2.129 | 2.183 | 3.583 | 0.613 | 3.538 | 52.75 | 51.35 | 54.84 | 51.70 | 52.64 | 53.12 | 25.384 | 0.687 |
| 5/24/2025 15:00 | 1.300 | 2.116 | 2.174 | 3.571 | 0.593 | 3.535 | 52.93 | 51.52 | 54.84 | 51.87 | 52.77 | 53.13 | 25.082 | 0.690 |
| 5/24/2025 15:10 | 1.287 | 2.115 | 2.173 | 3.569 | 0.601 | 3.537 | 53.10 | 51.52 | 55.02 | 51.87 | 52.90 | 53.15 | 24.903 | 0.692 |
| 5/24/2025 15:20 | 1.273 | 2.116 | 2.175 | 3.571 | 0.591 | 3.532 | 53.10 | 51.70 | 55.02 | 51.87 | 53.01 | 53.16 | 24.719 | 0.693 |
| 5/24/2025 15:30 | 1.254 | 2.110 | 2.172 | 3.572 | 0.585 | 3.532 | 53.10 | 51.70 | 55.02 | 51.87 | 53.10 | 53.17 | 24.467 | 0.695 |
| 5/24/2025 15:40 | 1.234 | 2.113 | 2.167 | 3.567 | 0.588 | 3.537 | 53.10 | 51.70 | 55.02 | 51.87 | 53.18 | 53.19 | 24.234 | 0.698 |
| 5/24/2025 15:50 | 1.216 | 2.115 | 2.166 | 3.558 | 0.574 | 3.538 | 53.10 | 51.87 | 55.02 | 51.87 | 53.25 | 53.20 | 24.064 | 0.698 |
| 5/24/2025 16:00 | 1.204 | 2.103 | 2.168 | 3.557 | 0.571 | 3.555 | 53.10 | 51.87 | 54.84 | 51.87 | 53.30 | 53.22 | 23.838 | 0.691 |
| 5/24/2025 16:10 | 1.197 | 2.115 | 2.176 | 3.566 | 0.573 | 3.548 | 53.27 | 51.87 | 54.84 | 51.87 | 53.36 | 53.23 | 23.524 | 0.685 |
| 5/24/2025 16:20 | 1.182 | 2.112 | 2.165 | 3.554 | 0.566 | 3.535 | 53.27 | 52.05 | 54.84 | 51.87 | 53.43 | 53.24 | 23.117 | 0.681 |
| 5/24/2025 16:30 | 1.170 | 2.104 | 2.158 | 3.551 | 0.568 | 3.542 | 53.27 | 52.05 | 54.84 | 51.87 | 53.48 | 53.26 | 22.815 | 0.680 |
| 5/24/2025 16:40 | 1.162 | 2.108 | 2.165 | 3.554 | 0.569 | 3.538 | 53.27 | 52.05 | 54.84 | 51.87 | 53.52 | 53.27 | 22.433 | 0.680 |
| 5/24/2025 16:50 | 1.152 | 2.110 | 2.158 | 3.556 | 0.567 | 3.536 | 53.27 | 52.23 | 54.67 | 51.87 | 53.56 | 53.28 | 22.104 | 0.680 |
| 5/24/2025 17:00 | 1.142 | 2.108 | 2.163 | 3.558 | 0.561 | 3.542 | 53.27 | 52.23 | 54.67 | 51.87 | 53.58 | 53.30 | 21.800 | 0.680 |
| 5/24/2025 17:10 | 1.133 | 2.110 | 2.165 | 3.552 | 0.564 | 3.539 | 53.45 | 52.23 | 54.67 | 51.87 | 53.59 | 53.32 | 21.492 | 0.679 |
| 5/24/2025 17:20 | 1.121 | 2.101 | 2.159 | 3.551 | 0.555 | 3.536 | 53.45 | 52.23 | 54.67 | 51.87 | 53.60 | 53.33 | 21.219 | 0.678 |
| 5/24/2025 17:30 | 1.113 | 2.105 | 2.152 | 3.548 | 0.559 | 3.528 | 53.45 | 52.40 | 54.50 | 51.87 | 53.60 | 53.34 | 21.100 | 0.678 |
| 5/24/2025 17:40 | 1.105 | 2.101 | 2.151 | 3.540 | 0.557 | 3.532 | 53.45 | 52.40 | 54.50 | 51.87 | 53.61 | 53.35 | 20.939 | 0.675 |
| 5/24/2025 17:50 | 1.104 | 2.104 | 2.154 | 3.543 | 0.554 | 3.529 | 53.45 | 52.40 | 54.50 | 51.87 | 53.61 | 53.36 | 20.738 | 0.672 |
| 5/24/2025 18:00 | 1.091 | 2.099 | 2.153 | 3.541 | 0.555 | 3.536 | 53.45 | 52.40 | 54.50 | 51.87 | 53.60 | 53.38 | 20.412 | 0.672 |
| 5/24/2025 18:10 | 1.088 | 2.096 | 2.149 | 3.538 | 0.554 | 3.527 | 53.45 | 52.40 | 54.50 | 51.87 | 53.60 | 53.39 | 19.859 | 0.673 |
| 5/24/2025 18:20 | 1.091 | 2.100 | 2.152 | 3.535 | 0.555 | 3.536 | 53.45 | 52.58 | 54.32 | 52.05 | 53.59 | 53.39 | 19.840 | 0.674 |
| 5/24/2025 18:30 | 1.199 | 2.097 | 2.146 | 3.532 | 0.552 | 3.536 | 53.45 | 52.58 | 54.32 | 52.05 | 53.57 | 53.40 | 19.819 | 0.676 |
| 5/24/2025 18:40 | 1.308 | 2.095 | 2.140 | 3.530 | 0.557 | 3.536 | 53.45 | 52.58 | 54.32 | 52.05 | 53.55 | 53.41 | 19.786 | 0.679 |
| 5/24/2025 18:50 | 1.443 | 2.096 | 2.144 | 3.535 | 0.628 | 3.529 | 53.45 | 52.58 | 54.15 | 52.05 | 53.53 | 53.42 | 19.555 | 0.682 |
| 5/24/2025 19:00 | 1.732 | 2.093 | 2.147 | 3.520 | 0.792 | 3.531 | 53.45 | 52.58 | 54.15 | 52.05 | 53.51 | 53.42 | 19.344 | 0.683 |
| 5/24/2025 19:10 | 2.107 | 2.210 | 2.185 | 3.526 | 1.100 | 3.529 | 53.10 | 52.58 | 53.97 | 52.05 | 53.47 | 53.44 | 19.615 | 0.686 |
| 5/24/2025 19:20 | 2.472 | 2.517 | 2.482 | 3.527 | 1.445 | 3.536 | 52.23 | 52.58 | 53.97 | 52.05 | 53.05 | 53.44 | 19.925 | 0.688 |
| 5/24/2025 19:30 | 2.971 | 2.864 | 2.825 | 3.529 | 1.817 | 3.537 | 51.17 | 52.75 | 53.80 | 52.05 | 52.38 | 53.45 | 22.587 | 0.690 |
| 5/24/2025 19:40 | 3.389 | 3.210 | 3.184 | 3.519 | 2.163 | 3.524 | 50.64 | 52.75 | 53.80 | 52.05 | 51.59 | 53.45 | 24.891 | 0.691 |
| 5/24/2025 19:50 | 3.924 | 3.541 | 3.499 | 3.539 | 2.480 | 3.521 | 49.94 | 52.75 | 53.80 | 52.05 | 50.49 | 53.46 | 27.478 | 0.694 |
| 5/24/2025 20:00 | 4.275 | 3.788 | 3.737 | 3.703 | 2.729 | 3.538 | 49.40 | 52.75 | 53.80 | 52.05 | 49.62 | 53.46 | 28.839 | 0.695 |
| 5/24/2025 20:10 | 4.524 | 3.984 | 3.924 | 3.836 | 2.914 | 3.523 | 49.23 | 52.75 | 53.80 | 52.05 | 49.26 | 53.46 | 29.313 | 0.697 |
| 5/24/2025 20:20 | 4.801 | 4.158 | 4.103 | 3.942 | 3.092 | 3.532 | 49.05 | 52.58 | 53.62 | 52.05 | 49.03 | 53.47 | 29.452 | 0.698 |
| 5/24/2025 20:30 | 4.964 | 4.304 | 4.247 | 4.020 | 3.249 | 3.523 | 49.05 | 52.40 | 52.93 | 52.05 | 48.89 | 53.47 | 29.777 | 0.699 |
| 5/24/2025 20:40 | 5.075 | 4.422 | 4.356 | 4.087 | 3.355 | 3.527 | 49.05 | 51.35 | 51.87 | 52.23 | 48.84 | 53.47 | 29.891 | 0.699 |
| 5/24/2025 20:50 | 5.222 | 4.501 | 4.441 | 4.142 | 3.462 | 3.545 | 49.05 | 50.64 | 51.00 | 52.23 | 48.75 | 53.48 | 29.911 | 0.700 |
| 5/24/2025 21:00 | 5.326 | 4.563 | 4.507 | 4.186 | 3.521 | 3.538 | 49.05 | 50.47 | 50.11 | 52.23 | 48.72 | 53.48 | 29.949 | 0.700 |
| 5/24/2025 21:10 | 5.362 | 4.626 | 4.569 | 4.234 | 3.584 | 3.529 | 48.87 | 50.29 | 49.76 | 52.23 | 48.66 | 53.48 | 29.963 | 0.700 |
| 5/24/2025 21:20 | 5.439 | 4.672 | 4.609 | 4.270 | 3.641 | 3.526 | 48.87 | 50.11 | 49.58 | 52.23 | 48.70 | 53.48 | 29.885 | 0.701 |
| 5/24/2025 21:30 | 5.463 | 4.731 | 4.653 | 4.316 | 3.689 | 3.528 | 48.87 | 49.94 | 49.23 | 52.05 | 48.74 | 53.48 | 29.851 | 0.702 |
| 5/24/2025 21:40 | 5.408 | 4.765 | 4.700 | 4.346 | 3.714 | 3.524 | 48.87 | 49.94 | 49.23 | 51.70 | 48.75 | 53.48 | 29.775 | 0.703 |
| 5/24/2025 21:50 | 5.357 | 4.800 | 4.733 | 4.380 | 3.749 | 3.533 | 48.87 | 49.94 | 49.05 | 51.52 | 48.78 | 53.48 | 29.694 | 0.704 |
| 5/24/2025 22:00 | 5.349 | 4.827 | 4.751 | 4.415 | 3.778 | 3.533 | 48.87 | 49.76 | 49.05 | 51.52 | 48.82 | 53.48 | 29.460 | 0.705 |
| 5/24/2025 22:10 | 5.192 | 4.850 | 4.784 | 4.446 | 3.785 | 3.534 | 49.05 | 49.76 | 49.05 | 51.35 | 48.86 | 53.48 | 29.465 | 0.711 |
| 5/24/2025 22:20 | 5.173 | 4.855 | 4.792 | 4.466 | 3.796 | 3.531 | 48.87 | 49.76 | 49.05 | 51.35 | 48.93 | 53.48 | 29.365 | 0.713 |
| 5/24/2025 22:30 | 4.967 | 4.870 | 4.803 | 4.497 | 3.798 | 3.541 | 48.87 | 49.58 | 48.87 | 51.35 | 49.00 | 53.48 | 29.343 | 0.711 |
| 5/24/2025 22:40 | 4.786 | 4.855 | 4.802 | 4.524 | 3.765 | 3.531 | 49.05 | 49.58 | 48.87 | 51.35 | 49.06 | 53.48 | 28.817 | 0.709 |
| 5/24/2025 22:50 | 4.620 | 4.794 | 4.763 | 4.532 | 3.695 | 3.521 | 49.05 | 49.58 | 49.05 | 51.35 | 49.08 | 53.48 | 29.420 | 0.707 |
| 5/24/2025 23:00 | 4.462 | 4.713 | 4.694 | 4.547 | 3.610 | 3.531 | 49.05 | 49.58 | 49.05 | 51.17 | 48.95 | 53.48 | 29.445 | 0.705 |
| 5/24/2025 23:10 | 4.284 | 4.606 | 4.600 | 4.555 | 3.462 | 3.533 | 48.87 | 49.76 | 49.05 | 51.17 | 48.79 | 53.48 | 29.515 | 0.704 |
| 5/24/2025 23:20 | 4.107 | 4.462 | 4.469 | 4.541 | 3.309 | 3.530 | 48.87 | 50.11 | 49.05 | 51.35 | 48.75 | 53.48 | 29.475 | 0.702 |
| 5/24/2025 23:30 | 3.949 | 4.324 | 4.341 | 4.518 | 3.148 | 3.526 | 48.87 | 50.11 | 49.05 | 51.35 | 48.79 | 53.48 | 29.182 | 0.696 |
| 5/24/2025 23:40 | 3.788 | 4.182 | 4.215 | 4.500 | 2.982 | 3.527 | 48.87 | 50.29 | 49.23 | 51.35 | 48.82 | 53.48 | 28.872 | 0.692 |
| 5/24/2025 23:50 | 3.618 | 4.033 | 4.069 | 4.480 | 2.824 | 3.539 | 48.87 | 50.29 | 49.40 | 51.35 | 48.90 | 53.47 | 28.546 | 0.689 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/25/2025 0:00 | 3.445 | 3.879 | 3.927 | 4.456 | 2.655 | 3.530 | 49.05 | 50.29 | 49.40 | 51.35 | 49.00 | 53.47 | 28.253 | 0.687 |
| 5/25/2025 0:10 | 3.263 | 3.725 | 3.773 | 4.429 | 2.479 | 3.529 | 49.23 | 50.29 | 49.58 | 51.35 | 49.11 | 53.46 | 28.084 | 0.686 |
| 5/25/2025 0:20 | 3.082 | 3.560 | 3.624 | 4.405 | 2.297 | 3.530 | 49.40 | 50.29 | 49.58 | 51.35 | 49.24 | 53.46 | 27.802 | 0.685 |
| 5/25/2025 0:30 | 2.917 | 3.406 | 3.478 | 4.383 | 2.134 | 3.536 | 49.58 | 50.29 | 49.76 | 51.52 | 49.35 | 53.45 | 27.570 | 0.682 |
| 5/25/2025 0:40 | 2.751 | 3.265 | 3.340 | 4.356 | 1.964 | 3.538 | 49.58 | 50.29 | 49.76 | 51.52 | 49.44 | 53.45 | 27.375 | 0.679 |
| 5/25/2025 0:50 | 2.618 | 3.138 | 3.212 | 4.337 | 1.827 | 3.530 | 49.76 | 50.29 | 49.76 | 51.52 | 49.51 | 53.43 | 27.206 | 0.675 |
| 5/25/2025 1:00 | 2.484 | 3.023 | 3.092 | 4.302 | 1.692 | 3.533 | 49.76 | 50.29 | 49.76 | 51.70 | 49.57 | 53.42 | 27.048 | 0.669 |
| 5/25/2025 1:10 | 2.369 | 2.920 | 3.004 | 4.287 | 1.569 | 3.527 | 49.76 | 50.47 | 49.76 | 51.70 | 49.62 | 53.40 | 26.866 | 0.661 |
| 5/25/2025 1:20 | 2.262 | 2.827 | 2.905 | 4.259 | 1.464 | 3.533 | 49.76 | 50.47 | 49.76 | 51.70 | 49.66 | 53.38 | 26.723 | 0.650 |
| 5/25/2025 1:30 | 2.164 | 2.759 | 2.838 | 4.237 | 1.364 | 3.528 | 49.76 | 50.47 | 49.94 | 51.70 | 49.69 | 53.35 | 26.583 | 0.638 |
| 5/25/2025 1:40 | 2.081 | 2.690 | 2.783 | 4.213 | 1.288 | 3.535 | 49.76 | 50.47 | 49.94 | 51.70 | 49.72 | 53.32 | 26.442 | 0.624 |
| 5/25/2025 1:50 | 1.983 | 2.622 | 2.692 | 4.183 | 1.197 | 3.533 | 49.76 | 50.47 | 49.94 | 51.70 | 49.74 | 53.27 | 26.198 | 0.613 |
| 5/25/2025 2:00 | 1.916 | 2.575 | 2.652 | 4.160 | 1.135 | 3.543 | 49.76 | 50.47 | 49.94 | 51.87 | 49.76 | 53.22 | 26.071 | 0.602 |
| 5/25/2025 2:10 | 1.845 | 2.526 | 2.608 | 4.133 | 1.065 | 3.535 | 49.76 | 50.47 | 49.94 | 51.87 | 49.78 | 53.16 | 25.949 | 0.592 |
| 5/25/2025 2:20 | 1.782 | 2.495 | 2.568 | 4.114 | 1.006 | 3.539 | 49.76 | 50.47 | 49.94 | 51.87 | 49.80 | 53.12 | 25.816 | 0.581 |
| 5/25/2025 2:30 | 1.727 | 2.465 | 2.531 | 4.087 | 0.953 | 3.532 | 49.76 | 50.47 | 49.76 | 51.87 | 49.81 | 53.07 | 25.645 | 0.573 |
| 5/25/2025 2:40 | 1.676 | 2.434 | 2.494 | 4.063 | 0.907 | 3.532 | 49.76 | 50.47 | 49.76 | 51.87 | 49.82 | 53.03 | 25.529 | 0.567 |
| 5/25/2025 2:50 | 1.617 | 2.400 | 2.469 | 4.028 | 0.860 | 3.533 | 49.76 | 50.47 | 49.76 | 51.87 | 49.83 | 53.00 | 25.391 | 0.563 |
| 5/25/2025 3:00 | 1.573 | 2.376 | 2.443 | 4.005 | 0.828 | 3.536 | 49.76 | 50.47 | 49.76 | 51.87 | 49.83 | 52.97 | 25.293 | 0.559 |
| 5/25/2025 3:10 | 1.527 | 2.345 | 2.410 | 3.962 | 0.792 | 3.532 | 49.94 | 50.47 | 49.76 | 51.87 | 49.83 | 52.95 | 25.157 | 0.558 |
| 5/25/2025 3:20 | 1.491 | 2.327 | 2.391 | 3.939 | 0.769 | 3.537 | 49.94 | 50.47 | 49.76 | 51.87 | 49.83 | 52.93 | 25.035 | 0.557 |
| 5/25/2025 3:30 | 1.455 | 2.307 | 2.369 | 3.908 | 0.741 | 3.529 | 49.94 | 50.47 | 49.76 | 51.87 | 49.83 | 52.91 | 24.922 | 0.556 |
| 5/25/2025 3:40 | 1.417 | 2.277 | 2.344 | 3.866 | 0.723 | 3.525 | 49.94 | 50.47 | 49.76 | 51.87 | 49.83 | 52.89 | 24.733 | 0.556 |
| 5/25/2025 3:50 | 1.385 | 2.273 | 2.325 | 3.838 | 0.703 | 3.536 | 49.94 | 50.47 | 49.76 | 51.87 | 49.83 | 52.87 | 24.611 | 0.555 |
| 5/25/2025 4:00 | 1.358 | 2.246 | 2.304 | 3.804 | 0.679 | 3.533 | 49.94 | 50.47 | 49.76 | 51.87 | 49.82 | 52.86 | 24.486 | 0.555 |
| 5/25/2025 4:10 | 1.334 | 2.235 | 2.293 | 3.772 | 0.673 | 3.527 | 49.76 | 50.47 | 49.76 | 51.87 | 49.82 | 52.85 | 24.403 | 0.554 |
| 5/25/2025 4:20 | 1.306 | 2.219 | 2.263 | 3.741 | 0.650 | 3.532 | 49.76 | 50.47 | 49.58 | 51.87 | 49.81 | 52.83 | 24.311 | 0.553 |
| 5/25/2025 4:30 | 1.279 | 2.200 | 2.248 | 3.714 | 0.641 | 3.529 | 49.94 | 50.47 | 49.58 | 51.87 | 49.81 | 52.81 | 24.164 | 0.552 |
| 5/25/2025 4:40 | 1.255 | 2.178 | 2.230 | 3.684 | 0.614 | 3.528 | 49.76 | 50.47 | 49.58 | 51.87 | 49.80 | 52.80 | 24.002 | 0.551 |
| 5/25/2025 4:50 | 1.239 | 2.170 | 2.215 | 3.671 | 0.611 | 3.531 | 49.76 | 50.47 | 49.58 | 51.87 | 49.79 | 52.79 | 23.697 | 0.550 |
| 5/25/2025 5:00 | 1.224 | 2.159 | 2.205 | 3.653 | 0.603 | 3.529 | 49.76 | 50.47 | 49.58 | 51.87 | 49.78 | 52.78 | 23.585 | 0.550 |
| 5/25/2025 5:10 | 1.201 | 2.140 | 2.187 | 3.630 | 0.593 | 3.531 | 49.76 | 50.47 | 49.58 | 51.87 | 49.77 | 52.77 | 23.454 | 0.551 |
| 5/25/2025 5:20 | 1.185 | 2.136 | 2.187 | 3.626 | 0.589 | 3.538 | 49.76 | 50.47 | 49.58 | 51.87 | 49.76 | 52.75 | 23.327 | 0.551 |
| 5/25/2025 5:30 | 1.170 | 2.129 | 2.176 | 3.607 | 0.577 | 3.531 | 49.76 | 50.47 | 49.40 | 51.87 | 49.75 | 52.75 | 23.331 | 0.551 |
| 5/25/2025 5:40 | 1.147 | 2.114 | 2.158 | 3.592 | 0.572 | 3.530 | 49.76 | 50.47 | 49.40 | 51.87 | 49.73 | 52.74 | 23.130 | 0.551 |
| 5/25/2025 5:50 | 1.127 | 2.110 | 2.150 | 3.577 | 0.553 | 3.534 | 49.76 | 50.47 | 49.40 | 51.87 | 49.72 | 52.73 | 23.112 | 0.551 |
| 5/25/2025 6:00 | 1.118 | 2.105 | 2.153 | 3.583 | 0.557 | 3.531 | 49.76 | 50.47 | 49.40 | 51.87 | 49.70 | 52.72 | 23.128 | 0.550 |
| 5/25/2025 6:10 | 1.109 | 2.097 | 2.143 | 3.570 | 0.546 | 3.529 | 49.76 | 50.47 | 49.23 | 51.87 | 49.68 | 52.71 | 22.852 | 0.550 |
| 5/25/2025 6:20 | 1.092 | 2.091 | 2.135 | 3.561 | 0.550 | 3.528 | 49.76 | 50.47 | 49.23 | 51.87 | 49.67 | 52.70 | 22.648 | 0.550 |
| 5/25/2025 6:30 | 1.083 | 2.090 | 2.130 | 3.556 | 0.550 | 3.531 | 49.76 | 50.47 | 49.23 | 51.87 | 49.66 | 52.70 | 22.587 | 0.550 |
| 5/25/2025 6:40 | 1.070 | 2.089 | 2.129 | 3.559 | 0.536 | 3.526 | 49.76 | 50.29 | 49.23 | 51.87 | 49.65 | 52.69 | 22.523 | 0.549 |
| 5/25/2025 6:50 | 1.053 | 2.076 | 2.123 | 3.542 | 0.529 | 3.525 | 49.76 | 50.29 | 49.23 | 51.70 | 49.64 | 52.68 | 22.443 | 0.548 |
| 5/25/2025 7:00 | 1.047 | 2.077 | 2.114 | 3.535 | 0.529 | 3.518 | 49.76 | 50.29 | 49.40 | 51.70 | 49.63 | 52.68 | 22.316 | 0.547 |
| 5/25/2025 7:10 | 1.033 | 2.072 | 2.116 | 3.537 | 0.528 | 3.523 | 49.76 | 50.29 | 49.40 | 51.70 | 49.63 | 52.67 | 22.233 | 0.549 |
| 5/25/2025 7:20 | 1.028 | 2.066 | 2.107 | 3.535 | 0.517 | 3.521 | 49.94 | 50.29 | 49.58 | 51.70 | 49.65 | 52.67 | 22.096 | 0.549 |
| 5/25/2025 7:30 | 1.061 | 2.067 | 2.108 | 3.533 | 0.523 | 3.522 | 49.94 | 50.29 | 49.58 | 51.70 | 49.66 | 52.67 | 22.013 | 0.549 |
| 5/25/2025 7:40 | 1.164 | 2.067 | 2.106 | 3.521 | 0.527 | 3.519 | 49.94 | 50.29 | 49.76 | 51.70 | 49.68 | 52.67 | 21.863 | 0.550 |
| 5/25/2025 7:50 | 1.301 | 2.059 | 2.091 | 3.517 | 0.528 | 3.511 | 49.94 | 50.29 | 49.94 | 51.70 | 49.70 | 52.67 | 21.734 | 0.550 |
| 5/25/2025 8:00 | 1.489 | 2.062 | 2.098 | 3.520 | 0.585 | 3.531 | 49.94 | 50.29 | 49.94 | 51.70 | 49.73 | 52.67 | 21.637 | 0.550 |
| 5/25/2025 8:10 | 1.702 | 2.065 | 2.101 | 3.519 | 0.773 | 3.530 | 50.11 | 50.29 | 50.11 | 51.70 | 49.77 | 52.68 | 21.473 | 0.549 |
| 5/25/2025 8:20 | 2.019 | 2.148 | 2.129 | 3.513 | 1.045 | 3.521 | 49.94 | 50.29 | 50.29 | 51.70 | 49.82 | 52.68 | 21.305 | 0.549 |
| 5/25/2025 8:30 | 2.503 | 2.442 | 2.399 | 3.517 | 1.359 | 3.525 | 49.58 | 50.29 | 50.47 | 51.70 | 49.75 | 52.69 | 22.369 | 0.548 |
| 5/25/2025 8:40 | 2.812 | 2.771 | 2.727 | 3.516 | 1.702 | 3.524 | 49.23 | 50.29 | 50.47 | 51.70 | 49.45 | 52.69 | 25.025 | 0.546 |
| 5/25/2025 8:50 | 3.171 | 3.066 | 3.030 | 3.512 | 1.999 | 3.524 | 49.23 | 50.29 | 50.64 | 51.70 | 49.18 | 52.70 | 26.842 | 0.545 |
| 5/25/2025 9:00 | 3.489 | 3.349 | 3.304 | 3.515 | 2.291 | 3.521 | 48.87 | 50.29 | 50.82 | 51.70 | 49.07 | 52.71 | 27.970 | 0.546 |
| 5/25/2025 9:10 | 3.794 | 3.584 | 3.529 | 3.571 | 2.503 | 3.526 | 48.87 | 50.29 | 51.00 | 51.70 | 49.04 | 52.72 | 29.282 | 0.548 |
| 5/25/2025 9:20 | 3.959 | 3.749 | 3.683 | 3.695 | 2.678 | 3.529 | 48.70 | 50.29 | 51.17 | 51.70 | 48.84 | 52.74 | 30.024 | 0.549 |
| 5/25/2025 9:30 | 4.130 | 3.876 | 3.807 | 3.804 | 2.793 | 3.533 | 48.70 | 50.29 | 51.00 | 51.70 | 48.74 | 52.74 | 30.386 | 0.552 |
| 5/25/2025 9:40 | 4.140 | 3.990 | 3.925 | 3.888 | 2.902 | 3.530 | 48.70 | 50.29 | 50.82 | 51.70 | 48.71 | 52.76 | 30.605 | 0.555 |
| 5/25/2025 9:50 | 4.247 | 4.081 | 4.019 | 3.958 | 3.001 | 3.536 | 48.87 | 50.11 | 50.47 | 51.70 | 48.76 | 52.77 | 30.663 | 0.558 |
| 5/25/2025 10:00 | 4.335 | 4.159 | 4.099 | 4.010 | 3.073 | 3.522 | 48.87 | 49.94 | 50.11 | 51.70 | 48.83 | 52.78 | 30.672 | 0.559 |
| 5/25/2025 10:10 | 4.333 | 4.226 | 4.177 | 4.058 | 3.143 | 3.528 | 48.87 | 49.58 | 49.94 | 51.70 | 48.90 | 52.80 | 30.708 | 0.560 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/25/2025 10:20 | 4.286 | 4.276 | 4.227 | 4.097 | 3.183 | 3.528 | 48.87 | 49.58 | 49.76 | 51.70 | 48.95 | 52.81 | 30.743 | 0.565 |
| 5/25/2025 10:30 | 4.264 | 4.293 | 4.243 | 4.130 | 3.214 | 3.527 | 48.87 | 49.76 | 49.58 | 51.70 | 49.02 | 52.82 | 30.749 | 0.569 |
| 5/25/2025 10:40 | 4.160 | 4.276 | 4.238 | 4.151 | 3.178 | 3.522 | 49.05 | 49.76 | 49.58 | 51.70 | 49.05 | 52.83 | 30.764 | 0.573 |
| 5/25/2025 10:50 | 4.054 | 4.247 | 4.232 | 4.180 | 3.140 | 3.536 | 49.05 | 49.76 | 49.58 | 51.70 | 49.10 | 52.85 | 30.761 | 0.576 |
| 5/25/2025 11:00 | 3.916 | 4.154 | 4.132 | 4.167 | 3.018 | 3.527 | 49.05 | 49.76 | 49.58 | 51.70 | 49.13 | 52.86 | 30.737 | 0.580 |
| 5/25/2025 11:10 | 3.733 | 4.037 | 4.013 | 4.138 | 2.896 | 3.522 | 49.40 | 49.94 | 49.58 | 51.70 | 49.25 | 52.87 | 30.580 | 0.582 |
| 5/25/2025 11:20 | 3.560 | 3.874 | 3.856 | 4.109 | 2.735 | 3.530 | 50.11 | 49.94 | 50.11 | 51.70 | 49.47 | 52.88 | 30.297 | 0.585 |
| 5/25/2025 11:30 | 3.392 | 3.703 | 3.689 | 4.087 | 2.557 | 3.524 | 50.11 | 49.94 | 50.64 | 51.70 | 49.61 | 52.90 | 29.608 | 0.587 |
| 5/25/2025 11:40 | 3.156 | 3.514 | 3.512 | 4.040 | 2.333 | 3.529 | 50.47 | 49.94 | 51.17 | 51.70 | 49.71 | 52.91 | 29.541 | 0.590 |
| 5/25/2025 11:50 | 2.963 | 3.307 | 3.313 | 3.993 | 2.117 | 3.513 | 50.64 | 50.11 | 51.87 | 51.70 | 49.85 | 52.92 | 29.483 | 0.591 |
| 5/25/2025 12:00 | 2.763 | 3.124 | 3.130 | 3.940 | 1.914 | 3.516 | 50.64 | 50.11 | 52.40 | 51.70 | 50.01 | 52.93 | 29.445 | 0.593 |
| 5/25/2025 12:10 | 2.583 | 2.931 | 2.948 | 3.884 | 1.738 | 3.512 | 50.47 | 50.11 | 52.93 | 51.70 | 50.18 | 52.95 | 29.406 | 0.594 |
| 5/25/2025 12:20 | 2.431 | 2.775 | 2.783 | 3.831 | 1.571 | 3.523 | 50.64 | 50.29 | 53.45 | 51.70 | 50.31 | 52.97 | 29.345 | 0.595 |
| 5/25/2025 12:30 | 2.297 | 2.641 | 2.668 | 3.780 | 1.435 | 3.530 | 50.64 | 50.29 | 53.62 | 51.70 | 50.49 | 52.98 | 29.266 | 0.596 |
| 5/25/2025 12:40 | 2.173 | 2.525 | 2.557 | 3.736 | 1.308 | 3.529 | 50.82 | 50.47 | 53.80 | 51.70 | 50.68 | 52.99 | 29.271 | 0.597 |
| 5/25/2025 12:50 | 2.061 | 2.415 | 2.449 | 3.675 | 1.195 | 3.519 | 51.00 | 50.47 | 53.97 | 51.70 | 50.89 | 53.00 | 29.268 | 0.598 |
| 5/25/2025 13:00 | 1.963 | 2.328 | 2.355 | 3.637 | 1.089 | 3.518 | 51.17 | 50.64 | 54.15 | 51.70 | 51.11 | 53.02 | 29.175 | 0.599 |
| 5/25/2025 13:10 | 1.879 | 2.261 | 2.295 | 3.611 | 1.010 | 3.524 | 51.35 | 50.64 | 54.15 | 51.70 | 51.32 | 53.03 | 29.086 | 0.600 |
| 5/25/2025 13:20 | 1.787 | 2.197 | 2.235 | 3.579 | 0.918 | 3.512 | 51.52 | 50.82 | 54.32 | 51.87 | 51.53 | 53.04 | 28.959 | 0.600 |
| 5/25/2025 13:30 | 1.714 | 2.153 | 2.198 | 3.569 | 0.859 | 3.515 | 51.52 | 50.82 | 54.50 | 51.87 | 51.74 | 53.05 | 28.830 | 0.600 |
| 5/25/2025 13:40 | 1.648 | 2.122 | 2.165 | 3.557 | 0.799 | 3.526 | 51.87 | 51.00 | 54.67 | 51.87 | 51.95 | 53.07 | 28.724 | 0.599 |
| 5/25/2025 13:50 | 1.590 | 2.097 | 2.131 | 3.548 | 0.743 | 3.530 | 51.87 | 51.00 | 54.84 | 51.87 | 52.15 | 53.08 | 28.643 | 0.600 |
| 5/25/2025 14:00 | 1.525 | 2.079 | 2.125 | 3.533 | 0.697 | 3.524 | 52.05 | 51.17 | 55.02 | 51.87 | 52.32 | 53.09 | 28.517 | 0.601 |
| 5/25/2025 14:10 | 1.477 | 2.070 | 2.109 | 3.532 | 0.653 | 3.528 | 52.05 | 51.17 | 55.19 | 51.87 | 52.49 | 53.11 | 28.386 | 0.602 |
| 5/25/2025 14:20 | 1.430 | 2.055 | 2.106 | 3.520 | 0.623 | 3.523 | 52.23 | 51.17 | 55.36 | 51.87 | 52.66 | 53.12 | 28.239 | 0.603 |
| 5/25/2025 14:30 | 1.384 | 2.056 | 2.092 | 3.525 | 0.593 | 3.521 | 52.23 | 51.35 | 55.36 | 51.87 | 52.80 | 53.14 | 28.029 | 0.604 |
| 5/25/2025 14:40 | 1.351 | 2.052 | 2.088 | 3.524 | 0.576 | 3.521 | 52.23 | 51.35 | 55.36 | 51.87 | 52.91 | 53.15 | 27.813 | 0.605 |
| 5/25/2025 14:50 | 1.312 | 2.051 | 2.083 | 3.515 | 0.555 | 3.515 | 52.40 | 51.52 | 55.36 | 51.87 | 52.98 | 53.16 | 27.547 | 0.605 |
| 5/25/2025 15:00 | 1.283 | 2.048 | 2.092 | 3.513 | 0.555 | 3.520 | 52.75 | 51.52 | 55.36 | 51.87 | 53.07 | 53.17 | 27.194 | 0.604 |
| 5/25/2025 15:10 | 1.244 | 2.045 | 2.084 | 3.513 | 0.536 | 3.518 | 52.93 | 51.70 | 55.36 | 51.87 | 53.17 | 53.18 | 27.060 | 0.604 |
| 5/25/2025 15:20 | 1.215 | 2.039 | 2.078 | 3.507 | 0.535 | 3.517 | 53.10 | 51.70 | 55.36 | 51.87 | 53.29 | 53.20 | 26.791 | 0.605 |
| 5/25/2025 15:30 | 1.183 | 2.031 | 2.070 | 3.499 | 0.523 | 3.507 | 53.10 | 51.70 | 55.36 | 51.87 | 53.39 | 53.21 | 26.601 | 0.605 |
| 5/25/2025 15:40 | 1.161 | 2.032 | 2.071 | 3.496 | 0.515 | 3.510 | 53.27 | 51.87 | 55.36 | 51.87 | 53.47 | 53.22 | 26.328 | 0.605 |
| 5/25/2025 15:50 | 1.144 | 2.038 | 2.070 | 3.502 | 0.514 | 3.517 | 53.45 | 51.87 | 55.36 | 51.87 | 53.56 | 53.24 | 26.163 | 0.605 |
| 5/25/2025 16:00 | 1.109 | 2.030 | 2.055 | 3.490 | 0.502 | 3.515 | 53.62 | 52.05 | 55.54 | 51.87 | 53.64 | 53.24 | 25.934 | 0.606 |
| 5/25/2025 16:10 | 1.101 | 2.030 | 2.066 | 3.497 | 0.512 | 3.506 | 53.80 | 52.05 | 55.54 | 51.87 | 53.72 | 53.26 | 25.750 | 0.606 |
| 5/25/2025 16:20 | 1.086 | 2.024 | 2.057 | 3.491 | 0.509 | 3.512 | 53.80 | 52.05 | 55.71 | 51.87 | 53.81 | 53.27 | 25.572 | 0.607 |
| 5/25/2025 16:30 | 1.069 | 2.029 | 2.066 | 3.492 | 0.507 | 3.510 | 53.80 | 52.23 | 55.71 | 51.87 | 53.88 | 53.28 | 25.426 | 0.607 |
| 5/25/2025 16:40 | 1.060 | 2.032 | 2.061 | 3.499 | 0.510 | 3.512 | 53.97 | 52.23 | 55.71 | 51.87 | 53.92 | 53.29 | 25.139 | 0.607 |
| 5/25/2025 16:50 | 1.044 | 2.024 | 2.066 | 3.495 | 0.507 | 3.509 | 53.97 | 52.23 | 55.88 | 51.87 | 53.96 | 53.31 | 25.028 | 0.605 |
| 5/25/2025 17:00 | 1.024 | 2.020 | 2.053 | 3.479 | 0.496 | 3.507 | 53.97 | 52.40 | 55.88 | 51.87 | 54.01 | 53.32 | 24.849 | 0.604 |
| 5/25/2025 17:10 | 1.013 | 2.025 | 2.055 | 3.493 | 0.507 | 3.512 | 53.97 | 52.40 | 55.88 | 52.05 | 54.06 | 53.33 | 24.627 | 0.602 |
| 5/25/2025 17:20 | 1.007 | 2.027 | 2.060 | 3.486 | 0.496 | 3.504 | 53.97 | 52.40 | 55.88 | 52.05 | 54.10 | 53.34 | 24.355 | 0.601 |
| 5/25/2025 17:30 | 0.993 | 2.029 | 2.055 | 3.492 | 0.505 | 3.519 | 53.97 | 52.58 | 55.88 | 52.05 | 54.13 | 53.35 | 24.243 | 0.600 |
| 5/25/2025 17:40 | 0.983 | 2.022 | 2.059 | 3.493 | 0.501 | 3.517 | 54.15 | 52.58 | 55.71 | 52.05 | 54.16 | 53.36 | 23.938 | 0.599 |
| 5/25/2025 17:50 | 0.974 | 2.021 | 2.065 | 3.492 | 0.503 | 3.523 | 54.15 | 52.58 | 55.71 | 52.05 | 54.18 | 53.36 | 23.738 | 0.597 |
| 5/25/2025 18:00 | 0.961 | 2.016 | 2.049 | 3.479 | 0.491 | 3.513 | 54.15 | 52.58 | 55.71 | 52.05 | 54.20 | 53.37 | 23.378 | 0.597 |
| 5/25/2025 18:10 | 0.946 | 2.014 | 2.054 | 3.480 | 0.487 | 3.503 | 54.15 | 52.75 | 55.71 | 52.05 | 54.25 | 53.38 | 22.639 | 0.595 |
| 5/25/2025 18:20 | 0.939 | 2.022 | 2.047 | 3.485 | 0.494 | 3.519 | 54.15 | 52.75 | 55.71 | 52.05 | 54.26 | 53.39 | 22.629 | 0.594 |
| 5/25/2025 18:30 | 0.930 | 2.013 | 2.041 | 3.476 | 0.491 | 3.507 | 54.15 | 52.75 | 55.54 | 52.05 | 54.31 | 53.39 | 21.494 | 0.592 |
| 5/25/2025 18:40 | 0.926 | 2.009 | 2.041 | 3.472 | 0.487 | 3.506 | 54.15 | 52.75 | 55.54 | 52.05 | 54.31 | 53.40 | 21.088 | 0.591 |
| 5/25/2025 18:50 | 0.924 | 2.019 | 2.046 | 3.481 | 0.492 | 3.517 | 54.15 | 52.93 | 55.36 | 52.05 | 54.29 | 53.40 | 21.149 | 0.590 |
| 5/25/2025 19:00 | 0.915 | 2.014 | 2.045 | 3.477 | 0.488 | 3.522 | 53.97 | 52.93 | 55.36 | 52.05 | 54.26 | 53.41 | 21.027 | 0.589 |
| 5/25/2025 19:10 | 0.909 | 2.008 | 2.045 | 3.474 | 0.476 | 3.510 | 53.97 | 52.93 | 55.19 | 52.05 | 54.24 | 53.41 | 21.008 | 0.588 |
| 5/25/2025 19:20 | 0.922 | 2.006 | 2.039 | 3.469 | 0.484 | 3.516 | 53.97 | 52.93 | 55.19 | 52.23 | 54.20 | 53.41 | 20.935 | 0.587 |
| 5/25/2025 19:30 | 1.073 | 2.007 | 2.046 | 3.474 | 0.490 | 3.510 | 53.97 | 52.93 | 55.02 | 52.23 | 54.18 | 53.42 | 20.778 | 0.586 |
| 5/25/2025 19:40 | 1.252 | 2.012 | 2.039 | 3.468 | 0.496 | 3.516 | 53.97 | 53.10 | 54.84 | 52.23 | 54.13 | 53.42 | 20.731 | 0.584 |
| 5/25/2025 19:50 | 1.482 | 2.006 | 2.043 | 3.469 | 0.545 | 3.522 | 53.97 | 53.10 | 54.67 | 52.23 | 54.11 | 53.43 | 20.267 | 0.582 |
| 5/25/2025 20:00 | 1.771 | 2.018 | 2.033 | 3.470 | 0.802 | 3.519 | 53.80 | 53.10 | 54.50 | 52.23 | 54.06 | 53.44 | 20.253 | 0.581 |
| 5/25/2025 20:10 | 2.162 | 2.209 | 2.169 | 3.465 | 1.127 | 3.514 | 53.27 | 53.10 | 54.32 | 52.23 | 53.94 | 53.44 | 19.834 | 0.580 |
| 5/25/2025 20:20 | 2.701 | 2.559 | 2.528 | 3.467 | 1.493 | 3.512 | 52.40 | 53.10 | 54.15 | 52.23 | 53.21 | 53.44 | 21.267 | 0.578 |
| 5/25/2025 20:30 | 3.197 | 2.935 | 2.911 | 3.463 | 1.872 | 3.515 | 51.87 | 53.10 | 54.15 | 52.23 | 52.38 | 53.45 | 23.964 | 0.578 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/25/2025 20:40 | 3.711 | 3.285 | 3.247 | 3.453 | 2.226 | 3.510 | 51.52 | 53.10 | 54.15 | 52.23 | 51.63 | 53.45 | 25.803 | 0.578 |
| 5/25/2025 20:50 | 4.153 | 3.562 | 3.510 | 3.500 | 2.482 | 3.504 | 51.17 | 53.10 | 53.97 | 52.23 | 51.19 | 53.45 | 27.432 | 0.578 |
| 5/25/2025 21:00 | 4.469 | 3.743 | 3.689 | 3.656 | 2.671 | 3.513 | 51.00 | 53.10 | 53.97 | 52.23 | 50.99 | 53.46 | 28.132 | 0.577 |
| 5/25/2025 21:10 | 4.701 | 3.877 | 3.828 | 3.772 | 2.806 | 3.508 | 50.82 | 53.10 | 54.15 | 52.23 | 50.82 | 53.46 | 28.432 | 0.577 |
| 5/25/2025 21:20 | 4.963 | 4.019 | 3.970 | 3.867 | 2.937 | 3.513 | 50.82 | 53.10 | 53.97 | 52.40 | 50.72 | 53.46 | 28.482 | 0.577 |
| 5/25/2025 21:30 | 5.164 | 4.127 | 4.089 | 3.940 | 3.059 | 3.497 | 50.64 | 52.93 | 53.62 | 52.23 | 50.61 | 53.47 | 28.599 | 0.577 |
| 5/25/2025 21:40 | 5.276 | 4.227 | 4.178 | 3.992 | 3.152 | 3.499 | 50.64 | 52.93 | 53.10 | 52.40 | 50.55 | 53.47 | 28.651 | 0.577 |
| 5/25/2025 21:50 | 5.421 | 4.319 | 4.268 | 4.061 | 3.239 | 3.509 | 50.64 | 52.75 | 52.58 | 52.40 | 50.49 | 53.47 | 28.773 | 0.578 |
| 5/25/2025 22:00 | 5.457 | 4.391 | 4.335 | 4.112 | 3.317 | 3.509 | 50.64 | 52.75 | 52.05 | 52.40 | 50.49 | 53.47 | 28.799 | 0.580 |
| 5/25/2025 22:10 | 5.489 | 4.430 | 4.377 | 4.147 | 3.353 | 3.507 | 50.64 | 52.58 | 51.70 | 52.40 | 50.53 | 53.47 | 28.810 | 0.582 |
| 5/25/2025 22:20 | 5.533 | 4.468 | 4.424 | 4.183 | 3.401 | 3.504 | 50.64 | 52.40 | 51.52 | 52.40 | 50.55 | 53.47 | 28.834 | 0.583 |
| 5/25/2025 22:30 | 5.537 | 4.514 | 4.460 | 4.217 | 3.440 | 3.501 | 50.64 | 52.40 | 51.35 | 52.40 | 50.56 | 53.47 | 28.876 | 0.585 |
| 5/25/2025 22:40 | 5.494 | 4.549 | 4.492 | 4.241 | 3.474 | 3.507 | 50.64 | 52.23 | 51.17 | 52.40 | 50.58 | 53.48 | 28.904 | 0.587 |
| 5/25/2025 22:50 | 5.424 | 4.581 | 4.526 | 4.273 | 3.501 | 3.502 | 50.64 | 52.23 | 51.00 | 52.40 | 50.60 | 53.48 | 28.932 | 0.589 |
| 5/25/2025 23:00 | 5.342 | 4.604 | 4.552 | 4.305 | 3.529 | 3.511 | 50.64 | 52.05 | 51.00 | 52.40 | 50.60 | 53.48 | 28.975 | 0.590 |
| 5/25/2025 23:10 | 5.211 | 4.624 | 4.573 | 4.332 | 3.548 | 3.515 | 50.64 | 52.05 | 50.82 | 52.40 | 50.61 | 53.48 | 29.005 | 0.592 |
| 5/25/2025 23:20 | 5.010 | 4.643 | 4.581 | 4.352 | 3.552 | 3.499 | 50.64 | 51.87 | 50.82 | 52.23 | 50.63 | 53.48 | 29.031 | 0.593 |
| 5/25/2025 23:30 | 4.864 | 4.662 | 4.610 | 4.374 | 3.576 | 3.503 | 50.64 | 51.87 | 50.82 | 52.05 | 50.62 | 53.48 | 29.072 | 0.594 |
| 5/25/2025 23:40 | 4.705 | 4.674 | 4.621 | 4.401 | 3.574 | 3.506 | 50.64 | 51.87 | 50.82 | 52.05 | 50.60 | 53.48 | 29.083 | 0.596 |
| 5/25/2025 23:50 | 4.508 | 4.654 | 4.606 | 4.416 | 3.544 | 3.503 | 50.64 | 51.70 | 50.82 | 52.05 | 50.60 | 53.48 | 29.111 | 0.597 |
| 5/26/2025 0:00 | 4.326 | 4.570 | 4.544 | 4.432 | 3.447 | 3.503 | 50.64 | 51.70 | 50.82 | 52.05 | 50.61 | 53.48 | 29.120 | 0.597 |
| 5/26/2025 0:10 | 4.148 | 4.447 | 4.435 | 4.428 | 3.315 | 3.509 | 50.64 | 51.70 | 50.82 | 52.05 | 50.61 | 53.48 | 29.040 | 0.598 |
| 5/26/2025 0:20 | 3.967 | 4.297 | 4.307 | 4.409 | 3.136 | 3.503 | 50.64 | 51.70 | 50.82 | 52.05 | 50.60 | 53.48 | 28.887 | 0.599 |
| 5/26/2025 0:30 | 3.784 | 4.151 | 4.158 | 4.386 | 2.976 | 3.513 | 50.64 | 51.70 | 51.00 | 52.05 | 50.63 | 53.48 | 28.634 | 0.601 |
| 5/26/2025 0:40 | 3.626 | 4.009 | 4.019 | 4.366 | 2.826 | 3.511 | 50.64 | 51.70 | 51.00 | 52.05 | 50.66 | 53.48 | 28.099 | 0.602 |
| 5/26/2025 0:50 | 3.437 | 3.851 | 3.863 | 4.339 | 2.647 | 3.513 | 50.82 | 51.52 | 51.17 | 52.05 | 50.71 | 53.48 | 27.928 | 0.603 |
| 5/26/2025 1:00 | 3.241 | 3.671 | 3.703 | 4.304 | 2.448 | 3.504 | 51.00 | 51.52 | 51.35 | 52.05 | 50.78 | 53.48 | 27.400 | 0.604 |
| 5/26/2025 1:10 | 3.059 | 3.498 | 3.536 | 4.277 | 2.260 | 3.504 | 51.00 | 51.52 | 51.52 | 52.05 | 50.85 | 53.48 | 27.206 | 0.605 |
| 5/26/2025 1:20 | 2.877 | 3.325 | 3.372 | 4.242 | 2.077 | 3.517 | 51.17 | 51.52 | 51.52 | 52.23 | 50.93 | 53.48 | 27.152 | 0.606 |
| 5/26/2025 1:30 | 2.713 | 3.160 | 3.226 | 4.207 | 1.904 | 3.513 | 51.35 | 51.52 | 51.70 | 52.23 | 51.01 | 53.48 | 27.048 | 0.607 |
| 5/26/2025 1:40 | 2.570 | 3.029 | 3.080 | 4.191 | 1.756 | 3.514 | 51.35 | 51.52 | 51.70 | 52.23 | 51.09 | 53.48 | 26.919 | 0.608 |
| 5/26/2025 1:50 | 2.424 | 2.891 | 2.952 | 4.141 | 1.615 | 3.514 | 51.35 | 51.52 | 51.70 | 52.23 | 51.16 | 53.48 | 26.667 | 0.608 |
| 5/26/2025 2:00 | 2.301 | 2.784 | 2.832 | 4.117 | 1.487 | 3.511 | 51.35 | 51.52 | 51.87 | 52.23 | 51.22 | 53.47 | 26.759 | 0.610 |
| 5/26/2025 2:10 | 2.190 | 2.681 | 2.730 | 4.086 | 1.369 | 3.514 | 51.17 | 51.70 | 51.87 | 52.23 | 51.26 | 53.47 | 26.743 | 0.610 |
| 5/26/2025 2:20 | 2.096 | 2.589 | 2.643 | 4.055 | 1.275 | 3.518 | 51.35 | 51.70 | 51.87 | 52.23 | 51.31 | 53.47 | 26.724 | 0.611 |
| 5/26/2025 2:30 | 1.981 | 2.508 | 2.569 | 4.016 | 1.173 | 3.504 | 51.17 | 51.70 | 51.87 | 52.23 | 51.34 | 53.47 | 26.714 | 0.612 |
| 5/26/2025 2:40 | 1.895 | 2.439 | 2.490 | 3.974 | 1.086 | 3.504 | 51.35 | 51.70 | 52.05 | 52.23 | 51.38 | 53.47 | 26.710 | 0.612 |
| 5/26/2025 2:50 | 1.817 | 2.382 | 2.435 | 3.936 | 1.000 | 3.497 | 51.35 | 51.70 | 52.05 | 52.23 | 51.41 | 53.47 | 26.678 | 0.613 |
| 5/26/2025 3:00 | 1.750 | 2.336 | 2.395 | 3.897 | 0.938 | 3.501 | 51.35 | 51.70 | 52.05 | 52.23 | 51.44 | 53.47 | 26.558 | 0.613 |
| 5/26/2025 3:10 | 1.682 | 2.301 | 2.347 | 3.854 | 0.874 | 3.507 | 51.35 | 51.70 | 52.05 | 52.23 | 51.48 | 53.46 | 26.512 | 0.613 |
| 5/26/2025 3:20 | 1.620 | 2.256 | 2.311 | 3.815 | 0.819 | 3.509 | 51.35 | 51.70 | 52.05 | 52.23 | 51.50 | 53.47 | 26.440 | 0.613 |
| 5/26/2025 3:30 | 1.560 | 2.221 | 2.277 | 3.772 | 0.776 | 3.503 | 51.35 | 51.70 | 51.87 | 52.23 | 51.51 | 53.46 | 26.280 | 0.614 |
| 5/26/2025 3:40 | 1.502 | 2.198 | 2.245 | 3.730 | 0.736 | 3.503 | 51.35 | 51.70 | 51.87 | 52.23 | 51.53 | 53.46 | 26.136 | 0.614 |
| 5/26/2025 3:50 | 1.462 | 2.172 | 2.230 | 3.699 | 0.690 | 3.515 | 51.35 | 51.70 | 51.87 | 52.23 | 51.54 | 53.46 | 26.008 | 0.614 |
| 5/26/2025 4:00 | 1.415 | 2.156 | 2.212 | 3.668 | 0.664 | 3.512 | 51.35 | 51.70 | 51.87 | 52.23 | 51.54 | 53.46 | 25.858 | 0.614 |
| 5/26/2025 4:10 | 1.372 | 2.138 | 2.172 | 3.633 | 0.633 | 3.506 | 51.35 | 51.70 | 51.87 | 52.23 | 51.54 | 53.46 | 25.785 | 0.614 |
| 5/26/2025 4:20 | 1.337 | 2.119 | 2.161 | 3.611 | 0.602 | 3.498 | 51.35 | 51.70 | 51.70 | 52.23 | 51.54 | 53.46 | 25.311 | 0.613 |
| 5/26/2025 4:30 | 1.299 | 2.101 | 2.137 | 3.585 | 0.586 | 3.505 | 51.35 | 51.70 | 51.70 | 52.23 | 51.53 | 53.45 | 25.237 | 0.613 |
| 5/26/2025 4:40 | 1.272 | 2.094 | 2.137 | 3.578 | 0.578 | 3.503 | 51.35 | 51.70 | 51.70 | 52.23 | 51.51 | 53.45 | 24.954 | 0.613 |
| 5/26/2025 4:50 | 1.241 | 2.083 | 2.133 | 3.563 | 0.568 | 3.511 | 51.35 | 51.70 | 51.52 | 52.23 | 51.49 | 53.45 | 24.700 | 0.613 |
| 5/26/2025 5:00 | 1.210 | 2.075 | 2.114 | 3.555 | 0.550 | 3.513 | 51.35 | 51.70 | 51.52 | 52.23 | 51.47 | 53.44 | 24.423 | 0.612 |
| 5/26/2025 5:10 | 1.187 | 2.068 | 2.111 | 3.548 | 0.550 | 3.502 | 51.35 | 51.70 | 51.52 | 52.23 | 51.45 | 53.44 | 24.191 | 0.611 |
| 5/26/2025 5:20 | 1.163 | 2.060 | 2.095 | 3.540 | 0.532 | 3.504 | 51.35 | 51.70 | 51.35 | 52.23 | 51.43 | 53.43 | 23.850 | 0.611 |
| 5/26/2025 5:30 | 1.144 | 2.060 | 2.102 | 3.544 | 0.532 | 3.509 | 51.35 | 51.70 | 51.35 | 52.23 | 51.40 | 53.42 | 23.541 | 0.609 |
| 5/26/2025 5:40 | 1.112 | 2.049 | 2.083 | 3.528 | 0.520 | 3.507 | 51.35 | 51.70 | 51.35 | 52.23 | 51.38 | 53.42 | 23.280 | 0.609 |
| 5/26/2025 5:50 | 1.103 | 2.052 | 2.089 | 3.531 | 0.520 | 3.504 | 51.35 | 51.70 | 51.17 | 52.23 | 51.35 | 53.41 | 23.099 | 0.609 |
| 5/26/2025 6:00 | 1.079 | 2.043 | 2.085 | 3.523 | 0.517 | 3.507 | 51.17 | 51.70 | 51.17 | 52.23 | 51.33 | 53.41 | 22.905 | 0.608 |
| 5/26/2025 6:10 | 1.058 | 2.038 | 2.072 | 3.510 | 0.508 | 3.501 | 51.17 | 51.70 | 51.17 | 52.23 | 51.30 | 53.40 | 22.734 | 0.608 |
| 5/26/2025 6:20 | 1.036 | 2.036 | 2.074 | 3.516 | 0.515 | 3.502 | 51.17 | 51.70 | 51.17 | 52.23 | 51.28 | 53.39 | 22.675 | 0.607 |
| 5/26/2025 6:30 | 1.024 | 2.027 | 2.065 | 3.510 | 0.507 | 3.500 | 51.35 | 51.70 | 51.17 | 52.23 | 51.26 | 53.38 | 22.515 | 0.607 |
| 5/26/2025 6:40 | 1.013 | 2.024 | 2.059 | 3.504 | 0.501 | 3.497 | 51.35 | 51.70 | 51.35 | 52.23 | 51.25 | 53.38 | 22.060 | 0.606 |
| 5/26/2025 6:50 | 1.002 | 2.025 | 2.063 | 3.508 | 0.492 | 3.497 | 51.35 | 51.70 | 51.35 | 52.23 | 51.24 | 53.36 | 21.684 | 0.605 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/26/2025 7:00 | 0.982 | 2.021 | 2.052 | 3.497 | 0.488 | 3.492 | 51.35 | 51.70 | 51.35 | 52.23 | 51.23 | 53.36 | 21.198 | 0.604 |
| 5/26/2025 7:10 | 0.967 | 2.017 | 2.052 | 3.485 | 0.484 | 3.492 | 51.35 | 51.70 | 51.35 | 52.23 | 51.23 | 53.35 | 20.846 | 0.602 |
| 5/26/2025 7:20 | 0.976 | 2.027 | 2.054 | 3.495 | 0.505 | 3.501 | 51.35 | 51.70 | 51.35 | 52.23 | 51.22 | 53.34 | 20.757 | 0.600 |
| 5/26/2025 7:30 | 0.952 | 2.023 | 2.051 | 3.495 | 0.495 | 3.497 | 51.35 | 51.70 | 51.52 | 52.23 | 51.22 | 53.33 | 20.305 | 0.599 |
| 5/26/2025 7:40 | 0.954 | 2.024 | 2.059 | 3.500 | 0.488 | 3.501 | 51.52 | 51.70 | 51.52 | 52.23 | 51.22 | 53.32 | 19.554 | 0.599 |
| 5/26/2025 7:50 | 0.941 | 2.026 | 2.055 | 3.502 | 0.502 | 3.507 | 51.52 | 51.70 | 51.70 | 52.23 | 51.23 | 53.31 | 18.865 | 0.598 |
| 5/26/2025 8:00 | 0.924 | 2.018 | 2.044 | 3.486 | 0.490 | 3.498 | 51.52 | 51.70 | 51.87 | 52.23 | 51.26 | 53.30 | 18.109 | 0.597 |
| 5/26/2025 8:10 | 0.925 | 2.021 | 2.044 | 3.497 | 0.494 | 3.504 | 51.70 | 51.52 | 52.05 | 52.23 | 51.28 | 53.29 | 17.193 | 0.596 |
| 5/26/2025 8:20 | 0.917 | 2.025 | 2.049 | 3.494 | 0.492 | 3.502 | 51.70 | 51.52 | 52.23 | 52.23 | 51.33 | 53.29 | 16.526 | 0.595 |
| 5/26/2025 8:30 | 0.923 | 2.026 | 2.051 | 3.499 | 0.505 | 3.518 | 51.87 | 51.52 | 52.40 | 52.23 | 51.37 | 53.28 | 15.729 | 0.594 |
| 5/26/2025 8:40 | 1.001 | 2.010 | 2.036 | 3.482 | 0.486 | 3.505 | 51.87 | 51.70 | 52.75 | 52.23 | 51.43 | 53.28 | 15.331 | 0.594 |
| 5/26/2025 8:50 | 1.133 | 2.008 | 2.041 | 3.483 | 0.496 | 3.512 | 52.05 | 51.70 | 52.93 | 52.23 | 51.51 | 53.28 | 14.917 | 0.594 |
| 5/26/2025 9:00 | 1.341 | 2.014 | 2.049 | 3.486 | 0.516 | 3.505 | 52.23 | 51.70 | 53.27 | 52.23 | 51.60 | 53.28 | 14.853 | 0.594 |
| 5/26/2025 9:10 | 1.563 | 2.012 | 2.036 | 3.476 | 0.622 | 3.496 | 52.23 | 51.70 | 53.45 | 52.23 | 51.69 | 53.28 | 15.216 | 0.595 |
| 5/26/2025 9:20 | 1.867 | 2.033 | 2.039 | 3.482 | 0.877 | 3.501 | 52.58 | 51.70 | 53.80 | 52.23 | 51.79 | 53.28 | 15.356 | 0.596 |
| 5/26/2025 9:30 | 2.208 | 2.231 | 2.204 | 3.474 | 1.167 | 3.499 | 52.23 | 51.70 | 54.15 | 52.23 | 52.10 | 53.28 | 20.494 | 0.597 |
| 5/26/2025 9:40 | 2.640 | 2.563 | 2.533 | 3.483 | 1.515 | 3.509 | 52.05 | 51.70 | 54.50 | 52.23 | 52.09 | 53.28 | 23.486 | 0.598 |
| 5/26/2025 9:50 | 3.011 | 2.879 | 2.860 | 3.477 | 1.824 | 3.509 | 51.70 | 51.70 | 54.84 | 52.23 | 51.93 | 53.29 | 25.749 | 0.599 |
| 5/26/2025 10:00 | 3.315 | 3.168 | 3.131 | 3.466 | 2.121 | 3.496 | 51.35 | 51.70 | 54.84 | 52.23 | 51.69 | 53.29 | 27.080 | 0.600 |
| 5/26/2025 10:10 | 3.583 | 3.417 | 3.375 | 3.478 | 2.353 | 3.501 | 51.35 | 51.87 | 55.02 | 52.23 | 51.55 | 53.29 | 28.087 | 0.603 |
| 5/26/2025 10:20 | 3.823 | 3.623 | 3.569 | 3.569 | 2.558 | 3.518 | 51.35 | 51.87 | 55.19 | 52.23 | 51.49 | 53.30 | 28.680 | 0.605 |
| 5/26/2025 10:30 | 3.977 | 3.750 | 3.693 | 3.686 | 2.682 | 3.503 | 51.35 | 51.87 | 55.19 | 52.23 | 51.44 | 53.30 | 29.437 | 0.607 |
| 5/26/2025 10:40 | 4.050 | 3.858 | 3.813 | 3.792 | 2.787 | 3.514 | 51.52 | 51.87 | 54.84 | 52.23 | 51.45 | 53.32 | 29.780 | 0.608 |
| 5/26/2025 10:50 | 4.120 | 3.949 | 3.915 | 3.864 | 2.884 | 3.513 | 51.52 | 51.87 | 54.15 | 52.23 | 51.58 | 53.32 | 29.840 | 0.609 |
| 5/26/2025 11:00 | 4.081 | 4.029 | 3.997 | 3.930 | 2.954 | 3.513 | 51.87 | 52.05 | 53.62 | 52.23 | 51.73 | 53.33 | 29.906 | 0.611 |
| 5/26/2025 11:10 | 4.078 | 4.080 | 4.040 | 3.981 | 3.004 | 3.511 | 51.87 | 52.05 | 53.27 | 52.23 | 51.86 | 53.34 | 29.929 | 0.612 |
| 5/26/2025 11:20 | 4.042 | 4.117 | 4.086 | 4.026 | 3.030 | 3.514 | 52.05 | 52.05 | 53.10 | 52.23 | 51.96 | 53.35 | 29.930 | 0.614 |
| 5/26/2025 11:30 | 3.941 | 4.099 | 4.075 | 4.039 | 2.995 | 3.510 | 52.23 | 52.05 | 52.93 | 52.23 | 52.01 | 53.36 | 29.904 | 0.615 |
| 5/26/2025 11:40 | 3.852 | 4.046 | 4.020 | 4.051 | 2.951 | 3.509 | 52.58 | 52.05 | 52.75 | 52.23 | 52.13 | 53.38 | 29.913 | 0.616 |
| 5/26/2025 11:50 | 3.719 | 3.965 | 3.947 | 4.008 | 2.845 | 3.491 | 52.93 | 52.05 | 52.93 | 52.23 | 52.26 | 53.39 | 29.939 | 0.612 |
| 5/26/2025 12:00 | 3.576 | 3.856 | 3.827 | 3.991 | 2.733 | 3.497 | 53.27 | 52.05 | 53.45 | 52.23 | 52.41 | 53.42 | 29.879 | 0.607 |
| 5/26/2025 12:10 | 3.395 | 3.697 | 3.677 | 3.947 | 2.571 | 3.503 | 53.62 | 52.05 | 54.50 | 52.23 | 52.66 | 53.44 | 29.621 | 0.606 |
| 5/26/2025 12:20 | 3.178 | 3.499 | 3.488 | 3.887 | 2.371 | 3.497 | 54.32 | 52.05 | 56.23 | 52.23 | 53.04 | 53.46 | 29.095 | 0.606 |
| 5/26/2025 12:30 | 2.974 | 3.297 | 3.280 | 3.833 | 2.153 | 3.509 | 55.36 | 52.05 | 57.79 | 52.23 | 53.33 | 53.48 | 28.829 | 0.608 |
| 5/26/2025 12:40 | 2.777 | 3.084 | 3.072 | 3.742 | 1.935 | 3.498 | 55.19 | 52.23 | 59.34 | 52.23 | 53.77 | 53.51 | 28.936 | 0.610 |
| 5/26/2025 12:50 | 2.583 | 2.903 | 2.891 | 3.679 | 1.746 | 3.500 | 55.19 | 52.23 | 60.71 | 52.23 | 54.24 | 53.52 | 28.923 | 0.612 |
| 5/26/2025 13:00 | 2.402 | 2.715 | 2.706 | 3.613 | 1.565 | 3.501 | 55.36 | 52.40 | 61.74 | 52.23 | 54.78 | 53.54 | 28.887 | 0.614 |
| 5/26/2025 13:10 | 2.256 | 2.565 | 2.558 | 3.574 | 1.406 | 3.507 | 55.71 | 52.58 | 62.43 | 52.40 | 55.34 | 53.56 | 28.756 | 0.614 |
| 5/26/2025 13:20 | 2.108 | 2.424 | 2.406 | 3.536 | 1.264 | 3.491 | 56.06 | 52.75 | 62.77 | 52.40 | 55.91 | 53.57 | 28.671 | 0.615 |
| 5/26/2025 13:30 | 1.979 | 2.305 | 2.294 | 3.516 | 1.130 | 3.497 | 56.40 | 52.93 | 63.11 | 52.40 | 56.54 | 53.58 | 28.626 | 0.615 |
| 5/26/2025 13:40 | 1.877 | 2.218 | 2.204 | 3.504 | 1.030 | 3.506 | 56.58 | 53.10 | 63.46 | 52.40 | 57.17 | 53.60 | 28.502 | 0.616 |
| 5/26/2025 13:50 | 1.777 | 2.135 | 2.137 | 3.487 | 0.941 | 3.491 | 56.92 | 53.27 | 63.80 | 52.40 | 57.83 | 53.62 | 28.316 | 0.616 |
| 5/26/2025 14:00 | 1.689 | 2.088 | 2.087 | 3.481 | 0.853 | 3.503 | 57.10 | 53.45 | 64.31 | 52.40 | 58.42 | 53.63 | 28.008 | 0.615 |
| 5/26/2025 14:10 | 1.610 | 2.033 | 2.047 | 3.468 | 0.775 | 3.482 | 57.44 | 53.62 | 64.65 | 52.40 | 58.96 | 53.65 | 27.738 | 0.614 |
| 5/26/2025 14:20 | 1.550 | 2.015 | 2.032 | 3.485 | 0.720 | 3.497 | 57.79 | 53.97 | 65.17 | 52.58 | 59.42 | 53.67 | 27.379 | 0.614 |
| 5/26/2025 14:30 | 1.483 | 2.004 | 2.021 | 3.477 | 0.669 | 3.488 | 58.13 | 54.15 | 65.34 | 52.58 | 59.83 | 53.69 | 27.036 | 0.614 |
| 5/26/2025 14:40 | 1.428 | 1.991 | 2.014 | 3.475 | 0.622 | 3.491 | 58.65 | 54.32 | 65.68 | 52.58 | 60.24 | 53.70 | 26.502 | 0.613 |
| 5/26/2025 14:50 | 1.372 | 1.986 | 2.013 | 3.469 | 0.590 | 3.489 | 58.99 | 54.67 | 65.85 | 52.58 | 60.66 | 53.71 | 25.849 | 0.613 |
| 5/26/2025 15:00 | 1.327 | 1.983 | 2.006 | 3.458 | 0.565 | 3.488 | 59.34 | 54.84 | 65.85 | 52.58 | 61.06 | 53.72 | 25.413 | 0.613 |
| 5/26/2025 15:10 | 1.272 | 1.975 | 1.998 | 3.457 | 0.528 | 3.478 | 59.68 | 55.02 | 66.02 | 52.58 | 61.41 | 53.74 | 25.046 | 0.612 |
| 5/26/2025 15:20 | 1.248 | 1.978 | 2.009 | 3.465 | 0.522 | 3.486 | 60.02 | 55.19 | 66.02 | 52.75 | 61.73 | 53.75 | 24.789 | 0.611 |
| 5/26/2025 15:30 | 1.210 | 1.979 | 2.009 | 3.469 | 0.512 | 3.489 | 60.37 | 55.54 | 66.02 | 52.75 | 62.02 | 53.76 | 24.455 | 0.611 |
| 5/26/2025 15:40 | 1.167 | 1.970 | 1.997 | 3.456 | 0.506 | 3.479 | 60.71 | 55.71 | 66.02 | 52.75 | 62.27 | 53.77 | 24.051 | 0.610 |
| 5/26/2025 15:50 | 1.132 | 1.959 | 1.989 | 3.452 | 0.488 | 3.475 | 60.88 | 55.88 | 66.02 | 52.75 | 62.50 | 53.78 | 23.636 | 0.611 |
| 5/26/2025 16:00 | 1.105 | 1.966 | 1.991 | 3.452 | 0.482 | 3.477 | 61.23 | 56.06 | 65.85 | 52.93 | 62.65 | 53.79 | 23.522 | 0.610 |
| 5/26/2025 16:10 | 1.085 | 1.958 | 1.998 | 3.455 | 0.474 | 3.477 | 61.40 | 56.23 | 65.85 | 52.93 | 62.79 | 53.80 | 22.800 | 0.610 |
| 5/26/2025 16:20 | 1.055 | 1.966 | 1.994 | 3.447 | 0.478 | 3.480 | 61.74 | 56.40 | 65.68 | 52.93 | 62.91 | 53.81 | 21.553 | 0.610 |
| 5/26/2025 16:30 | 1.034 | 1.962 | 2.000 | 3.454 | 0.477 | 3.479 | 61.74 | 56.58 | 65.68 | 52.93 | 62.97 | 53.82 | 21.279 | 0.609 |
| 5/26/2025 16:40 | 1.010 | 1.946 | 1.982 | 3.439 | 0.467 | 3.475 | 61.74 | 56.75 | 65.51 | 53.10 | 63.00 | 53.83 | 20.726 | 0.608 |
| 5/26/2025 16:50 | 0.983 | 1.951 | 1.987 | 3.440 | 0.457 | 3.476 | 61.74 | 56.92 | 65.34 | 53.10 | 63.01 | 53.85 | 19.753 | 0.607 |
| 5/26/2025 17:00 | 0.957 | 1.944 | 1.975 | 3.440 | 0.461 | 3.472 | 61.91 | 57.10 | 65.17 | 53.10 | 63.01 | 53.86 | 19.039 | 0.606 |
| 5/26/2025 17:10 | 0.953 | 1.949 | 1.979 | 3.441 | 0.465 | 3.482 | 61.74 | 57.27 | 65.00 | 53.10 | 62.94 | 53.87 | 19.470 | 0.605 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/26/2025 17:20 | 0.940 | 1.944 | 1.983 | 3.437 | 0.458 | 3.469 | 61.74 | 57.27 | 64.65 | 53.27 | 62.89 | 53.89 | 19.326 | 0.603 |
| 5/26/2025 17:30 | 0.922 | 1.942 | 1.980 | 3.430 | 0.451 | 3.474 | 61.74 | 57.44 | 64.48 | 53.27 | 62.83 | 53.90 | 19.529 | 0.603 |
| 5/26/2025 17:40 | 0.917 | 1.942 | 1.975 | 3.430 | 0.456 | 3.483 | 61.57 | 57.61 | 64.14 | 53.27 | 62.70 | 53.91 | 19.299 | 0.602 |
| 5/26/2025 17:50 | 0.890 | 1.943 | 1.970 | 3.432 | 0.451 | 3.469 | 61.57 | 57.61 | 63.80 | 53.45 | 62.59 | 53.92 | 19.371 | 0.601 |
| 5/26/2025 18:00 | 0.877 | 1.942 | 1.968 | 3.427 | 0.449 | 3.471 | 61.40 | 57.79 | 63.46 | 53.45 | 62.46 | 53.93 | 19.428 | 0.600 |
| 5/26/2025 18:10 | 0.874 | 1.940 | 1.975 | 3.429 | 0.448 | 3.474 | 61.23 | 57.79 | 63.11 | 53.45 | 62.31 | 53.94 | 19.556 | 0.599 |
| 5/26/2025 18:20 | 0.866 | 1.938 | 1.971 | 3.430 | 0.450 | 3.474 | 61.05 | 57.96 | 62.77 | 53.45 | 62.16 | 53.95 | 19.383 | 0.599 |
| 5/26/2025 18:30 | 0.862 | 1.945 | 1.977 | 3.434 | 0.456 | 3.486 | 61.05 | 57.96 | 62.43 | 53.62 | 61.98 | 53.95 | 19.334 | 0.598 |
| 5/26/2025 18:40 | 0.851 | 1.942 | 1.968 | 3.432 | 0.445 | 3.473 | 60.88 | 57.96 | 62.08 | 53.62 | 61.78 | 53.96 | 19.457 | 0.597 |
| 5/26/2025 18:50 | 0.842 | 1.943 | 1.978 | 3.432 | 0.446 | 3.478 | 60.54 | 57.96 | 61.74 | 53.62 | 61.58 | 53.98 | 19.457 | 0.597 |
| 5/26/2025 19:00 | 0.829 | 1.939 | 1.965 | 3.428 | 0.448 | 3.466 | 60.37 | 58.13 | 61.23 | 53.62 | 61.37 | 53.98 | 19.572 | 0.596 |
| 5/26/2025 19:10 | 0.824 | 1.939 | 1.963 | 3.424 | 0.443 | 3.474 | 60.20 | 58.13 | 60.88 | 53.80 | 61.15 | 53.99 | 19.422 | 0.596 |
| 5/26/2025 19:20 | 0.829 | 1.949 | 1.983 | 3.435 | 0.453 | 3.490 | 59.85 | 58.13 | 60.54 | 53.80 | 60.91 | 54.00 | 19.698 | 0.595 |
| 5/26/2025 19:30 | 0.805 | 1.937 | 1.962 | 3.419 | 0.441 | 3.471 | 59.68 | 58.13 | 60.20 | 53.80 | 60.69 | 54.01 | 19.295 | 0.595 |
| 5/26/2025 19:40 | 0.789 | 1.934 | 1.965 | 3.408 | 0.440 | 3.477 | 59.34 | 58.13 | 59.85 | 53.80 | 60.44 | 54.02 | 19.201 | 0.596 |
| 5/26/2025 19:50 | 0.789 | 1.936 | 1.972 | 3.418 | 0.445 | 3.486 | 59.16 | 58.13 | 59.51 | 53.80 | 60.21 | 54.02 | 19.096 | 0.596 |
| 5/26/2025 20:00 | 0.782 | 1.930 | 1.961 | 3.416 | 0.441 | 3.471 | 58.82 | 58.13 | 59.16 | 53.97 | 60.00 | 54.03 | 18.691 | 0.597 |
| 5/26/2025 20:10 | 0.784 | 1.936 | 1.962 | 3.415 | 0.435 | 3.480 | 58.65 | 58.13 | 58.82 | 53.97 | 59.75 | 54.04 | 18.647 | 0.597 |
| 5/26/2025 20:20 | 0.927 | 1.933 | 1.962 | 3.420 | 0.438 | 3.476 | 58.48 | 57.96 | 58.48 | 53.97 | 59.53 | 54.05 | 18.067 | 0.597 |
| 5/26/2025 20:30 | 1.098 | 1.942 | 1.959 | 3.410 | 0.434 | 3.481 | 58.30 | 57.96 | 58.30 | 53.97 | 59.28 | 54.05 | 18.197 | 0.598 |
| 5/26/2025 20:40 | 1.340 | 1.936 | 1.962 | 3.416 | 0.463 | 3.483 | 58.30 | 57.96 | 57.96 | 53.97 | 59.06 | 54.06 | 17.931 | 0.598 |
| 5/26/2025 20:50 | 1.668 | 1.933 | 1.958 | 3.410 | 0.671 | 3.488 | 58.13 | 57.96 | 57.61 | 54.15 | 58.83 | 54.06 | 17.932 | 0.598 |
| 5/26/2025 21:00 | 2.112 | 2.076 | 2.039 | 3.411 | 1.016 | 3.479 | 57.27 | 57.79 | 57.44 | 54.15 | 58.38 | 54.06 | 18.063 | 0.598 |
| 5/26/2025 21:10 | 2.685 | 2.434 | 2.404 | 3.404 | 1.406 | 3.483 | 55.02 | 57.79 | 57.27 | 54.15 | 56.30 | 54.07 | 22.973 | 0.599 |
| 5/26/2025 21:20 | 3.239 | 2.807 | 2.785 | 3.399 | 1.771 | 3.481 | 53.80 | 57.79 | 57.10 | 54.15 | 54.04 | 54.07 | 25.444 | 0.599 |
| 5/26/2025 21:30 | 3.746 | 3.146 | 3.118 | 3.404 | 2.097 | 3.474 | 52.75 | 57.79 | 57.10 | 54.15 | 52.90 | 54.07 | 27.208 | 0.599 |
| 5/26/2025 21:40 | 4.181 | 3.430 | 3.380 | 3.419 | 2.365 | 3.481 | 51.87 | 57.61 | 56.92 | 54.15 | 52.90 | 54.07 | 28.398 | 0.600 |
| 5/26/2025 21:50 | 4.531 | 3.638 | 3.586 | 3.524 | 2.574 | 3.490 | 51.35 | 57.61 | 57.10 | 54.15 | 51.76 | 54.07 | 29.357 | 0.600 |
| 5/26/2025 22:00 | 4.769 | 3.792 | 3.738 | 3.662 | 2.718 | 3.481 | 51.17 | 57.44 | 57.27 | 54.15 | 51.28 | 54.07 | 29.804 | 0.600 |
| 5/26/2025 22:10 | 5.014 | 3.919 | 3.884 | 3.776 | 2.867 | 3.481 | 51.00 | 57.27 | 57.27 | 54.32 | 50.97 | 54.07 | 29.936 | 0.600 |
| 5/26/2025 22:20 | 5.176 | 4.061 | 4.009 | 3.858 | 2.991 | 3.488 | 50.82 | 57.10 | 56.40 | 54.32 | 50.80 | 54.07 | 30.048 | 0.601 |
| 5/26/2025 22:30 | 5.318 | 4.162 | 4.108 | 3.920 | 3.090 | 3.472 | 50.64 | 55.88 | 55.54 | 54.32 | 50.73 | 54.07 | 30.104 | 0.603 |
| 5/26/2025 22:40 | 5.448 | 4.248 | 4.205 | 3.978 | 3.184 | 3.476 | 50.64 | 53.45 | 54.50 | 54.32 | 50.65 | 54.07 | 30.160 | 0.605 |
| 5/26/2025 22:50 | 5.511 | 4.332 | 4.288 | 4.040 | 3.260 | 3.479 | 50.47 | 52.93 | 53.27 | 54.32 | 50.55 | 54.07 | 30.159 | 0.606 |
| 5/26/2025 23:00 | 5.578 | 4.389 | 4.347 | 4.094 | 3.322 | 3.481 | 50.47 | 52.58 | 52.58 | 54.32 | 50.42 | 54.07 | 30.225 | 0.608 |
| 5/26/2025 23:10 | 5.621 | 4.434 | 4.378 | 4.125 | 3.367 | 3.481 | 50.29 | 52.23 | 52.23 | 54.32 | 50.29 | 54.07 | 30.228 | 0.609 |
| 5/26/2025 23:20 | 5.636 | 4.472 | 4.423 | 4.168 | 3.415 | 3.484 | 50.29 | 52.23 | 51.52 | 54.32 | 50.27 | 54.07 | 30.270 | 0.610 |
| 5/26/2025 23:30 | 5.572 | 4.502 | 4.458 | 4.195 | 3.434 | 3.480 | 50.11 | 52.23 | 51.35 | 54.32 | 50.21 | 54.06 | 30.276 | 0.612 |
| 5/26/2025 23:40 | 5.493 | 4.533 | 4.490 | 4.218 | 3.472 | 3.486 | 50.11 | 52.05 | 51.17 | 54.32 | 50.13 | 54.06 | 30.290 | 0.613 |
| 5/26/2025 23:50 | 5.383 | 4.560 | 4.508 | 4.240 | 3.488 | 3.476 | 50.11 | 51.87 | 51.00 | 53.97 | 50.10 | 54.05 | 30.293 | 0.615 |
| 5/27/2025 0:00 | 5.224 | 4.587 | 4.540 | 4.274 | 3.512 | 3.477 | 49.94 | 51.70 | 50.82 | 53.80 | 50.04 | 54.05 | 30.342 | 0.616 |
| 5/27/2025 0:10 | 5.082 | 4.603 | 4.548 | 4.297 | 3.527 | 3.484 | 49.94 | 51.70 | 50.82 | 53.62 | 50.01 | 54.05 | 30.373 | 0.617 |
| 5/27/2025 0:20 | 4.896 | 4.614 | 4.566 | 4.320 | 3.538 | 3.487 | 49.94 | 51.52 | 50.64 | 53.45 | 49.99 | 54.04 | 30.398 | 0.617 |
| 5/27/2025 0:30 | 4.707 | 4.614 | 4.574 | 4.339 | 3.535 | 3.478 | 49.94 | 51.35 | 50.64 | 53.27 | 50.04 | 54.04 | 30.393 | 0.617 |
| 5/27/2025 0:40 | 4.514 | 4.612 | 4.575 | 4.356 | 3.523 | 3.480 | 49.94 | 51.35 | 50.64 | 53.27 | 49.99 | 54.04 | 30.401 | 0.617 |
| 5/27/2025 0:50 | 4.310 | 4.544 | 4.529 | 4.380 | 3.426 | 3.487 | 49.94 | 51.35 | 50.64 | 53.27 | 49.99 | 54.03 | 30.380 | 0.617 |
| 5/27/2025 1:00 | 4.117 | 4.418 | 4.402 | 4.376 | 3.288 | 3.484 | 49.94 | 51.35 | 50.64 | 53.10 | 49.96 | 54.02 | 30.337 | 0.617 |
| 5/27/2025 1:10 | 3.921 | 4.258 | 4.260 | 4.351 | 3.102 | 3.482 | 49.94 | 51.70 | 50.64 | 53.27 | 49.89 | 54.02 | 30.207 | 0.616 |
| 5/27/2025 1:20 | 3.755 | 4.100 | 4.107 | 4.327 | 2.933 | 3.482 | 50.11 | 52.05 | 50.82 | 53.27 | 50.03 | 54.02 | 29.894 | 0.615 |
| 5/27/2025 1:30 | 3.566 | 3.940 | 3.955 | 4.300 | 2.754 | 3.477 | 50.29 | 52.23 | 51.00 | 53.27 | 50.24 | 54.01 | 29.561 | 0.614 |
| 5/27/2025 1:40 | 3.374 | 3.779 | 3.795 | 4.269 | 2.574 | 3.480 | 50.64 | 52.40 | 51.35 | 53.27 | 50.46 | 54.00 | 27.878 | 0.613 |
| 5/27/2025 1:50 | 3.166 | 3.588 | 3.622 | 4.242 | 2.363 | 3.490 | 51.00 | 52.58 | 51.70 | 53.27 | 50.69 | 53.99 | 28.263 | 0.612 |
| 5/27/2025 2:00 | 2.974 | 3.407 | 3.456 | 4.211 | 2.172 | 3.488 | 51.17 | 52.58 | 52.05 | 53.27 | 50.88 | 53.99 | 27.338 | 0.610 |
| 5/27/2025 2:10 | 2.789 | 3.232 | 3.271 | 4.178 | 1.986 | 3.485 | 51.35 | 52.58 | 52.23 | 53.45 | 51.05 | 53.98 | 26.562 | 0.608 |
| 5/27/2025 2:20 | 2.628 | 3.070 | 3.118 | 4.135 | 1.804 | 3.480 | 51.52 | 52.75 | 52.40 | 53.45 | 51.21 | 53.96 | 26.657 | 0.606 |
| 5/27/2025 2:30 | 2.470 | 2.928 | 2.979 | 4.101 | 1.659 | 3.493 | 51.70 | 52.75 | 52.40 | 53.62 | 51.36 | 53.95 | 26.720 | 0.604 |
| 5/27/2025 2:40 | 2.336 | 2.794 | 2.837 | 4.065 | 1.510 | 3.490 | 51.70 | 52.75 | 52.58 | 53.62 | 51.50 | 53.94 | 26.762 | 0.602 |
| 5/27/2025 2:50 | 2.198 | 2.667 | 2.717 | 4.023 | 1.380 | 3.480 | 51.70 | 52.75 | 52.75 | 53.62 | 51.64 | 53.92 | 26.794 | 0.599 |
| 5/27/2025 3:00 | 2.076 | 2.575 | 2.619 | 3.988 | 1.259 | 3.496 | 51.70 | 52.75 | 52.75 | 53.62 | 51.75 | 53.90 | 26.742 | 0.596 |
| 5/27/2025 3:10 | 1.966 | 2.477 | 2.540 | 3.939 | 1.146 | 3.484 | 51.70 | 52.75 | 52.93 | 53.80 | 51.84 | 53.88 | 26.748 | 0.593 |
| 5/27/2025 3:20 | 1.879 | 2.408 | 2.463 | 3.900 | 1.052 | 3.493 | 51.70 | 52.93 | 52.93 | 53.80 | 51.93 | 53.86 | 26.787 | 0.590 |
| 5/27/2025 3:30 | 1.788 | 2.343 | 2.394 | 3.857 | 0.973 | 3.494 | 51.70 | 52.93 | 52.93 | 53.80 | 52.01 | 53.83 | 26.685 | 0.585 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/27/2025 3:40 | 1.715 | 2.286 | 2.336 | 3.812 | 0.896 | 3.485 | 51.87 | 52.93 | 52.93 | 53.80 | 52.07 | 53.81 | 26.612 | 0.580 |
| 5/27/2025 3:50 | 1.640 | 2.229 | 2.285 | 3.754 | 0.829 | 3.484 | 51.87 | 52.93 | 52.93 | 53.80 | 52.12 | 53.77 | 26.530 | 0.576 |
| 5/27/2025 4:00 | 1.573 | 2.191 | 2.234 | 3.707 | 0.774 | 3.489 | 51.87 | 52.93 | 52.93 | 53.80 | 52.17 | 53.75 | 26.413 | 0.571 |
| 5/27/2025 4:10 | 1.507 | 2.157 | 2.205 | 3.661 | 0.723 | 3.486 | 51.87 | 52.93 | 52.75 | 53.80 | 52.20 | 53.72 | 26.337 | 0.566 |
| 5/27/2025 4:20 | 1.453 | 2.131 | 2.169 | 3.615 | 0.670 | 3.477 | 52.05 | 52.93 | 52.75 | 53.80 | 52.22 | 53.69 | 26.227 | 0.561 |
| 5/27/2025 4:30 | 1.402 | 2.108 | 2.144 | 3.588 | 0.642 | 3.476 | 52.05 | 52.93 | 52.75 | 53.80 | 52.23 | 53.66 | 25.922 | 0.557 |
| 5/27/2025 4:40 | 1.367 | 2.093 | 2.132 | 3.569 | 0.613 | 3.486 | 52.05 | 52.93 | 52.58 | 53.80 | 52.24 | 53.64 | 25.733 | 0.553 |
| 5/27/2025 4:50 | 1.320 | 2.070 | 2.103 | 3.547 | 0.593 | 3.488 | 52.05 | 52.93 | 52.58 | 53.80 | 52.24 | 53.62 | 25.571 | 0.548 |
| 5/27/2025 5:00 | 1.285 | 2.055 | 2.088 | 3.531 | 0.565 | 3.483 | 52.05 | 52.93 | 52.40 | 53.80 | 52.24 | 53.60 | 25.377 | 0.545 |
| 5/27/2025 5:10 | 1.243 | 2.044 | 2.074 | 3.520 | 0.549 | 3.478 | 52.05 | 52.93 | 52.40 | 53.80 | 52.23 | 53.58 | 25.121 | 0.541 |
| 5/27/2025 5:20 | 1.203 | 2.036 | 2.062 | 3.500 | 0.539 | 3.477 | 52.05 | 52.93 | 52.40 | 53.80 | 52.21 | 53.56 | 24.973 | 0.539 |
| 5/27/2025 5:30 | 1.175 | 2.028 | 2.061 | 3.500 | 0.526 | 3.476 | 52.05 | 52.93 | 52.23 | 53.80 | 52.19 | 53.53 | 24.764 | 0.536 |
| 5/27/2025 5:40 | 1.147 | 2.016 | 2.043 | 3.492 | 0.507 | 3.477 | 52.05 | 52.93 | 52.23 | 53.80 | 52.17 | 53.52 | 24.635 | 0.533 |
| 5/27/2025 5:50 | 1.122 | 2.011 | 2.049 | 3.487 | 0.500 | 3.482 | 52.05 | 52.93 | 52.23 | 53.80 | 52.14 | 53.50 | 24.399 | 0.531 |
| 5/27/2025 6:00 | 1.094 | 2.007 | 2.040 | 3.479 | 0.502 | 3.483 | 52.05 | 52.93 | 52.05 | 53.80 | 52.12 | 53.48 | 24.302 | 0.529 |
| 5/27/2025 6:10 | 1.070 | 2.006 | 2.032 | 3.482 | 0.491 | 3.473 | 52.05 | 52.93 | 52.05 | 53.80 | 52.09 | 53.47 | 24.084 | 0.527 |
| 5/27/2025 6:20 | 1.044 | 1.996 | 2.018 | 3.464 | 0.481 | 3.472 | 52.05 | 52.93 | 52.05 | 53.80 | 52.06 | 53.46 | 23.951 | 0.526 |
| 5/27/2025 6:30 | 1.026 | 1.998 | 2.023 | 3.474 | 0.483 | 3.483 | 52.05 | 52.93 | 52.05 | 53.80 | 52.04 | 53.45 | 23.793 | 0.525 |
| 5/27/2025 6:40 | 1.007 | 1.995 | 2.013 | 3.462 | 0.474 | 3.476 | 52.05 | 52.93 | 52.05 | 53.62 | 52.01 | 53.44 | 23.681 | 0.524 |
| 5/27/2025 6:50 | 0.988 | 1.987 | 2.009 | 3.454 | 0.469 | 3.474 | 52.05 | 52.93 | 52.05 | 53.62 | 51.99 | 53.43 | 23.598 | 0.524 |
| 5/27/2025 7:00 | 0.966 | 1.981 | 2.002 | 3.448 | 0.459 | 3.468 | 52.05 | 52.93 | 52.05 | 53.62 | 51.96 | 53.42 | 23.477 | 0.523 |
| 5/27/2025 7:10 | 0.942 | 1.980 | 2.002 | 3.436 | 0.464 | 3.466 | 52.05 | 52.93 | 52.05 | 53.62 | 51.95 | 53.42 | 23.342 | 0.522 |
| 5/27/2025 7:20 | 0.926 | 1.981 | 1.996 | 3.440 | 0.464 | 3.467 | 52.05 | 52.93 | 52.23 | 53.62 | 51.94 | 53.42 | 23.285 | 0.520 |
| 5/27/2025 7:30 | 0.922 | 1.981 | 2.006 | 3.448 | 0.461 | 3.472 | 52.05 | 52.93 | 52.23 | 53.62 | 51.94 | 53.42 | 23.234 | 0.518 |
| 5/27/2025 7:40 | 0.907 | 1.984 | 2.018 | 3.436 | 0.457 | 3.469 | 52.23 | 52.75 | 52.40 | 53.62 | 51.94 | 53.43 | 23.159 | 0.516 |
| 5/27/2025 7:50 | 0.893 | 1.993 | 2.013 | 3.430 | 0.464 | 3.464 | 52.23 | 52.75 | 52.58 | 53.62 | 51.95 | 53.43 | 23.083 | 0.514 |
| 5/27/2025 8:00 | 0.873 | 1.973 | 1.990 | 3.433 | 0.452 | 3.469 | 52.40 | 52.75 | 52.75 | 53.62 | 51.96 | 53.44 | 23.029 | 0.512 |
| 5/27/2025 8:10 | 0.857 | 1.972 | 1.976 | 3.428 | 0.450 | 3.465 | 52.58 | 52.75 | 53.10 | 53.62 | 52.00 | 53.44 | 22.947 | 0.509 |
| 5/27/2025 8:20 | 0.855 | 1.974 | 1.982 | 3.438 | 0.454 | 3.471 | 52.58 | 52.75 | 53.27 | 53.62 | 52.04 | 53.45 | 22.818 | 0.506 |
| 5/27/2025 8:30 | 0.846 | 1.968 | 1.985 | 3.429 | 0.441 | 3.467 | 52.75 | 52.75 | 53.62 | 53.62 | 52.10 | 53.45 | 22.657 | 0.503 |
| 5/27/2025 8:40 | 0.831 | 1.961 | 1.983 | 3.421 | 0.449 | 3.469 | 52.93 | 52.75 | 53.97 | 53.62 | 52.18 | 53.46 | 22.506 | 0.501 |
| 5/27/2025 8:50 | 0.825 | 1.962 | 1.974 | 3.422 | 0.439 | 3.464 | 53.10 | 52.75 | 54.32 | 53.62 | 52.28 | 53.47 | 22.410 | 0.500 |
| 5/27/2025 9:00 | 0.810 | 1.951 | 1.972 | 3.418 | 0.439 | 3.455 | 53.27 | 52.75 | 54.67 | 53.62 | 52.40 | 53.47 | 22.296 | 0.500 |
| 5/27/2025 9:10 | 0.812 | 1.963 | 1.968 | 3.423 | 0.442 | 3.472 | 53.45 | 52.75 | 55.19 | 53.62 | 52.53 | 53.48 | 22.167 | 0.499 |
| 5/27/2025 9:20 | 0.801 | 1.952 | 1.966 | 3.415 | 0.446 | 3.467 | 53.62 | 52.75 | 55.54 | 53.45 | 52.67 | 53.49 | 21.978 | 0.500 |
| 5/27/2025 9:30 | 0.797 | 1.956 | 1.964 | 3.423 | 0.444 | 3.461 | 53.80 | 52.93 | 56.06 | 53.62 | 52.83 | 53.50 | 21.771 | 0.500 |
| 5/27/2025 9:40 | 0.910 | 1.964 | 1.982 | 3.431 | 0.454 | 3.476 | 54.15 | 52.93 | 56.40 | 53.45 | 53.00 | 53.51 | 21.633 | 0.501 |
| 5/27/2025 9:50 | 1.057 | 1.962 | 1.977 | 3.435 | 0.450 | 3.474 | 54.32 | 52.93 | 56.92 | 53.45 | 53.21 | 53.52 | 21.472 | 0.502 |
| 5/27/2025 10:00 | 1.241 | 1.948 | 1.955 | 3.421 | 0.458 | 3.462 | 54.67 | 52.93 | 57.44 | 53.45 | 53.42 | 53.52 | 21.204 | 0.503 |
| 5/27/2025 10:10 | 1.481 | 1.949 | 1.959 | 3.415 | 0.535 | 3.463 | 54.84 | 52.93 | 57.96 | 53.45 | 53.65 | 53.53 | 21.066 | 0.504 |
| 5/27/2025 10:20 | 1.797 | 1.967 | 1.959 | 3.414 | 0.801 | 3.464 | 55.36 | 53.10 | 58.48 | 53.45 | 53.94 | 53.54 | 20.883 | 0.506 |
| 5/27/2025 10:30 | 2.199 | 2.173 | 2.139 | 3.416 | 1.112 | 3.470 | 54.84 | 53.10 | 58.99 | 53.45 | 54.29 | 53.56 | 20.877 | 0.507 |
| 5/27/2025 10:40 | 2.586 | 2.493 | 2.446 | 3.414 | 1.430 | 3.470 | 54.32 | 53.27 | 59.51 | 53.45 | 54.75 | 53.56 | 23.172 | 0.508 |
| 5/27/2025 10:50 | 2.993 | 2.798 | 2.761 | 3.420 | 1.740 | 3.473 | 53.80 | 53.27 | 60.02 | 53.45 | 54.38 | 53.57 | 25.423 | 0.510 |
| 5/27/2025 11:00 | 3.326 | 3.073 | 3.028 | 3.423 | 2.017 | 3.479 | 53.45 | 53.27 | 60.20 | 53.45 | 53.91 | 53.58 | 26.743 | 0.511 |
| 5/27/2025 11:10 | 3.580 | 3.333 | 3.268 | 3.428 | 2.267 | 3.480 | 53.27 | 53.45 | 60.37 | 53.45 | 53.70 | 53.59 | 27.421 | 0.513 |
| 5/27/2025 11:20 | 3.756 | 3.515 | 3.457 | 3.473 | 2.443 | 3.472 | 53.10 | 53.62 | 60.54 | 53.45 | 53.54 | 53.59 | 28.217 | 0.514 |
| 5/27/2025 11:30 | 3.873 | 3.650 | 3.587 | 3.578 | 2.573 | 3.477 | 52.93 | 53.62 | 60.20 | 53.45 | 53.39 | 53.60 | 28.746 | 0.514 |
| 5/27/2025 11:40 | 3.941 | 3.747 | 3.698 | 3.688 | 2.676 | 3.470 | 52.93 | 53.80 | 59.51 | 53.45 | 53.35 | 53.61 | 28.903 | 0.515 |
| 5/27/2025 11:50 | 3.933 | 3.831 | 3.789 | 3.765 | 2.760 | 3.474 | 52.93 | 53.80 | 58.30 | 53.45 | 53.37 | 53.62 | 28.995 | 0.515 |
| 5/27/2025 12:00 | 3.921 | 3.903 | 3.861 | 3.818 | 2.824 | 3.474 | 53.10 | 53.80 | 57.61 | 53.45 | 53.46 | 53.63 | 29.024 | 0.515 |
| 5/27/2025 12:10 | 3.903 | 3.951 | 3.911 | 3.870 | 2.874 | 3.473 | 53.27 | 53.97 | 57.10 | 53.45 | 53.54 | 53.64 | 28.996 | 0.516 |
| 5/27/2025 12:20 | 3.849 | 3.975 | 3.940 | 3.902 | 2.885 | 3.481 | 53.45 | 53.97 | 56.58 | 53.45 | 53.63 | 53.64 | 29.002 | 0.516 |
| 5/27/2025 12:30 | 3.710 | 3.916 | 3.883 | 3.912 | 2.813 | 3.479 | 53.62 | 53.97 | 56.40 | 53.45 | 53.80 | 53.65 | 29.057 | 0.518 |
| 5/27/2025 12:40 | 3.584 | 3.828 | 3.800 | 3.882 | 2.718 | 3.481 | 54.50 | 53.97 | 56.40 | 53.45 | 54.09 | 53.66 | 29.036 | 0.519 |
| 5/27/2025 12:50 | 3.454 | 3.718 | 3.685 | 3.841 | 2.610 | 3.467 | 55.19 | 53.97 | 56.58 | 53.45 | 54.33 | 53.67 | 28.944 | 0.528 |
| 5/27/2025 13:00 | 3.289 | 3.568 | 3.543 | 3.802 | 2.447 | 3.477 | 55.71 | 53.97 | 56.92 | 53.62 | 54.85 | 53.70 | 28.594 | 0.525 |
| 5/27/2025 13:10 | 3.075 | 3.378 | 3.353 | 3.742 | 2.262 | 3.483 | 56.23 | 54.15 | 59.85 | 53.62 | 55.36 | 53.72 | 28.044 | 0.522 |
| 5/27/2025 13:20 | 2.884 | 3.171 | 3.127 | 3.653 | 2.046 | 3.470 | 56.58 | 54.15 | 62.43 | 53.62 | 55.61 | 53.75 | 27.214 | 0.521 |
| 5/27/2025 13:30 | 2.678 | 2.971 | 2.944 | 3.586 | 1.843 | 3.471 | 56.58 | 54.15 | 64.14 | 53.62 | 55.59 | 53.77 | 27.196 | 0.522 |
| 5/27/2025 13:40 | 2.502 | 2.782 | 2.747 | 3.530 | 1.638 | 3.465 | 56.58 | 54.32 | 65.34 | 53.62 | 56.05 | 53.80 | 27.285 | 0.522 |
| 5/27/2025 13:50 | 2.310 | 2.607 | 2.576 | 3.492 | 1.464 | 3.466 | 56.75 | 54.50 | 66.02 | 53.62 | 56.92 | 53.82 | 27.465 | 0.523 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/27/2025 14:00 | 2.156 | 2.452 | 2.411 | 3.459 | 1.296 | 3.452 | 57.27 | 54.67 | 66.37 | 53.62 | 57.77 | 53.84 | 27.514 | 0.523 |
| 5/27/2025 14:10 | 2.013 | 2.313 | 2.282 | 3.443 | 1.160 | 3.449 | 57.27 | 54.84 | 66.54 | 53.80 | 58.57 | 53.86 | 27.457 | 0.523 |
| 5/27/2025 14:20 | 1.872 | 2.196 | 2.167 | 3.433 | 1.029 | 3.456 | 57.44 | 55.19 | 66.71 | 53.80 | 59.33 | 53.88 | 27.350 | 0.524 |
| 5/27/2025 14:30 | 1.773 | 2.106 | 2.087 | 3.423 | 0.923 | 3.461 | 57.79 | 55.36 | 67.22 | 53.80 | 60.08 | 53.90 | 27.157 | 0.524 |
| 5/27/2025 14:40 | 1.679 | 2.046 | 2.034 | 3.419 | 0.838 | 3.460 | 58.13 | 55.71 | 67.56 | 53.80 | 60.74 | 53.93 | 26.902 | 0.523 |
| 5/27/2025 14:50 | 1.599 | 1.992 | 1.996 | 3.419 | 0.768 | 3.451 | 58.82 | 55.88 | 67.91 | 53.80 | 61.33 | 53.95 | 26.527 | 0.521 |
| 5/27/2025 15:00 | 1.531 | 1.976 | 1.974 | 3.426 | 0.694 | 3.466 | 59.16 | 56.23 | 68.25 | 53.97 | 61.91 | 54.00 | 26.171 | 0.519 |
| 5/27/2025 15:10 | 1.447 | 1.949 | 1.941 | 3.414 | 0.630 | 3.456 | 59.68 | 56.40 | 68.42 | 53.97 | 62.41 | 54.04 | 25.768 | 0.518 |
| 5/27/2025 15:20 | 1.381 | 1.931 | 1.938 | 3.413 | 0.586 | 3.444 | 60.20 | 56.75 | 68.59 | 53.97 | 62.84 | 54.07 | 25.092 | 0.518 |
| 5/27/2025 15:30 | 1.319 | 1.926 | 1.933 | 3.408 | 0.541 | 3.458 | 60.88 | 56.92 | 68.59 | 53.97 | 63.24 | 54.10 | 24.659 | 0.517 |
| 5/27/2025 15:40 | 1.268 | 1.917 | 1.929 | 3.408 | 0.501 | 3.477 | 61.23 | 57.10 | 68.76 | 54.15 | 63.64 | 54.14 | 23.529 | 0.515 |
| 5/27/2025 15:50 | 1.228 | 1.916 | 1.924 | 3.410 | 0.491 | 3.521 | 61.40 | 57.27 | 68.76 | 54.15 | 63.97 | 54.18 | 22.169 | 0.511 |
| 5/27/2025 16:00 | 1.185 | 1.916 | 1.931 | 3.409 | 0.472 | 3.595 | 61.74 | 57.44 | 68.76 | 54.15 | 64.26 | 54.21 | 21.127 | 0.505 |
| 5/27/2025 16:10 | 1.144 | 1.914 | 1.932 | 3.404 | 0.459 | 3.554 | 62.08 | 57.79 | 68.76 | 54.32 | 64.52 | 54.33 | 19.736 | 0.472 |
| 5/27/2025 16:20 | 1.104 | 1.910 | 1.932 | 3.407 | 0.457 | 3.523 | 62.08 | 57.96 | 68.76 | 54.32 | 64.70 | 54.44 | 19.116 | 0.449 |
| 5/27/2025 16:30 | 1.072 | 1.904 | 1.925 | 3.405 | 0.438 | 3.495 | 62.43 | 58.13 | 68.59 | 54.32 | 64.98 | 54.56 | 15.633 | 0.432 |
| 5/27/2025 16:40 | 1.044 | 1.909 | 1.928 | 3.413 | 0.446 | 3.490 | 62.60 | 58.30 | 68.42 | 54.32 | 65.15 | 54.65 | 12.922 | 0.420 |
| 5/27/2025 16:50 | 1.021 | 1.909 | 1.924 | 3.417 | 0.439 | 3.477 | 62.77 | 58.48 | 68.25 | 54.50 | 65.28 | 54.73 | 9.217 | 0.413 |
| 5/27/2025 17:00 | 0.998 | 1.909 | 1.926 | 3.417 | 0.436 | 3.480 | 62.94 | 58.65 | 68.08 | 54.50 | 65.22 | 54.81 | 10.932 | 0.409 |
| 5/27/2025 17:10 | 0.983 | 1.902 | 1.929 | 3.417 | 0.439 | 3.490 | 63.11 | 58.65 | 67.91 | 54.50 | 65.21 | 54.89 | 10.712 | 0.405 |
| 5/27/2025 17:20 | 0.951 | 1.905 | 1.927 | 3.421 | 0.433 | 3.481 | 63.28 | 58.82 | 67.56 | 54.67 | 65.19 | 54.95 | 11.292 | 0.403 |
| 5/27/2025 17:30 | 0.923 | 1.912 | 1.929 | 3.416 | 0.433 | 3.478 | 63.46 | 58.99 | 67.39 | 54.67 | 65.19 | 55.00 | 11.759 | 0.401 |
| 5/27/2025 17:40 | 0.904 | 1.905 | 1.929 | 3.416 | 0.431 | 3.473 | 63.46 | 59.16 | 67.22 | 54.67 | 65.11 | 55.04 | 12.172 | 0.401 |
| 5/27/2025 17:50 | 0.893 | 1.903 | 1.921 | 3.414 | 0.430 | 3.466 | 63.63 | 59.34 | 66.88 | 54.84 | 65.09 | 55.05 | 11.953 | 0.403 |
| 5/27/2025 18:00 | 0.881 | 1.907 | 1.932 | 3.415 | 0.440 | 3.480 | 63.46 | 59.34 | 66.54 | 54.84 | 64.98 | 55.07 | 12.503 | 0.405 |
| 5/27/2025 18:10 | 0.865 | 1.911 | 1.930 | 3.415 | 0.434 | 3.471 | 63.28 | 59.51 | 66.19 | 54.84 | 64.86 | 55.08 | 11.943 | 0.407 |
| 5/27/2025 18:20 | 0.856 | 1.903 | 1.939 | 3.414 | 0.428 | 3.465 | 63.28 | 59.51 | 65.85 | 55.02 | 64.77 | 55.09 | 10.836 | 0.410 |
| 5/27/2025 18:30 | 0.845 | 1.909 | 1.932 | 3.413 | 0.428 | 3.461 | 63.11 | 59.68 | 65.51 | 55.02 | 64.56 | 55.11 | 11.156 | 0.412 |
| 5/27/2025 18:40 | 0.833 | 1.902 | 1.923 | 3.417 | 0.433 | 3.478 | 62.94 | 59.68 | 65.00 | 55.02 | 64.42 | 55.12 | 10.007 | 0.414 |
| 5/27/2025 18:50 | 0.821 | 1.906 | 1.940 | 3.418 | 0.433 | 3.470 | 62.77 | 59.85 | 64.65 | 55.19 | 64.24 | 55.14 | 8.375 | 0.416 |
| 5/27/2025 19:00 | 0.804 | 1.914 | 1.934 | 3.418 | 0.432 | 3.471 | 62.43 | 59.85 | 64.14 | 55.19 | 63.96 | 55.15 | 9.343 | 0.418 |
| 5/27/2025 19:10 | 0.786 | 1.898 | 1.927 | 3.406 | 0.424 | 3.467 | 62.08 | 59.85 | 63.80 | 55.19 | 63.68 | 55.17 | 9.963 | 0.420 |
| 5/27/2025 19:20 | 0.787 | 1.908 | 1.938 | 3.411 | 0.429 | 3.469 | 61.91 | 60.02 | 63.28 | 55.19 | 63.42 | 55.18 | 10.475 | 0.422 |
| 5/27/2025 19:30 | 0.783 | 1.909 | 1.938 | 3.414 | 0.429 | 3.470 | 61.57 | 60.02 | 62.94 | 55.36 | 63.21 | 55.19 | 10.434 | 0.424 |
| 5/27/2025 19:40 | 0.768 | 1.904 | 1.938 | 3.408 | 0.426 | 3.474 | 61.23 | 60.02 | 62.60 | 55.36 | 62.97 | 55.20 | 10.990 | 0.425 |
| 5/27/2025 19:50 | 0.761 | 1.912 | 1.931 | 3.410 | 0.425 | 3.475 | 61.05 | 60.02 | 62.25 | 55.36 | 62.73 | 55.21 | 11.032 | 0.427 |
| 5/27/2025 20:00 | 0.752 | 1.909 | 1.937 | 3.406 | 0.422 | 3.472 | 60.71 | 60.02 | 61.91 | 55.36 | 62.47 | 55.23 | 11.372 | 0.428 |
| 5/27/2025 20:10 | 0.737 | 1.910 | 1.937 | 3.408 | 0.430 | 3.471 | 60.54 | 60.02 | 61.57 | 55.54 | 62.24 | 55.24 | 11.411 | 0.430 |
| 5/27/2025 20:20 | 0.736 | 1.903 | 1.932 | 3.401 | 0.412 | 3.471 | 60.20 | 60.02 | 61.23 | 55.54 | 61.98 | 55.26 | 11.736 | 0.431 |
| 5/27/2025 20:30 | 0.721 | 1.900 | 1.925 | 3.398 | 0.417 | 3.474 | 60.02 | 60.02 | 61.05 | 55.54 | 61.74 | 55.27 | 11.945 | 0.432 |
| 5/27/2025 20:40 | 0.713 | 1.897 | 1.929 | 3.399 | 0.420 | 3.466 | 59.85 | 59.85 | 60.88 | 55.54 | 61.50 | 55.29 | 12.179 | 0.433 |
| 5/27/2025 20:50 | 0.709 | 1.901 | 1.924 | 3.395 | 0.420 | 3.473 | 59.68 | 59.85 | 60.54 | 55.54 | 61.26 | 55.30 | 12.277 | 0.435 |
| 5/27/2025 21:00 | 0.706 | 1.899 | 1.925 | 3.398 | 0.415 | 3.466 | 59.51 | 59.85 | 60.37 | 55.71 | 61.02 | 55.32 | 12.408 | 0.436 |
| 5/27/2025 21:10 | 0.817 | 1.904 | 1.929 | 3.395 | 0.414 | 3.466 | 59.34 | 59.85 | 60.20 | 55.71 | 60.79 | 55.33 | 12.554 | 0.437 |
| 5/27/2025 21:20 | 0.959 | 1.905 | 1.925 | 3.392 | 0.417 | 3.470 | 59.16 | 59.68 | 60.02 | 55.71 | 60.57 | 55.34 | 12.431 | 0.438 |
| 5/27/2025 21:30 | 1.200 | 1.909 | 1.925 | 3.397 | 0.423 | 3.480 | 58.99 | 59.68 | 59.85 | 55.71 | 60.36 | 55.35 | 12.546 | 0.439 |
| 5/27/2025 21:40 | 1.536 | 1.910 | 1.929 | 3.397 | 0.533 | 3.478 | 58.99 | 59.68 | 59.68 | 55.71 | 60.16 | 55.36 | 12.800 | 0.440 |
| 5/27/2025 21:50 | 1.960 | 1.941 | 1.925 | 3.387 | 0.861 | 3.471 | 58.13 | 59.51 | 59.51 | 55.71 | 59.89 | 55.36 | 13.427 | 0.440 |
| 5/27/2025 22:00 | 2.557 | 2.247 | 2.218 | 3.391 | 1.225 | 3.469 | 55.54 | 59.51 | 59.51 | 55.71 | 56.49 | 55.37 | 22.699 | 0.441 |
| 5/27/2025 22:10 | 3.070 | 2.644 | 2.609 | 3.393 | 1.619 | 3.474 | 53.97 | 59.51 | 59.34 | 55.88 | 54.08 | 55.37 | 25.662 | 0.442 |
| 5/27/2025 22:20 | 3.614 | 2.998 | 2.965 | 3.391 | 1.942 | 3.469 | 52.40 | 59.51 | 59.34 | 55.88 | 53.22 | 55.37 | 27.245 | 0.443 |
| 5/27/2025 22:30 | 4.089 | 3.288 | 3.249 | 3.390 | 2.239 | 3.474 | 51.70 | 59.34 | 59.34 | 55.88 | 52.27 | 55.37 | 28.443 | 0.443 |
| 5/27/2025 22:40 | 4.449 | 3.541 | 3.492 | 3.427 | 2.480 | 3.473 | 51.17 | 59.34 | 59.34 | 55.88 | 51.49 | 55.36 | 29.434 | 0.444 |
| 5/27/2025 22:50 | 4.759 | 3.726 | 3.677 | 3.568 | 2.657 | 3.474 | 51.00 | 59.16 | 59.51 | 55.88 | 51.07 | 55.36 | 29.966 | 0.445 |
| 5/27/2025 23:00 | 4.968 | 3.869 | 3.823 | 3.694 | 2.801 | 3.478 | 50.64 | 58.82 | 59.16 | 55.88 | 50.74 | 55.36 | 30.152 | 0.446 |
| 5/27/2025 23:10 | 5.183 | 4.004 | 3.962 | 3.793 | 2.917 | 3.478 | 50.64 | 58.30 | 57.96 | 55.88 | 50.43 | 55.36 | 30.231 | 0.446 |
| 5/27/2025 23:20 | 5.358 | 4.125 | 4.076 | 3.860 | 3.038 | 3.472 | 50.47 | 55.88 | 56.23 | 55.88 | 50.32 | 55.35 | 30.283 | 0.446 |
| 5/27/2025 23:30 | 5.469 | 4.222 | 4.184 | 3.934 | 3.133 | 3.473 | 50.47 | 53.97 | 54.67 | 55.88 | 50.29 | 55.34 | 30.274 | 0.447 |
| 5/27/2025 23:40 | 5.561 | 4.301 | 4.263 | 3.989 | 3.227 | 3.470 | 50.29 | 53.10 | 53.45 | 55.88 | 50.21 | 55.33 | 30.310 | 0.447 |
| 5/27/2025 23:50 | 5.639 | 4.369 | 4.330 | 4.051 | 3.294 | 3.473 | 50.29 | 52.75 | 52.75 | 55.88 | 50.08 | 55.33 | 30.372 | 0.447 |
| 5/28/2025 0:00 | 5.662 | 4.410 | 4.370 | 4.093 | 3.341 | 3.472 | 50.11 | 52.58 | 52.05 | 55.88 | 50.05 | 55.32 | 30.393 | 0.447 |
| 5/28/2025 0:10 | 5.652 | 4.466 | 4.422 | 4.142 | 3.391 | 3.473 | 50.11 | 52.40 | 51.70 | 55.88 | 50.08 | 55.31 | 30.397 | 0.448 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/28/2025 0:20 | 5.599 | 4.492 | 4.456 | 4.169 | 3.420 | 3.476 | 49.94 | 52.40 | 51.35 | 55.88 | 50.06 | 55.30 | 30.417 | 0.448 |
| 5/28/2025 0:30 | 5.527 | 4.526 | 4.488 | 4.199 | 3.443 | 3.479 | 49.94 | 52.23 | 51.17 | 55.88 | 50.01 | 55.30 | 30.433 | 0.448 |
| 5/28/2025 0:40 | 5.461 | 4.553 | 4.510 | 4.223 | 3.463 | 3.473 | 49.94 | 52.05 | 51.00 | 55.88 | 49.99 | 55.28 | 30.416 | 0.447 |
| 5/28/2025 0:50 | 5.305 | 4.571 | 4.527 | 4.247 | 3.498 | 3.474 | 49.94 | 52.05 | 50.82 | 55.36 | 49.95 | 55.27 | 30.466 | 0.447 |
| 5/28/2025 1:00 | 5.169 | 4.592 | 4.547 | 4.278 | 3.520 | 3.479 | 49.94 | 51.87 | 50.82 | 55.02 | 49.98 | 55.26 | 30.501 | 0.447 |
| 5/28/2025 1:10 | 4.964 | 4.608 | 4.569 | 4.300 | 3.527 | 3.474 | 49.94 | 51.70 | 50.64 | 54.67 | 49.96 | 55.25 | 30.533 | 0.446 |
| 5/28/2025 1:20 | 4.761 | 4.610 | 4.574 | 4.318 | 3.524 | 3.474 | 49.94 | 51.52 | 50.64 | 54.67 | 49.94 | 55.24 | 30.523 | 0.445 |
| 5/28/2025 1:30 | 4.565 | 4.604 | 4.565 | 4.331 | 3.510 | 3.471 | 49.94 | 51.52 | 50.64 | 54.50 | 49.92 | 55.23 | 30.537 | 0.444 |
| 5/28/2025 1:40 | 4.371 | 4.557 | 4.545 | 4.348 | 3.453 | 3.471 | 49.94 | 51.52 | 50.47 | 54.32 | 49.97 | 55.22 | 30.573 | 0.443 |
| 5/28/2025 1:50 | 4.169 | 4.461 | 4.451 | 4.356 | 3.323 | 3.474 | 49.94 | 51.35 | 50.47 | 54.32 | 49.93 | 55.21 | 30.529 | 0.442 |
| 5/28/2025 2:00 | 3.984 | 4.305 | 4.310 | 4.349 | 3.153 | 3.477 | 49.94 | 51.70 | 50.64 | 54.32 | 49.91 | 55.20 | 30.429 | 0.441 |
| 5/28/2025 2:10 | 3.772 | 4.141 | 4.151 | 4.323 | 2.960 | 3.485 | 50.11 | 51.87 | 50.82 | 54.32 | 49.97 | 55.18 | 30.259 | 0.440 |
| 5/28/2025 2:20 | 3.569 | 3.959 | 3.978 | 4.282 | 2.763 | 3.474 | 50.29 | 52.23 | 51.17 | 54.32 | 50.18 | 55.17 | 29.953 | 0.439 |
| 5/28/2025 2:30 | 3.378 | 3.787 | 3.823 | 4.255 | 2.582 | 3.475 | 50.64 | 52.58 | 51.52 | 54.32 | 50.42 | 55.16 | 29.732 | 0.438 |
| 5/28/2025 2:40 | 3.167 | 3.597 | 3.630 | 4.215 | 2.380 | 3.473 | 50.82 | 52.75 | 52.05 | 54.32 | 50.63 | 55.15 | 29.281 | 0.437 |
| 5/28/2025 2:50 | 2.964 | 3.411 | 3.446 | 4.180 | 2.165 | 3.483 | 51.35 | 52.93 | 52.58 | 54.32 | 50.83 | 55.13 | 29.178 | 0.436 |
| 5/28/2025 3:00 | 2.800 | 3.231 | 3.277 | 4.151 | 1.983 | 3.477 | 51.52 | 53.10 | 52.93 | 54.50 | 51.05 | 55.12 | 29.159 | 0.436 |
| 5/28/2025 3:10 | 2.621 | 3.072 | 3.120 | 4.115 | 1.804 | 3.481 | 51.87 | 53.10 | 53.45 | 54.67 | 51.28 | 55.11 | 29.155 | 0.435 |
| 5/28/2025 3:20 | 2.470 | 2.920 | 2.968 | 4.077 | 1.648 | 3.476 | 52.23 | 53.27 | 53.62 | 54.67 | 51.52 | 55.09 | 29.138 | 0.435 |
| 5/28/2025 3:30 | 2.320 | 2.790 | 2.831 | 4.039 | 1.501 | 3.477 | 52.23 | 53.27 | 53.97 | 54.84 | 51.78 | 55.08 | 29.093 | 0.435 |
| 5/28/2025 3:40 | 2.188 | 2.660 | 2.716 | 3.997 | 1.364 | 3.480 | 52.40 | 53.45 | 54.15 | 54.84 | 52.04 | 55.07 | 29.064 | 0.436 |
| 5/28/2025 3:50 | 2.064 | 2.561 | 2.607 | 3.951 | 1.248 | 3.478 | 52.23 | 53.45 | 54.32 | 54.84 | 52.28 | 55.06 | 29.051 | 0.437 |
| 5/28/2025 4:00 | 1.950 | 2.465 | 2.513 | 3.901 | 1.126 | 3.482 | 52.05 | 53.45 | 54.50 | 54.84 | 52.50 | 55.04 | 28.989 | 0.439 |
| 5/28/2025 4:10 | 1.848 | 2.374 | 2.426 | 3.847 | 1.020 | 3.470 | 52.23 | 53.62 | 54.67 | 55.02 | 52.69 | 55.03 | 28.924 | 0.441 |
| 5/28/2025 4:20 | 1.762 | 2.302 | 2.357 | 3.801 | 0.931 | 3.467 | 52.23 | 53.62 | 54.67 | 55.02 | 52.87 | 55.01 | 28.861 | 0.443 |
| 5/28/2025 4:30 | 1.687 | 2.249 | 2.307 | 3.755 | 0.865 | 3.478 | 52.23 | 53.80 | 54.67 | 55.02 | 53.01 | 55.00 | 28.741 | 0.445 |
| 5/28/2025 4:40 | 1.609 | 2.203 | 2.252 | 3.701 | 0.793 | 3.474 | 52.23 | 53.80 | 54.67 | 55.02 | 53.14 | 54.99 | 28.664 | 0.447 |
| 5/28/2025 4:50 | 1.543 | 2.158 | 2.219 | 3.647 | 0.736 | 3.471 | 52.40 | 53.80 | 54.50 | 55.02 | 53.23 | 54.98 | 28.540 | 0.447 |
| 5/28/2025 5:00 | 1.481 | 2.127 | 2.183 | 3.613 | 0.675 | 3.470 | 52.58 | 53.80 | 54.50 | 55.02 | 53.30 | 54.96 | 28.486 | 0.448 |
| 5/28/2025 5:10 | 1.433 | 2.108 | 2.156 | 3.584 | 0.628 | 3.469 | 52.58 | 53.97 | 54.50 | 55.02 | 53.36 | 54.95 | 28.333 | 0.448 |
| 5/28/2025 5:20 | 1.375 | 2.078 | 2.120 | 3.551 | 0.600 | 3.469 | 52.58 | 53.97 | 54.50 | 55.02 | 53.40 | 54.94 | 28.124 | 0.448 |
| 5/28/2025 5:30 | 1.332 | 2.063 | 2.102 | 3.527 | 0.562 | 3.471 | 52.75 | 53.97 | 54.32 | 55.02 | 53.42 | 54.93 | 27.951 | 0.448 |
| 5/28/2025 5:40 | 1.284 | 2.043 | 2.079 | 3.511 | 0.538 | 3.476 | 52.75 | 53.97 | 54.32 | 55.02 | 53.44 | 54.92 | 27.789 | 0.448 |
| 5/28/2025 5:50 | 1.240 | 2.030 | 2.070 | 3.502 | 0.521 | 3.465 | 52.93 | 53.97 | 54.32 | 55.02 | 53.45 | 54.90 | 27.545 | 0.448 |
| 5/28/2025 6:00 | 1.196 | 2.018 | 2.054 | 3.486 | 0.510 | 3.463 | 52.93 | 54.15 | 54.32 | 55.02 | 53.45 | 54.89 | 27.322 | 0.448 |
| 5/28/2025 6:10 | 1.164 | 2.013 | 2.050 | 3.481 | 0.501 | 3.462 | 52.93 | 54.15 | 54.32 | 55.02 | 53.45 | 54.88 | 26.955 | 0.447 |
| 5/28/2025 6:20 | 1.134 | 2.007 | 2.033 | 3.467 | 0.484 | 3.465 | 52.93 | 54.15 | 54.32 | 55.02 | 53.45 | 54.87 | 26.614 | 0.447 |
| 5/28/2025 6:30 | 1.104 | 2.001 | 2.027 | 3.461 | 0.485 | 3.469 | 52.93 | 54.15 | 54.32 | 55.02 | 53.45 | 54.86 | 26.423 | 0.447 |
| 5/28/2025 6:40 | 1.063 | 1.983 | 2.017 | 3.443 | 0.472 | 3.459 | 52.93 | 54.15 | 54.32 | 55.02 | 53.45 | 54.84 | 26.170 | 0.447 |
| 5/28/2025 6:50 | 1.039 | 1.983 | 2.013 | 3.443 | 0.469 | 3.450 | 52.93 | 54.15 | 54.32 | 55.02 | 53.45 | 54.83 | 25.862 | 0.447 |
| 5/28/2025 7:00 | 1.025 | 1.984 | 2.014 | 3.444 | 0.461 | 3.462 | 53.10 | 54.15 | 54.32 | 55.02 | 53.46 | 54.82 | 25.644 | 0.446 |
| 5/28/2025 7:10 | 1.001 | 1.980 | 2.003 | 3.436 | 0.463 | 3.458 | 53.10 | 54.15 | 54.32 | 55.02 | 53.46 | 54.81 | 25.461 | 0.446 |
| 5/28/2025 7:20 | 0.978 | 1.974 | 2.005 | 3.434 | 0.463 | 3.464 | 53.10 | 54.15 | 54.50 | 55.02 | 53.47 | 54.80 | 25.277 | 0.446 |
| 5/28/2025 7:30 | 0.953 | 1.967 | 1.999 | 3.431 | 0.452 | 3.456 | 53.27 | 54.15 | 54.50 | 55.02 | 53.50 | 54.80 | 25.084 | 0.446 |
| 5/28/2025 7:40 | 0.928 | 1.962 | 1.995 | 3.423 | 0.453 | 3.463 | 53.27 | 54.15 | 54.67 | 55.02 | 53.52 | 54.79 | 24.845 | 0.445 |
| 5/28/2025 7:50 | 0.910 | 1.963 | 1.988 | 3.415 | 0.450 | 3.456 | 53.45 | 54.15 | 54.84 | 55.02 | 53.56 | 54.78 | 24.573 | 0.445 |
| 5/28/2025 8:00 | 0.897 | 1.961 | 1.984 | 3.421 | 0.450 | 3.485 | 53.62 | 54.15 | 55.02 | 55.02 | 53.61 | 54.77 | 24.159 | 0.445 |
| 5/28/2025 8:10 | 0.889 | 1.962 | 1.989 | 3.418 | 0.451 | 3.489 | 53.62 | 54.15 | 55.19 | 55.02 | 53.65 | 54.76 | 24.009 | 0.444 |
| 5/28/2025 8:20 | 0.866 | 1.950 | 1.978 | 3.417 | 0.439 | 3.480 | 53.80 | 54.15 | 55.54 | 55.02 | 53.71 | 54.76 | 23.860 | 0.443 |
| 5/28/2025 8:30 | 0.854 | 1.960 | 1.978 | 3.419 | 0.446 | 3.534 | 53.97 | 54.15 | 55.88 | 54.84 | 53.80 | 54.75 | 23.557 | 0.441 |
| 5/28/2025 8:40 | 0.837 | 1.947 | 1.974 | 3.413 | 0.439 | 3.561 | 54.15 | 54.15 | 56.23 | 54.84 | 53.88 | 54.75 | 23.450 | 0.435 |
| 5/28/2025 8:50 | 0.819 | 1.940 | 1.962 | 3.403 | 0.435 | 3.536 | 54.32 | 54.15 | 56.58 | 54.84 | 54.00 | 54.75 | 23.187 | 0.418 |
| 5/28/2025 9:00 | 0.811 | 1.951 | 1.963 | 3.410 | 0.428 | 3.520 | 54.32 | 54.15 | 56.92 | 54.84 | 54.14 | 54.75 | 22.935 | 0.410 |
| 5/28/2025 9:10 | 0.799 | 1.943 | 1.960 | 3.409 | 0.431 | 3.522 | 54.67 | 54.32 | 57.27 | 54.84 | 54.28 | 54.74 | 22.954 | 0.403 |
| 5/28/2025 9:20 | 0.786 | 1.937 | 1.959 | 3.407 | 0.430 | 3.515 | 54.84 | 54.32 | 57.61 | 54.84 | 54.43 | 54.75 | 22.969 | 0.394 |
| 5/28/2025 9:30 | 0.789 | 1.940 | 1.968 | 3.417 | 0.429 | 3.501 | 55.02 | 54.32 | 58.13 | 54.84 | 54.60 | 54.75 | 22.881 | 0.385 |
| 5/28/2025 9:40 | 0.778 | 1.944 | 1.959 | 3.418 | 0.437 | 3.494 | 55.19 | 54.32 | 58.48 | 54.84 | 54.82 | 54.75 | 22.602 | 0.378 |
| 5/28/2025 9:50 | 0.764 | 1.945 | 1.958 | 3.418 | 0.435 | 3.488 | 55.54 | 54.32 | 58.99 | 54.84 | 55.04 | 54.76 | 22.273 | 0.373 |
| 5/28/2025 10:00 | 0.763 | 1.947 | 1.963 | 3.424 | 0.436 | 3.488 | 55.71 | 54.50 | 59.51 | 54.84 | 55.24 | 54.77 | 22.120 | 0.370 |
| 5/28/2025 10:10 | 0.748 | 1.939 | 1.960 | 3.412 | 0.428 | 3.483 | 56.06 | 54.50 | 60.02 | 54.84 | 55.49 | 54.77 | 21.932 | 0.368 |
| 5/28/2025 10:20 | 0.742 | 1.936 | 1.955 | 3.409 | 0.430 | 3.484 | 56.23 | 54.50 | 60.37 | 54.84 | 55.78 | 54.79 | 21.300 | 0.366 |
| 5/28/2025 10:30 | 0.764 | 1.934 | 1.955 | 3.415 | 0.433 | 3.480 | 56.58 | 54.67 | 60.88 | 54.84 | 56.03 | 54.80 | 21.258 | 0.365 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/28/2025 10:40 | 0.929 | 1.936 | 1.952 | 3.409 | 0.436 | 3.479 | 56.75 | 54.67 | 61.40 | 54.84 | 56.29 | 54.82 | 21.076 | 0.363 |
| 5/28/2025 10:50 | 1.093 | 1.930 | 1.945 | 3.415 | 0.438 | 3.474 | 56.92 | 54.84 | 61.91 | 54.84 | 56.59 | 54.84 | 20.908 | 0.360 |
| 5/28/2025 11:00 | 1.320 | 1.928 | 1.948 | 3.408 | 0.440 | 3.475 | 57.27 | 54.84 | 62.43 | 54.84 | 56.88 | 54.86 | 20.916 | 0.358 |
| 5/28/2025 11:10 | 1.607 | 1.922 | 1.941 | 3.406 | 0.638 | 3.467 | 57.44 | 55.02 | 62.94 | 54.84 | 57.19 | 54.88 | 20.615 | 0.357 |
| 5/28/2025 11:20 | 1.979 | 2.020 | 1.978 | 3.396 | 0.962 | 3.457 | 58.13 | 55.02 | 63.46 | 54.84 | 57.59 | 54.90 | 20.563 | 0.356 |
| 5/28/2025 11:30 | 2.355 | 2.309 | 2.270 | 3.401 | 1.243 | 3.464 | 57.96 | 55.19 | 63.97 | 54.84 | 57.94 | 54.92 | 20.421 | 0.357 |
| 5/28/2025 11:40 | 2.722 | 2.606 | 2.570 | 3.398 | 1.548 | 3.470 | 57.61 | 55.36 | 64.48 | 54.67 | 58.03 | 54.93 | 20.477 | 0.359 |
| 5/28/2025 11:50 | 3.074 | 2.899 | 2.867 | 3.399 | 1.837 | 3.465 | 57.44 | 55.54 | 64.65 | 54.67 | 57.96 | 54.94 | 20.647 | 0.361 |
| 5/28/2025 12:00 | 3.358 | 3.141 | 3.113 | 3.388 | 2.088 | 3.463 | 57.44 | 55.54 | 64.83 | 54.67 | 57.92 | 54.95 | 21.176 | 0.363 |
| 5/28/2025 12:10 | 3.541 | 3.359 | 3.317 | 3.394 | 2.290 | 3.463 | 56.92 | 55.71 | 64.83 | 54.67 | 57.68 | 54.96 | 22.376 | 0.366 |
| 5/28/2025 12:20 | 3.683 | 3.515 | 3.471 | 3.459 | 2.445 | 3.464 | 56.23 | 55.88 | 64.48 | 54.67 | 57.26 | 54.98 | 23.550 | 0.368 |
| 5/28/2025 12:30 | 3.768 | 3.626 | 3.584 | 3.563 | 2.552 | 3.458 | 56.06 | 56.06 | 63.97 | 54.84 | 56.81 | 54.99 | 24.416 | 0.371 |
| 5/28/2025 12:40 | 3.785 | 3.709 | 3.676 | 3.658 | 2.637 | 3.458 | 55.88 | 56.23 | 63.46 | 54.84 | 56.56 | 55.00 | 24.917 | 0.374 |
| 5/28/2025 12:50 | 3.825 | 3.779 | 3.750 | 3.721 | 2.708 | 3.454 | 55.88 | 56.40 | 62.60 | 54.84 | 56.47 | 55.01 | 25.240 | 0.377 |
| 5/28/2025 13:00 | 3.794 | 3.826 | 3.809 | 3.772 | 2.754 | 3.457 | 55.88 | 56.58 | 61.91 | 54.84 | 56.43 | 55.02 | 25.465 | 0.380 |
| 5/28/2025 13:10 | 3.755 | 3.866 | 3.842 | 3.820 | 2.785 | 3.456 | 55.88 | 56.58 | 61.57 | 54.84 | 56.45 | 55.04 | 25.500 | 0.384 |
| 5/28/2025 13:20 | 3.685 | 3.836 | 3.820 | 3.836 | 2.758 | 3.470 | 55.88 | 56.75 | 61.23 | 54.84 | 56.49 | 55.05 | 25.609 | 0.387 |
| 5/28/2025 13:30 | 3.559 | 3.786 | 3.761 | 3.820 | 2.691 | 3.477 | 56.23 | 56.75 | 61.05 | 54.84 | 56.55 | 55.07 | 25.759 | 0.389 |
| 5/28/2025 13:40 | 3.410 | 3.667 | 3.633 | 3.781 | 2.551 | 3.478 | 56.75 | 56.92 | 61.05 | 54.84 | 56.69 | 55.09 | 25.562 | 0.391 |
| 5/28/2025 13:50 | 3.247 | 3.522 | 3.502 | 3.724 | 2.413 | 3.470 | 57.10 | 56.92 | 61.74 | 54.84 | 57.03 | 55.11 | 25.195 | 0.393 |
| 5/28/2025 14:00 | 3.075 | 3.354 | 3.314 | 3.654 | 2.241 | 3.475 | 57.44 | 56.92 | 64.48 | 54.84 | 57.39 | 55.13 | 24.865 | 0.394 |
| 5/28/2025 14:10 | 2.879 | 3.156 | 3.130 | 3.582 | 2.040 | 3.481 | 57.61 | 57.10 | 66.37 | 54.84 | 57.55 | 55.15 | 24.872 | 0.397 |
| 5/28/2025 14:20 | 2.682 | 2.956 | 2.933 | 3.516 | 1.833 | 3.465 | 57.79 | 57.10 | 67.39 | 55.02 | 57.78 | 55.17 | 24.831 | 0.399 |
| 5/28/2025 14:30 | 2.473 | 2.749 | 2.728 | 3.470 | 1.621 | 3.473 | 57.96 | 57.27 | 68.08 | 55.02 | 58.28 | 55.19 | 24.818 | 0.402 |
| 5/28/2025 14:40 | 2.287 | 2.568 | 2.545 | 3.441 | 1.440 | 3.460 | 58.13 | 57.44 | 68.42 | 55.02 | 59.04 | 55.21 | 24.831 | 0.406 |
| 5/28/2025 14:50 | 2.121 | 2.418 | 2.395 | 3.421 | 1.270 | 3.464 | 58.48 | 57.61 | 68.42 | 55.02 | 60.09 | 55.24 | 24.906 | 0.411 |
| 5/28/2025 15:00 | 1.975 | 2.278 | 2.261 | 3.419 | 1.130 | 3.470 | 58.82 | 57.79 | 68.25 | 55.02 | 60.91 | 55.26 | 24.899 | 0.415 |
| 5/28/2025 15:10 | 1.845 | 2.159 | 2.151 | 3.407 | 0.989 | 3.462 | 59.16 | 57.96 | 68.25 | 55.19 | 61.61 | 55.28 | 24.804 | 0.419 |
| 5/28/2025 15:20 | 1.741 | 2.061 | 2.062 | 3.400 | 0.877 | 3.466 | 59.68 | 58.13 | 68.59 | 55.19 | 62.21 | 55.31 | 24.580 | 0.423 |
| 5/28/2025 15:30 | 1.636 | 1.988 | 1.997 | 3.396 | 0.775 | 3.459 | 60.20 | 58.30 | 68.76 | 55.19 | 62.76 | 55.33 | 24.235 | 0.426 |
| 5/28/2025 15:40 | 1.551 | 1.949 | 1.956 | 3.390 | 0.688 | 3.459 | 61.05 | 58.48 | 68.93 | 55.19 | 63.23 | 55.35 | 23.577 | 0.429 |
| 5/28/2025 15:50 | 1.471 | 1.926 | 1.939 | 3.390 | 0.619 | 3.458 | 61.74 | 58.65 | 69.11 | 55.19 | 63.63 | 55.37 | 23.152 | 0.431 |
| 5/28/2025 16:00 | 1.396 | 1.898 | 1.919 | 3.390 | 0.553 | 3.453 | 62.25 | 58.82 | 69.28 | 55.36 | 64.01 | 55.40 | 22.099 | 0.433 |
| 5/28/2025 16:10 | 1.325 | 1.901 | 1.914 | 3.384 | 0.508 | 3.453 | 62.60 | 58.99 | 69.28 | 55.36 | 64.35 | 55.41 | 20.988 | 0.435 |
| 5/28/2025 16:20 | 1.277 | 1.897 | 1.911 | 3.384 | 0.472 | 3.450 | 62.43 | 59.16 | 69.28 | 55.36 | 64.63 | 55.43 | 20.594 | 0.437 |
| 5/28/2025 16:30 | 1.226 | 1.886 | 1.899 | 3.380 | 0.448 | 3.448 | 62.43 | 59.34 | 69.11 | 55.36 | 64.81 | 55.44 | 20.092 | 0.440 |
| 5/28/2025 16:40 | 1.181 | 1.880 | 1.903 | 3.386 | 0.435 | 3.443 | 62.94 | 59.51 | 68.93 | 55.54 | 64.97 | 55.46 | 20.091 | 0.444 |
| 5/28/2025 16:50 | 1.133 | 1.880 | 1.898 | 3.386 | 0.430 | 3.449 | 62.94 | 59.68 | 68.76 | 55.54 | 65.17 | 55.47 | 19.439 | 0.447 |
| 5/28/2025 17:00 | 1.088 | 1.879 | 1.912 | 3.380 | 0.421 | 3.448 | 62.94 | 59.85 | 68.76 | 55.54 | 65.28 | 55.49 | 18.912 | 0.449 |
| 5/28/2025 17:10 | 1.057 | 1.879 | 1.902 | 3.380 | 0.416 | 3.445 | 63.11 | 60.02 | 68.42 | 55.54 | 65.41 | 55.50 | 17.551 | 0.450 |
| 5/28/2025 17:20 | 1.028 | 1.877 | 1.904 | 3.379 | 0.418 | 3.439 | 63.11 | 60.02 | 68.25 | 55.71 | 65.51 | 55.52 | 16.297 | 0.451 |
| 5/28/2025 17:30 | 0.996 | 1.873 | 1.902 | 3.378 | 0.417 | 3.443 | 63.28 | 60.20 | 67.91 | 55.71 | 65.55 | 55.53 | 14.912 | 0.452 |
| 5/28/2025 17:40 | 0.976 | 1.878 | 1.901 | 3.383 | 0.413 | 3.448 | 63.28 | 60.37 | 67.56 | 55.71 | 65.56 | 55.55 | 13.393 | 0.453 |
| 5/28/2025 17:50 | 0.941 | 1.873 | 1.907 | 3.379 | 0.415 | 3.441 | 63.46 | 60.37 | 67.39 | 55.88 | 65.47 | 55.56 | 13.778 | 0.453 |
| 5/28/2025 18:00 | 0.925 | 1.870 | 1.895 | 3.379 | 0.410 | 3.454 | 63.46 | 60.54 | 67.05 | 55.88 | 65.45 | 55.57 | 12.039 | 0.453 |
| 5/28/2025 18:10 | 0.897 | 1.870 | 1.889 | 3.367 | 0.414 | 3.446 | 63.46 | 60.71 | 66.71 | 55.88 | 65.39 | 55.58 | 10.498 | 0.453 |
| 5/28/2025 18:20 | 0.886 | 1.876 | 1.898 | 3.381 | 0.419 | 3.452 | 63.28 | 60.71 | 66.37 | 55.88 | 65.28 | 55.59 | 10.208 | 0.453 |
| 5/28/2025 18:30 | 0.868 | 1.886 | 1.902 | 3.383 | 0.417 | 3.460 | 63.11 | 60.71 | 66.02 | 56.06 | 65.14 | 55.60 | 9.726 | 0.453 |
| 5/28/2025 18:40 | 0.846 | 1.881 | 1.898 | 3.378 | 0.415 | 3.457 | 63.11 | 60.88 | 65.68 | 56.06 | 65.00 | 55.60 | 8.983 | 0.453 |
| 5/28/2025 18:50 | 0.842 | 1.881 | 1.900 | 3.370 | 0.411 | 3.460 | 63.11 | 60.88 | 65.34 | 56.06 | 64.84 | 55.61 | 8.632 | 0.453 |
| 5/28/2025 19:00 | 0.823 | 1.889 | 1.903 | 3.382 | 0.420 | 3.461 | 63.11 | 61.05 | 65.00 | 56.06 | 64.65 | 55.62 | 8.300 | 0.453 |
| 5/28/2025 19:10 | 0.806 | 1.877 | 1.890 | 3.374 | 0.409 | 3.454 | 62.77 | 61.05 | 64.65 | 56.23 | 64.44 | 55.63 | 8.325 | 0.453 |
| 5/28/2025 19:20 | 0.793 | 1.877 | 1.899 | 3.378 | 0.411 | 3.460 | 62.60 | 61.05 | 64.31 | 56.23 | 64.19 | 55.63 | 9.262 | 0.453 |
| 5/28/2025 19:30 | 0.775 | 1.876 | 1.897 | 3.374 | 0.395 | 3.451 | 62.43 | 61.05 | 63.97 | 56.23 | 63.99 | 55.64 | 8.434 | 0.453 |
| 5/28/2025 19:40 | 0.768 | 1.882 | 1.898 | 3.379 | 0.402 | 3.461 | 62.08 | 61.05 | 63.63 | 56.23 | 63.74 | 55.65 | 8.923 | 0.453 |
| 5/28/2025 19:50 | 0.758 | 1.876 | 1.898 | 3.378 | 0.408 | 3.460 | 61.91 | 61.05 | 63.28 | 56.40 | 63.47 | 55.65 | 9.598 | 0.453 |
| 5/28/2025 20:00 | 0.758 | 1.882 | 1.902 | 3.380 | 0.409 | 3.462 | 61.57 | 61.05 | 62.94 | 56.40 | 63.25 | 55.65 | 9.063 | 0.453 |
| 5/28/2025 20:10 | 0.739 | 1.871 | 1.898 | 3.373 | 0.411 | 3.456 | 61.40 | 61.05 | 62.60 | 56.40 | 62.99 | 55.65 | 9.637 | 0.453 |
| 5/28/2025 20:20 | 0.727 | 1.880 | 1.898 | 3.375 | 0.408 | 3.469 | 61.05 | 61.05 | 62.25 | 56.40 | 62.72 | 55.65 | 10.161 | 0.453 |
| 5/28/2025 20:30 | 0.727 | 1.878 | 1.905 | 3.373 | 0.410 | 3.466 | 60.88 | 61.05 | 61.91 | 56.58 | 62.47 | 55.66 | 10.468 | 0.453 |
| 5/28/2025 20:40 | 0.718 | 1.882 | 1.911 | 3.377 | 0.415 | 3.466 | 60.54 | 61.05 | 61.57 | 56.58 | 62.26 | 55.66 | 9.933 | 0.453 |
| 5/28/2025 20:50 | 0.704 | 1.884 | 1.901 | 3.371 | 0.412 | 3.458 | 60.37 | 61.05 | 61.40 | 56.58 | 62.03 | 55.66 | 9.978 | 0.453 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/28/2025 21:00 | 0.696 | 1.876 | 1.897 | 3.364 | 0.408 | 3.455 | 60.20 | 60.88 | 61.05 | 56.58 | 61.79 | 55.66 | 9.680 | 0.453 |
| 5/28/2025 21:10 | 0.676 | 1.870 | 1.886 | 3.361 | 0.395 | 3.452 | 59.85 | 60.88 | 60.88 | 56.58 | 61.56 | 55.65 | 9.807 | 0.453 |
| 5/28/2025 21:20 | 0.665 | 1.871 | 1.893 | 3.366 | 0.399 | 3.453 | 59.68 | 60.88 | 60.54 | 56.58 | 61.33 | 55.65 | 9.716 | 0.453 |
| 5/28/2025 21:30 | 0.660 | 1.875 | 1.885 | 3.364 | 0.395 | 3.454 | 59.34 | 60.88 | 60.37 | 56.75 | 61.11 | 55.65 | 10.189 | 0.452 |
| 5/28/2025 21:40 | 0.645 | 1.868 | 1.874 | 3.357 | 0.388 | 3.450 | 59.16 | 60.71 | 60.20 | 56.75 | 60.89 | 55.65 | 10.506 | 0.452 |
| 5/28/2025 21:50 | 0.645 | 1.869 | 1.875 | 3.358 | 0.397 | 3.454 | 58.99 | 60.71 | 60.02 | 56.75 | 60.67 | 55.65 | 10.753 | 0.451 |
| 5/28/2025 22:00 | 0.649 | 1.869 | 1.878 | 3.358 | 0.399 | 3.457 | 58.82 | 60.71 | 59.85 | 56.75 | 60.47 | 55.65 | 10.927 | 0.451 |
| 5/28/2025 22:10 | 0.807 | 1.862 | 1.870 | 3.352 | 0.386 | 3.454 | 58.65 | 60.54 | 59.68 | 56.75 | 60.27 | 55.64 | 10.926 | 0.450 |
| 5/28/2025 22:20 | 1.012 | 1.859 | 1.870 | 3.348 | 0.388 | 3.448 | 58.48 | 60.54 | 59.51 | 56.75 | 60.07 | 55.64 | 11.167 | 0.450 |
| 5/28/2025 22:30 | 1.280 | 1.862 | 1.878 | 3.344 | 0.394 | 3.448 | 58.48 | 60.37 | 59.51 | 56.75 | 59.89 | 55.64 | 11.202 | 0.449 |
| 5/28/2025 22:40 | 1.706 | 1.874 | 1.881 | 3.356 | 0.631 | 3.463 | 58.48 | 60.37 | 59.34 | 56.75 | 59.70 | 55.63 | 11.319 | 0.448 |
| 5/28/2025 22:50 | 2.180 | 2.031 | 2.001 | 3.349 | 1.000 | 3.455 | 56.23 | 60.37 | 59.16 | 56.75 | 58.00 | 55.63 | 18.875 | 0.448 |
| 5/28/2025 23:00 | 2.768 | 2.399 | 2.360 | 3.345 | 1.374 | 3.458 | 54.32 | 60.20 | 59.16 | 56.75 | 54.82 | 55.63 | 24.688 | 0.447 |
| 5/28/2025 23:10 | 3.266 | 2.731 | 2.699 | 3.340 | 1.694 | 3.445 | 52.93 | 60.20 | 58.99 | 56.92 | 53.74 | 55.62 | 26.318 | 0.446 |
| 5/28/2025 23:20 | 3.767 | 3.023 | 2.982 | 3.345 | 1.971 | 3.456 | 52.23 | 60.02 | 58.99 | 56.92 | 53.48 | 55.62 | 27.710 | 0.446 |
| 5/28/2025 23:30 | 4.192 | 3.285 | 3.231 | 3.353 | 2.209 | 3.464 | 51.70 | 60.02 | 58.99 | 56.92 | 52.16 | 55.62 | 28.565 | 0.445 |
| 5/28/2025 23:40 | 4.491 | 3.492 | 3.426 | 3.385 | 2.417 | 3.461 | 51.35 | 59.68 | 59.16 | 56.92 | 51.55 | 55.61 | 29.206 | 0.445 |
| 5/28/2025 23:50 | 4.732 | 3.649 | 3.584 | 3.506 | 2.571 | 3.453 | 51.00 | 59.16 | 59.16 | 56.92 | 51.16 | 55.60 | 29.850 | 0.444 |
| 5/29/2025 0:00 | 4.938 | 3.779 | 3.721 | 3.619 | 2.692 | 3.451 | 51.00 | 58.65 | 58.48 | 56.92 | 50.96 | 55.60 | 30.055 | 0.443 |
| 5/29/2025 0:10 | 5.093 | 3.878 | 3.827 | 3.710 | 2.795 | 3.454 | 50.82 | 58.13 | 56.75 | 56.92 | 50.89 | 55.60 | 30.091 | 0.442 |
| 5/29/2025 0:20 | 5.264 | 3.978 | 3.938 | 3.781 | 2.894 | 3.449 | 50.82 | 57.61 | 55.71 | 56.92 | 50.82 | 55.59 | 30.162 | 0.442 |
| 5/29/2025 0:30 | 5.348 | 4.067 | 4.020 | 3.844 | 2.981 | 3.444 | 50.82 | 55.88 | 55.02 | 56.92 | 50.76 | 55.59 | 30.249 | 0.441 |
| 5/29/2025 0:40 | 5.396 | 4.132 | 4.097 | 3.895 | 3.059 | 3.445 | 50.82 | 53.80 | 54.15 | 56.92 | 50.72 | 55.59 | 30.312 | 0.441 |
| 5/29/2025 0:50 | 5.460 | 4.200 | 4.168 | 3.950 | 3.124 | 3.455 | 50.82 | 53.10 | 53.45 | 56.92 | 50.67 | 55.58 | 30.343 | 0.440 |
| 5/29/2025 1:00 | 5.460 | 4.261 | 4.224 | 4.009 | 3.184 | 3.450 | 50.82 | 52.75 | 52.75 | 56.92 | 50.63 | 55.58 | 30.389 | 0.440 |
| 5/29/2025 1:10 | 5.421 | 4.300 | 4.267 | 4.048 | 3.218 | 3.449 | 50.82 | 52.75 | 52.40 | 56.92 | 50.61 | 55.58 | 30.385 | 0.440 |
| 5/29/2025 1:20 | 5.381 | 4.338 | 4.299 | 4.079 | 3.254 | 3.445 | 50.64 | 52.40 | 52.05 | 56.92 | 50.60 | 55.57 | 30.403 | 0.439 |
| 5/29/2025 1:30 | 5.291 | 4.373 | 4.331 | 4.107 | 3.290 | 3.452 | 50.64 | 52.23 | 51.87 | 56.92 | 50.56 | 55.57 | 30.411 | 0.439 |
| 5/29/2025 1:40 | 5.144 | 4.392 | 4.352 | 4.134 | 3.309 | 3.442 | 50.64 | 52.23 | 51.52 | 56.92 | 50.58 | 55.56 | 30.425 | 0.439 |
| 5/29/2025 1:50 | 5.025 | 4.414 | 4.370 | 4.161 | 3.325 | 3.449 | 50.64 | 52.05 | 51.52 | 56.92 | 50.56 | 55.56 | 30.399 | 0.439 |
| 5/29/2025 2:00 | 4.868 | 4.418 | 4.376 | 4.173 | 3.332 | 3.436 | 50.64 | 51.87 | 51.35 | 56.92 | 50.58 | 55.55 | 30.378 | 0.439 |
| 5/29/2025 2:10 | 4.669 | 4.433 | 4.397 | 4.195 | 3.348 | 3.446 | 50.64 | 51.87 | 51.17 | 56.75 | 50.66 | 55.55 | 30.374 | 0.439 |
| 5/29/2025 2:20 | 4.466 | 4.444 | 4.405 | 4.219 | 3.343 | 3.456 | 50.47 | 51.70 | 51.17 | 56.23 | 50.72 | 55.54 | 30.354 | 0.439 |
| 5/29/2025 2:30 | 4.285 | 4.417 | 4.394 | 4.229 | 3.323 | 3.443 | 50.64 | 51.70 | 51.17 | 55.88 | 50.79 | 55.54 | 30.329 | 0.438 |
| 5/29/2025 2:40 | 4.048 | 4.322 | 4.303 | 4.236 | 3.203 | 3.442 | 50.47 | 51.70 | 51.17 | 55.54 | 50.66 | 55.53 | 30.267 | 0.438 |
| 5/29/2025 2:50 | 3.834 | 4.168 | 4.157 | 4.223 | 3.009 | 3.447 | 50.47 | 51.87 | 51.17 | 55.36 | 50.47 | 55.53 | 30.289 | 0.438 |
| 5/29/2025 3:00 | 3.617 | 3.981 | 3.982 | 4.191 | 2.795 | 3.451 | 50.47 | 52.40 | 51.35 | 55.36 | 50.43 | 55.52 | 30.171 | 0.438 |
| 5/29/2025 3:10 | 3.386 | 3.786 | 3.787 | 4.154 | 2.577 | 3.451 | 50.64 | 52.75 | 51.70 | 55.36 | 50.58 | 55.52 | 30.023 | 0.438 |
| 5/29/2025 3:20 | 3.142 | 3.564 | 3.574 | 4.119 | 2.339 | 3.448 | 51.00 | 52.93 | 52.23 | 55.36 | 50.76 | 55.51 | 29.816 | 0.437 |
| 5/29/2025 3:30 | 2.941 | 3.349 | 3.372 | 4.084 | 2.123 | 3.464 | 51.35 | 53.27 | 52.93 | 55.54 | 51.00 | 55.51 | 29.713 | 0.437 |
| 5/29/2025 3:40 | 2.742 | 3.159 | 3.167 | 4.034 | 1.908 | 3.455 | 51.70 | 53.45 | 53.62 | 55.54 | 51.23 | 55.51 | 29.653 | 0.437 |
| 5/29/2025 3:50 | 2.566 | 2.971 | 3.002 | 3.981 | 1.719 | 3.455 | 52.05 | 53.62 | 54.15 | 55.71 | 51.48 | 55.50 | 29.554 | 0.437 |
| 5/29/2025 4:00 | 2.393 | 2.810 | 2.835 | 3.926 | 1.551 | 3.452 | 52.40 | 53.80 | 54.50 | 55.71 | 51.75 | 55.50 | 29.341 | 0.436 |
| 5/29/2025 4:10 | 2.239 | 2.652 | 2.682 | 3.860 | 1.397 | 3.449 | 52.58 | 53.80 | 54.84 | 55.88 | 52.06 | 55.50 | 29.075 | 0.436 |
| 5/29/2025 4:20 | 2.100 | 2.526 | 2.548 | 3.798 | 1.254 | 3.449 | 52.40 | 53.97 | 55.19 | 55.88 | 52.39 | 55.49 | 28.839 | 0.436 |
| 5/29/2025 4:30 | 1.977 | 2.411 | 2.439 | 3.739 | 1.134 | 3.444 | 52.40 | 54.15 | 55.36 | 55.88 | 52.73 | 55.49 | 28.805 | 0.435 |
| 5/29/2025 4:40 | 1.867 | 2.311 | 2.341 | 3.677 | 1.012 | 3.439 | 52.58 | 54.15 | 55.54 | 56.06 | 53.04 | 55.48 | 28.421 | 0.435 |
| 5/29/2025 4:50 | 1.775 | 2.241 | 2.265 | 3.638 | 0.934 | 3.452 | 52.58 | 54.32 | 55.71 | 56.06 | 53.30 | 55.47 | 27.472 | 0.434 |
| 5/29/2025 5:00 | 1.677 | 2.158 | 2.195 | 3.584 | 0.835 | 3.439 | 52.58 | 54.32 | 55.71 | 56.06 | 53.52 | 55.47 | 26.433 | 0.434 |
| 5/29/2025 5:10 | 1.600 | 2.105 | 2.137 | 3.538 | 0.758 | 3.438 | 52.75 | 54.50 | 55.71 | 56.06 | 53.71 | 55.46 | 26.065 | 0.433 |
| 5/29/2025 5:20 | 1.537 | 2.077 | 2.101 | 3.514 | 0.697 | 3.442 | 52.93 | 54.50 | 55.88 | 56.06 | 53.90 | 55.46 | 26.058 | 0.433 |
| 5/29/2025 5:30 | 1.465 | 2.043 | 2.072 | 3.495 | 0.636 | 3.439 | 52.93 | 54.67 | 55.88 | 56.06 | 54.05 | 55.45 | 25.932 | 0.432 |
| 5/29/2025 5:40 | 1.407 | 2.027 | 2.046 | 3.479 | 0.587 | 3.441 | 53.10 | 54.67 | 55.88 | 56.06 | 54.17 | 55.45 | 25.842 | 0.432 |
| 5/29/2025 5:50 | 1.352 | 2.005 | 2.024 | 3.463 | 0.553 | 3.441 | 53.27 | 54.84 | 55.88 | 56.06 | 54.26 | 55.44 | 25.869 | 0.432 |
| 5/29/2025 6:00 | 1.300 | 1.992 | 2.008 | 3.450 | 0.517 | 3.445 | 53.45 | 54.84 | 55.88 | 56.06 | 54.34 | 55.43 | 25.863 | 0.431 |
| 5/29/2025 6:10 | 1.256 | 1.983 | 2.000 | 3.453 | 0.500 | 3.436 | 53.62 | 54.84 | 55.88 | 56.06 | 54.39 | 55.42 | 25.793 | 0.431 |
| 5/29/2025 6:20 | 1.216 | 1.978 | 1.992 | 3.444 | 0.485 | 3.438 | 53.80 | 54.84 | 55.88 | 56.06 | 54.44 | 55.41 | 25.922 | 0.430 |
| 5/29/2025 6:30 | 1.172 | 1.966 | 1.983 | 3.427 | 0.469 | 3.436 | 53.80 | 54.84 | 55.88 | 56.06 | 54.47 | 55.40 | 25.838 | 0.429 |
| 5/29/2025 6:40 | 1.139 | 1.972 | 1.978 | 3.430 | 0.470 | 3.446 | 53.97 | 55.02 | 55.88 | 56.06 | 54.50 | 55.40 | 25.732 | 0.429 |
| 5/29/2025 6:50 | 1.092 | 1.953 | 1.963 | 3.414 | 0.451 | 3.438 | 53.97 | 55.02 | 55.88 | 56.06 | 54.54 | 55.39 | 25.628 | 0.428 |
| 5/29/2025 7:00 | 1.053 | 1.956 | 1.967 | 3.417 | 0.448 | 3.432 | 54.15 | 55.02 | 56.06 | 56.06 | 54.57 | 55.38 | 25.567 | 0.427 |
| 5/29/2025 7:10 | 1.025 | 1.952 | 1.960 | 3.406 | 0.445 | 3.435 | 54.15 | 55.02 | 56.06 | 56.06 | 54.61 | 55.37 | 25.477 | 0.427 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/29/2025 7:20 | 1.001 | 1.948 | 1.953 | 3.409 | 0.443 | 3.438 | 54.32 | 55.02 | 56.23 | 56.06 | 54.66 | 55.36 | 25.457 | 0.426 |
| 5/29/2025 7:30 | 0.972 | 1.942 | 1.951 | 3.407 | 0.442 | 3.428 | 54.50 | 55.19 | 56.23 | 56.06 | 54.71 | 55.36 | 25.372 | 0.425 |
| 5/29/2025 7:40 | 0.952 | 1.945 | 1.962 | 3.409 | 0.447 | 3.438 | 54.67 | 55.19 | 56.40 | 56.06 | 54.79 | 55.34 | 25.297 | 0.425 |
| 5/29/2025 7:50 | 0.925 | 1.938 | 1.956 | 3.398 | 0.439 | 3.432 | 54.67 | 55.19 | 56.58 | 56.06 | 54.87 | 55.34 | 25.141 | 0.424 |
| 5/29/2025 8:00 | 0.911 | 1.943 | 1.954 | 3.410 | 0.438 | 3.437 | 54.84 | 55.19 | 56.75 | 55.88 | 54.94 | 55.33 | 24.842 | 0.424 |
| 5/29/2025 8:10 | 0.887 | 1.935 | 1.947 | 3.402 | 0.435 | 3.431 | 54.84 | 55.19 | 56.92 | 55.88 | 55.00 | 55.32 | 24.875 | 0.423 |
| 5/29/2025 8:20 | 0.868 | 1.932 | 1.941 | 3.399 | 0.434 | 3.435 | 55.02 | 55.19 | 57.10 | 55.88 | 55.06 | 55.32 | 24.647 | 0.423 |
| 5/29/2025 8:30 | 0.855 | 1.930 | 1.941 | 3.401 | 0.434 | 3.432 | 55.02 | 55.19 | 57.27 | 55.88 | 55.13 | 55.31 | 24.468 | 0.422 |
| 5/29/2025 8:40 | 0.828 | 1.916 | 1.931 | 3.387 | 0.426 | 3.426 | 55.02 | 55.36 | 57.44 | 55.88 | 55.20 | 55.31 | 24.248 | 0.422 |
| 5/29/2025 8:50 | 0.806 | 1.917 | 1.925 | 3.383 | 0.424 | 3.416 | 55.19 | 55.36 | 57.61 | 55.88 | 55.29 | 55.30 | 24.094 | 0.421 |
| 5/29/2025 9:00 | 0.804 | 1.915 | 1.924 | 3.393 | 0.430 | 3.424 | 55.36 | 55.36 | 57.79 | 55.88 | 55.39 | 55.30 | 23.925 | 0.421 |
| 5/29/2025 9:10 | 0.784 | 1.914 | 1.925 | 3.381 | 0.423 | 3.425 | 55.54 | 55.36 | 57.96 | 55.88 | 55.51 | 55.30 | 23.714 | 0.420 |
| 5/29/2025 9:20 | 0.759 | 1.905 | 1.916 | 3.375 | 0.415 | 3.414 | 55.71 | 55.36 | 58.13 | 55.88 | 55.64 | 55.29 | 23.503 | 0.420 |
| 5/29/2025 9:30 | 0.761 | 1.914 | 1.922 | 3.380 | 0.423 | 3.423 | 55.88 | 55.54 | 58.30 | 55.88 | 55.77 | 55.28 | 23.288 | 0.420 |
| 5/29/2025 9:40 | 0.750 | 1.902 | 1.908 | 3.375 | 0.409 | 3.418 | 56.23 | 55.54 | 58.65 | 55.88 | 55.91 | 55.28 | 23.064 | 0.419 |
| 5/29/2025 9:50 | 0.734 | 1.904 | 1.912 | 3.374 | 0.416 | 3.427 | 56.58 | 55.54 | 58.99 | 55.88 | 56.08 | 55.28 | 22.812 | 0.418 |
| 5/29/2025 10:00 | 0.729 | 1.909 | 1.915 | 3.375 | 0.411 | 3.427 | 56.92 | 55.54 | 59.34 | 55.88 | 56.29 | 55.28 | 22.624 | 0.418 |
| 5/29/2025 10:10 | 0.724 | 1.901 | 1.912 | 3.374 | 0.407 | 3.425 | 57.10 | 55.71 | 59.85 | 55.88 | 56.50 | 55.28 | 22.468 | 0.417 |
| 5/29/2025 10:20 | 0.719 | 1.899 | 1.908 | 3.368 | 0.404 | 3.421 | 57.44 | 55.71 | 60.20 | 55.88 | 56.75 | 55.28 | 22.308 | 0.417 |
| 5/29/2025 10:30 | 0.712 | 1.906 | 1.914 | 3.383 | 0.419 | 3.438 | 57.79 | 55.71 | 60.71 | 55.88 | 56.98 | 55.28 | 22.205 | 0.416 |
| 5/29/2025 10:40 | 0.709 | 1.914 | 1.920 | 3.383 | 0.431 | 3.440 | 57.96 | 55.88 | 61.23 | 55.88 | 57.24 | 55.28 | 21.987 | 0.416 |
| 5/29/2025 10:50 | 0.701 | 1.910 | 1.918 | 3.391 | 0.423 | 3.449 | 57.96 | 55.88 | 61.57 | 55.88 | 57.46 | 55.28 | 21.737 | 0.416 |
| 5/29/2025 11:00 | 0.687 | 1.916 | 1.910 | 3.381 | 0.422 | 3.444 | 58.13 | 55.88 | 61.91 | 55.88 | 57.67 | 55.28 | 21.603 | 0.416 |
| 5/29/2025 11:10 | 0.675 | 1.900 | 1.911 | 3.379 | 0.425 | 3.444 | 58.30 | 56.06 | 62.25 | 55.71 | 57.85 | 55.28 | 21.392 | 0.416 |
| 5/29/2025 11:20 | 0.676 | 1.892 | 1.901 | 3.371 | 0.410 | 3.434 | 58.65 | 56.06 | 62.60 | 55.71 | 58.05 | 55.28 | 21.100 | 0.416 |
| 5/29/2025 11:30 | 0.816 | 1.886 | 1.896 | 3.360 | 0.406 | 3.423 | 58.82 | 56.23 | 63.11 | 55.71 | 58.28 | 55.29 | 21.071 | 0.416 |
| 5/29/2025 11:40 | 1.014 | 1.893 | 1.901 | 3.367 | 0.411 | 3.432 | 59.16 | 56.23 | 63.46 | 55.71 | 58.54 | 55.30 | 20.887 | 0.416 |
| 5/29/2025 11:50 | 1.225 | 1.891 | 1.890 | 3.368 | 0.417 | 3.429 | 59.51 | 56.40 | 63.80 | 55.71 | 58.85 | 55.30 | 20.928 | 0.416 |
| 5/29/2025 12:00 | 1.508 | 1.890 | 1.897 | 3.379 | 0.527 | 3.440 | 59.68 | 56.58 | 64.14 | 55.71 | 59.18 | 55.31 | 20.866 | 0.416 |
| 5/29/2025 12:10 | 1.860 | 1.934 | 1.908 | 3.378 | 0.842 | 3.440 | 60.20 | 56.58 | 64.31 | 55.88 | 59.52 | 55.32 | 20.670 | 0.416 |
| 5/29/2025 12:20 | 2.219 | 2.179 | 2.150 | 3.376 | 1.136 | 3.429 | 58.30 | 56.75 | 64.65 | 55.71 | 59.53 | 55.33 | 21.791 | 0.416 |
| 5/29/2025 12:30 | 2.574 | 2.459 | 2.422 | 3.365 | 1.423 | 3.434 | 56.40 | 56.92 | 65.00 | 55.88 | 58.39 | 55.34 | 24.826 | 0.416 |
| 5/29/2025 12:40 | 2.979 | 2.786 | 2.743 | 3.366 | 1.744 | | 55.71 | 57.10 | 65.51 | 55.88 | 57.46 | | 26.076 | |
| 5/29/2025 12:50 | 3.284 | 3.070 | 3.025 | 3.369 | 2.021 | 3.389 | 55.19 | 57.10 | 65.68 | 55.88 | 56.76 | 57.31 | 27.125 | 0.455 |
| 5/29/2025 13:00 | 3.504 | 3.313 | 3.267 | | 2.251 | 3.384 | 54.50 | 57.27 | 65.51 | | 56.30 | 56.56 | 27.705 | 0.470 |
| 5/29/2025 13:10 | 3.683 | 3.504 | 3.452 | | 2.428 | 3.381 | 54.32 | 57.44 | 65.34 | | 55.95 | 56.41 | 28.043 | 0.469 |
| 5/29/2025 13:20 | 3.784 | 3.627 | 3.582 | 3.559 | 2.564 | 3.380 | 53.97 | 57.61 | 65.00 | 65.85 | 55.72 | 56.31 | 28.378 | 0.461 |
| 5/29/2025 13:30 | 3.845 | 3.732 | | 3.652 | 2.664 | 3.391 | 53.97 | 57.61 | | 59.51 | 55.62 | 56.23 | 28.682 | 0.437 |
| 5/29/2025 13:40 | 3.877 | 3.802 | 3.741 | 3.735 | 2.737 | 3.390 | 53.97 | 57.61 | 63.97 | 58.13 | 55.49 | 56.17 | 28.764 | 0.414 |
| 5/29/2025 13:50 | 3.935 | | 3.805 | 3.785 | 2.818 | 3.393 | 53.97 | | 61.40 | 57.44 | 55.31 | 56.14 | 28.844 | 0.394 |
| 5/29/2025 14:00 | 3.836 | 3.829 | 3.859 | 3.837 | 2.854 | 3.390 | 54.15 | 59.85 | 60.37 | 57.10 | 55.19 | 56.10 | 28.926 | 0.380 |
| 5/29/2025 14:10 | 3.790 | 3.822 | 3.846 | 3.853 | 2.826 | 3.379 | 54.15 | 58.30 | 59.85 | 56.92 | 55.12 | 56.09 | 28.949 | 0.370 |
| 5/29/2025 14:20 | 3.723 | 3.786 | 3.789 | 3.855 | 2.786 | 3.380 | 54.32 | 57.79 | 59.51 | 56.75 | 54.98 | 56.08 | 29.161 | 0.360 |
| 5/29/2025 14:30 | 3.568 | 3.716 | 3.735 | 3.835 | 2.694 | 3.388 | 54.32 | 57.61 | 59.51 | 56.58 | 54.93 | 56.07 | 29.389 | 0.353 |
| 5/29/2025 14:40 | 3.440 | 3.592 | 3.596 | 3.776 | 2.569 | 3.371 | 55.02 | 57.61 | 59.85 | 56.58 | 55.02 | 56.05 | 29.437 | 0.348 |
| 5/29/2025 14:50 | 3.251 | 3.435 | 3.448 | 3.729 | 2.409 | 3.380 | 56.23 | 57.44 | 60.02 | 56.58 | 55.43 | 56.04 | 29.241 | 0.347 |
| 5/29/2025 15:00 | 3.068 | 3.239 | 3.262 | 3.644 | 2.208 | 3.369 | 56.75 | 57.44 | 62.77 | 56.58 | 55.90 | 56.04 | 28.983 | 0.350 |
| 5/29/2025 15:10 | 2.837 | 3.029 | 3.054 | 3.567 | 1.999 | 3.371 | 57.10 | 57.61 | 65.00 | 56.58 | 56.32 | 56.05 | 28.924 | 0.356 |
| 5/29/2025 15:20 | 2.632 | 2.818 | 2.844 | 3.508 | 1.789 | 3.369 | 57.44 | 57.79 | 66.37 | 56.58 | 56.67 | 56.05 | 28.770 | 0.365 |
| 5/29/2025 15:30 | 2.448 | 2.624 | 2.654 | 3.462 | 1.583 | 3.372 | 57.79 | 58.13 | 67.05 | 56.58 | 57.02 | 56.07 | 28.647 | 0.378 |
| 5/29/2025 15:40 | 2.260 | 2.445 | 2.479 | 3.443 | 1.407 | 3.383 | 57.96 | 58.48 | 67.74 | 56.58 | 57.63 | 56.07 | 28.484 | 0.394 |
| 5/29/2025 15:50 | 2.081 | 2.279 | 2.303 | 3.421 | 1.232 | 3.374 | 58.30 | 58.82 | 67.91 | 56.58 | 58.60 | 56.08 | 28.190 | 0.406 |
| 5/29/2025 16:00 | 1.935 | 2.143 | 2.168 | 3.406 | 1.075 | 3.380 | 58.30 | 59.16 | 67.91 | 56.58 | 59.56 | 56.09 | 27.295 | 0.414 |
| 5/29/2025 16:10 | 1.803 | 2.016 | 2.055 | 3.398 | 0.942 | 3.367 | 58.82 | 59.51 | 67.91 | 56.58 | 60.23 | 56.10 | 26.534 | 0.420 |
| 5/29/2025 16:20 | 1.689 | 1.928 | 1.977 | 3.396 | 0.833 | 3.371 | 59.34 | 59.85 | 68.08 | 56.58 | 60.83 | 56.12 | 25.776 | 0.424 |
| 5/29/2025 16:30 | 1.590 | 1.873 | 1.932 | 3.402 | 0.743 | 3.376 | 60.02 | 60.37 | 68.08 | 56.58 | 61.36 | 56.14 | 25.761 | 0.427 |
| 5/29/2025 16:40 | 1.506 | 1.832 | 1.885 | 3.391 | 0.653 | 3.370 | 60.54 | 60.54 | 68.08 | 56.58 | 61.80 | 56.15 | 24.219 | 0.429 |
| 5/29/2025 16:50 | 1.429 | 1.815 | 1.871 | 3.393 | 0.586 | 3.375 | 60.71 | 60.88 | 67.91 | 56.75 | 62.04 | 56.17 | 23.691 | 0.431 |
| 5/29/2025 17:00 | 1.362 | 1.804 | 1.857 | 3.396 | 0.537 | 3.373 | 60.88 | 61.05 | 67.91 | 56.75 | 62.41 | 56.18 | 23.691 | 0.433 |
| 5/29/2025 17:10 | 1.297 | 1.794 | 1.850 | 3.390 | 0.481 | 3.376 | 61.23 | 61.23 | 67.74 | 56.75 | 62.73 | 56.19 | 23.557 | 0.434 |
| 5/29/2025 17:20 | 1.239 | 1.787 | 1.854 | 3.386 | 0.457 | 3.368 | 61.40 | 61.40 | 67.56 | 56.75 | 62.97 | 56.21 | 23.619 | 0.434 |
| 5/29/2025 17:30 | 1.199 | 1.794 | 1.860 | 3.396 | 0.452 | 3.379 | 61.74 | 61.40 | 67.39 | 56.75 | 63.11 | 56.21 | 23.649 | 0.435 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/29/2025 17:40 | 1.154 | 1.799 | 1.863 | 3.390 | 0.437 | 3.390 | 62.08 | 61.57 | 67.05 | 56.75 | 63.25 | 56.22 | 23.687 | 0.435 |
| 5/29/2025 17:50 | 1.095 | 1.778 | 1.841 | 3.381 | 0.414 | 3.378 | 62.43 | 61.57 | 66.71 | 56.92 | 63.37 | 56.23 | 23.564 | 0.434 |
| 5/29/2025 18:00 | 1.055 | 1.787 | 1.846 | 3.382 | 0.424 | 3.381 | 62.25 | 61.74 | 66.54 | 56.92 | 63.42 | 56.24 | 23.564 | 0.434 |
| 5/29/2025 18:10 | 1.026 | 1.782 | 1.853 | 3.384 | 0.424 | 3.381 | 62.25 | 61.91 | 66.19 | 56.92 | 63.47 | 56.24 | 23.420 | 0.434 |
| 5/29/2025 18:20 | 0.971 | 1.779 | 1.842 | 3.381 | 0.414 | 3.375 | 62.08 | 61.91 | 65.85 | 56.92 | 63.48 | 56.25 | 23.344 | 0.433 |
| 5/29/2025 18:30 | 0.953 | 1.779 | 1.844 | 3.382 | 0.419 | 3.388 | 62.43 | 61.91 | 65.51 | 57.10 | 63.46 | 56.25 | 23.158 | 0.433 |
| 5/29/2025 18:40 | 0.921 | 1.784 | 1.841 | 3.379 | 0.419 | 3.382 | 62.25 | 61.91 | 65.17 | 57.10 | 63.41 | 56.25 | 23.047 | 0.432 |
| 5/29/2025 18:50 | 0.901 | 1.780 | 1.835 | 3.375 | 0.409 | 3.381 | 62.25 | 62.08 | 64.83 | 57.10 | 63.33 | 56.26 | 22.811 | 0.431 |
| 5/29/2025 19:00 | 0.863 | 1.779 | 1.836 | 3.377 | 0.416 | 3.380 | 62.08 | 62.08 | 64.48 | 57.10 | 63.24 | 56.26 | 22.744 | 0.430 |
| 5/29/2025 19:10 | 0.840 | 1.768 | 1.828 | 3.374 | 0.406 | 3.376 | 61.91 | 62.08 | 63.97 | 57.10 | 63.12 | 56.26 | 22.662 | 0.429 |
| 5/29/2025 19:20 | 0.821 | 1.769 | 1.832 | 3.384 | 0.405 | 3.379 | 61.91 | 61.91 | 63.63 | 57.27 | 62.96 | 56.26 | 22.392 | 0.428 |
| 5/29/2025 19:30 | 0.798 | 1.774 | 1.828 | 3.377 | 0.403 | 3.374 | 61.57 | 61.91 | 63.28 | 57.27 | 62.81 | 56.27 | 22.107 | 0.427 |
| 5/29/2025 19:40 | 0.776 | 1.769 | 1.828 | 3.368 | 0.406 | 3.378 | 61.40 | 61.91 | 62.94 | 57.27 | 62.66 | 56.27 | 21.861 | 0.426 |
| 5/29/2025 19:50 | 0.752 | 1.773 | 1.827 | 3.376 | 0.402 | 3.374 | 61.23 | 61.91 | 62.60 | 57.27 | 62.49 | 56.26 | 21.748 | 0.425 |
| 5/29/2025 20:00 | 0.743 | 1.766 | 1.831 | 3.365 | 0.401 | 3.376 | 60.88 | 61.91 | 62.25 | 57.27 | 62.31 | 56.26 | 21.269 | 0.424 |
| 5/29/2025 20:10 | 0.727 | 1.774 | 1.834 | 3.366 | 0.401 | 3.387 | 60.71 | 61.74 | 61.91 | 57.27 | 62.13 | 56.26 | 21.080 | 0.422 |
| 5/29/2025 20:20 | 0.711 | 1.770 | 1.833 | 3.366 | 0.398 | 3.390 | 60.54 | 61.74 | 61.57 | 57.27 | 61.93 | 56.25 | 20.680 | 0.421 |
| 5/29/2025 20:30 | 0.691 | 1.767 | 1.821 | 3.363 | 0.395 | 3.378 | 60.37 | 61.74 | 61.23 | 57.44 | 61.76 | 56.25 | 20.240 | 0.420 |
| 5/29/2025 20:40 | 0.682 | 1.766 | 1.816 | 3.359 | 0.393 | 3.383 | 60.20 | 61.57 | 61.05 | 57.44 | 61.60 | 56.25 | 19.584 | 0.418 |
| 5/29/2025 20:50 | 0.671 | 1.768 | 1.817 | 3.357 | 0.394 | 3.381 | 60.02 | 61.57 | 60.71 | 57.44 | 61.42 | 56.24 | 19.493 | 0.417 |
| 5/29/2025 21:00 | 0.656 | 1.761 | 1.817 | 3.355 | 0.390 | 3.376 | 59.85 | 61.40 | 60.54 | 57.44 | 61.23 | 56.24 | 19.080 | 0.416 |
| 5/29/2025 21:10 | 0.652 | 1.765 | 1.817 | 3.363 | 0.387 | 3.376 | 59.68 | 61.40 | 60.37 | 57.44 | 61.05 | 56.23 | 18.741 | 0.415 |
| 5/29/2025 21:20 | 0.639 | 1.761 | 1.809 | 3.355 | 0.392 | 3.373 | 59.34 | 61.23 | 60.20 | 57.44 | 60.85 | 56.23 | 18.860 | 0.414 |
| 5/29/2025 21:30 | 0.626 | 1.768 | 1.815 | 3.354 | 0.386 | 3.370 | 59.16 | 61.23 | 60.02 | 57.44 | 60.68 | 56.22 | 18.253 | 0.413 |
| 5/29/2025 21:40 | 0.618 | 1.764 | 1.807 | 3.348 | 0.391 | 3.371 | 58.99 | 61.05 | 59.85 | 57.61 | 60.50 | 56.21 | 18.021 | 0.412 |
| 5/29/2025 21:50 | 0.609 | 1.768 | 1.810 | 3.360 | 0.391 | 3.371 | 58.82 | 61.05 | 59.68 | 57.61 | 60.32 | 56.21 | 17.659 | 0.411 |
| 5/29/2025 22:00 | 0.601 | 1.760 | 1.806 | 3.352 | 0.388 | 3.381 | 58.65 | 60.88 | 59.68 | 57.61 | 60.14 | 56.20 | 17.386 | 0.411 |
| 5/29/2025 22:10 | 0.600 | 1.772 | 1.813 | 3.352 | 0.392 | 3.377 | 58.48 | 60.88 | 59.51 | 57.61 | 59.97 | 56.19 | 17.322 | 0.410 |
| 5/29/2025 22:20 | 0.596 | 1.775 | 1.821 | 3.364 | 0.395 | 3.382 | 58.48 | 60.71 | 59.34 | 57.61 | 59.79 | 56.18 | 17.478 | 0.409 |
| 5/29/2025 22:30 | 0.584 | 1.768 | 1.810 | 3.353 | 0.391 | 3.376 | 58.30 | 60.54 | 59.34 | 57.61 | 59.62 | 56.18 | 17.253 | 0.409 |
| 5/29/2025 22:40 | 0.565 | 1.761 | 1.799 | 3.346 | 0.382 | 3.371 | 58.13 | 60.54 | 59.16 | 57.61 | 59.46 | 56.17 | 16.923 | 0.408 |
| 5/29/2025 22:50 | 0.631 | 1.764 | 1.809 | 3.345 | 0.381 | 3.380 | 57.96 | 60.37 | 58.99 | 57.61 | 59.31 | 56.16 | 16.780 | 0.408 |
| 5/29/2025 23:00 | 0.804 | 1.764 | 1.810 | 3.353 | 0.388 | 3.384 | 57.96 | 60.37 | 58.99 | 57.61 | 59.16 | 56.15 | 16.569 | 0.407 |
| 5/29/2025 23:10 | 1.024 | 1.767 | 1.813 | 3.353 | 0.392 | 3.383 | 57.96 | 60.20 | 58.82 | 57.61 | 59.02 | 56.15 | 16.570 | 0.407 |
| 5/29/2025 23:20 | 1.331 | 1.767 | 1.813 | 3.352 | 0.402 | 3.381 | 57.96 | 60.20 | 58.82 | 57.61 | 58.88 | 56.14 | 16.431 | 0.407 |
| 5/29/2025 23:30 | 1.740 | 1.770 | 1.808 | 3.348 | 0.674 | 3.381 | 57.61 | 60.02 | 58.65 | 57.61 | 58.76 | 56.13 | 16.547 | 0.406 |
| 5/29/2025 23:40 | 2.217 | 1.952 | 1.960 | 3.350 | 1.020 | 3.378 | 55.02 | 60.02 | 58.65 | 57.61 | 57.52 | 56.12 | 21.109 | 0.406 |
| 5/29/2025 23:50 | 2.737 | 2.317 | 2.318 | 3.351 | 1.387 | 3.377 | 52.58 | 59.85 | 58.48 | 57.61 | 54.68 | 56.11 | 25.059 | 0.406 |
| 5/30/2025 0:00 | 3.250 | 2.681 | 2.695 | 3.344 | 1.750 | 3.379 | 51.35 | 59.85 | 58.48 | 57.61 | 53.54 | 56.10 | 26.641 | 0.405 |
| 5/30/2025 0:10 | 3.739 | 3.024 | 3.021 | 3.357 | 2.049 | 3.384 | 50.82 | 59.68 | 58.48 | 57.61 | 53.07 | 56.09 | 28.284 | 0.405 |
| 5/30/2025 0:20 | 4.144 | 3.291 | 3.271 | 3.345 | 2.308 | 3.378 | 50.29 | 59.16 | 58.65 | 57.61 | 51.78 | 56.08 | 28.909 | 0.405 |
| 5/30/2025 0:30 | 4.462 | 3.496 | 3.475 | 3.423 | 2.502 | 3.379 | 49.94 | 58.48 | 58.65 | 57.61 | 50.83 | 56.08 | 29.740 | 0.405 |
| 5/30/2025 0:40 | 4.679 | 3.655 | 3.639 | 3.562 | 2.650 | 3.383 | 49.76 | 57.61 | 58.48 | 57.61 | 50.49 | 56.07 | 30.140 | 0.404 |
| 5/30/2025 0:50 | 4.871 | 3.790 | 3.776 | 3.682 | 2.774 | 3.382 | 49.58 | 56.40 | 57.10 | 57.61 | 50.57 | 56.06 | 30.286 | 0.404 |
| 5/30/2025 1:00 | 5.121 | 3.873 | 3.889 | 3.769 | 2.894 | 3.382 | 49.58 | 53.62 | 55.71 | 57.61 | 50.51 | 56.05 | 30.404 | 0.404 |
| 5/30/2025 1:10 | 5.201 | 3.982 | 3.982 | 3.831 | 2.997 | 3.382 | 49.58 | 52.05 | 53.62 | 57.61 | 50.31 | 56.04 | 30.516 | 0.404 |
| 5/30/2025 1:20 | 5.318 | 4.076 | 4.069 | 3.900 | 3.093 | 3.377 | 49.40 | 51.52 | 52.58 | 57.61 | 50.31 | 56.04 | 30.603 | 0.404 |
| 5/30/2025 1:30 | 5.488 | 4.157 | 4.146 | 3.959 | 3.174 | 3.378 | 49.40 | 51.52 | 51.70 | 57.61 | 50.29 | 56.03 | 30.625 | 0.403 |
| 5/30/2025 1:40 | 5.515 | 4.230 | 4.211 | 4.017 | 3.246 | 3.369 | 49.40 | 51.35 | 51.17 | 57.61 | 50.21 | 56.02 | 30.682 | 0.403 |
| 5/30/2025 1:50 | 5.511 | 4.280 | 4.269 | 4.072 | 3.296 | 3.380 | 49.23 | 51.17 | 50.82 | 57.61 | 50.22 | 56.01 | 30.663 | 0.403 |
| 5/30/2025 2:00 | 5.559 | 4.322 | 4.311 | 4.103 | 3.332 | 3.378 | 49.23 | 51.00 | 50.47 | 57.61 | 50.22 | 56.01 | 30.687 | 0.403 |
| 5/30/2025 2:10 | 5.463 | 4.352 | 4.347 | 4.138 | 3.359 | 3.379 | 49.05 | 50.82 | 50.29 | 57.61 | 50.11 | 56.00 | 30.744 | 0.403 |
| 5/30/2025 2:20 | 5.446 | 4.378 | 4.383 | 4.171 | 3.402 | 3.381 | 49.05 | 50.64 | 50.11 | 56.58 | 50.01 | 55.99 | 30.766 | 0.402 |
| 5/30/2025 2:30 | 5.304 | 4.409 | 4.397 | 4.191 | 3.424 | 3.384 | 49.05 | 50.64 | 49.94 | 55.88 | 49.99 | 55.98 | 30.776 | 0.402 |
| 5/30/2025 2:40 | 5.091 | 4.425 | 4.419 | 4.217 | 3.433 | 3.378 | 49.05 | 50.64 | 49.94 | 55.54 | 49.97 | 55.98 | 30.797 | 0.402 |
| 5/30/2025 2:50 | 5.050 | 4.439 | 4.443 | 4.249 | 3.451 | 3.385 | 49.05 | 50.47 | 49.76 | 55.36 | 49.97 | 55.97 | 30.781 | 0.402 |
| 5/30/2025 3:00 | 4.900 | 4.450 | 4.454 | 4.264 | 3.455 | 3.380 | 49.05 | 50.29 | 49.76 | 55.19 | 49.97 | 55.97 | 30.812 | 0.401 |
| 5/30/2025 3:10 | 4.654 | 4.457 | 4.462 | 4.286 | 3.464 | 3.383 | 49.05 | 50.29 | 49.76 | 55.02 | 49.97 | 55.96 | 30.813 | 0.400 |
| 5/30/2025 3:20 | 4.437 | 4.456 | 4.457 | 4.308 | 3.448 | 3.390 | 49.23 | 50.29 | 49.58 | 54.84 | 49.94 | 55.95 | 30.806 | 0.400 |
| 5/30/2025 3:30 | 4.235 | 4.387 | 4.417 | 4.319 | 3.365 | 3.387 | 49.23 | 50.29 | 49.58 | 54.84 | 49.96 | 55.94 | 30.798 | 0.399 |
| 5/30/2025 3:40 | 4.016 | 4.247 | 4.280 | 4.314 | 3.195 | 3.369 | 49.23 | 50.29 | 49.58 | 54.84 | 49.45 | 55.93 | 30.863 | 0.399 |
| 5/30/2025 3:50 | 3.821 | 4.090 | 4.127 | 4.293 | 3.009 | 3.388 | 49.23 | 50.64 | 49.76 | 54.84 | 49.29 | 55.92 | 30.842 | 0.399 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/30/2025 4:00 | 3.611 | 3.920 | 3.956 | 4.269 | 2.806 | 3.386 | 49.40 | 51.00 | 50.11 | 54.84 | 49.31 | 55.91 | 30.710 | 0.398 |
| 5/30/2025 4:10 | 3.375 | 3.702 | 3.752 | 4.226 | 2.581 | 3.384 | 49.58 | 51.52 | 50.47 | 54.84 | 49.45 | 55.91 | 29.369 | 0.397 |
| 5/30/2025 4:20 | 3.139 | 3.495 | 3.557 | 4.194 | 2.335 | 3.384 | 49.94 | 51.70 | 51.00 | 54.84 | 49.66 | 55.90 | 30.027 | 0.397 |
| 5/30/2025 4:30 | 2.912 | 3.273 | 3.344 | 4.148 | 2.104 | 3.379 | 50.29 | 51.87 | 51.52 | 55.02 | 49.89 | 55.89 | 30.326 | 0.396 |
| 5/30/2025 4:40 | 2.715 | 3.070 | 3.145 | 4.103 | 1.900 | 3.369 | 50.64 | 52.23 | 52.23 | 55.19 | 50.15 | 55.88 | 30.806 | 0.395 |
| 5/30/2025 4:50 | 2.531 | 2.894 | 2.979 | 4.072 | 1.718 | 3.376 | 51.00 | 52.40 | 52.75 | 55.36 | 50.41 | 55.87 | 30.158 | 0.395 |
| 5/30/2025 5:00 | 2.362 | 2.733 | 2.824 | 4.022 | 1.543 | 3.377 | 51.35 | 52.58 | 53.27 | 55.54 | 50.70 | 55.86 | 30.088 | 0.394 |
| 5/30/2025 5:10 | 2.206 | 2.592 | 2.687 | 3.983 | 1.387 | 3.375 | 51.70 | 52.75 | 53.80 | 55.54 | 50.99 | 55.85 | 29.994 | 0.394 |
| 5/30/2025 5:20 | 2.063 | 2.465 | 2.553 | 3.933 | 1.241 | 3.381 | 51.52 | 52.93 | 54.15 | 55.71 | 51.30 | 55.84 | 29.942 | 0.393 |
| 5/30/2025 5:30 | 1.948 | 2.358 | 2.452 | 3.883 | 1.120 | 3.381 | 51.52 | 53.10 | 54.32 | 55.71 | 51.59 | 55.83 | 29.824 | 0.393 |
| 5/30/2025 5:40 | 1.825 | 2.262 | 2.366 | 3.825 | 1.008 | 3.381 | 51.52 | 53.27 | 54.67 | 55.88 | 51.87 | 55.82 | 29.649 | 0.393 |
| 5/30/2025 5:50 | 1.734 | 2.192 | 2.284 | 3.765 | 0.913 | 3.380 | 51.70 | 53.45 | 54.67 | 55.88 | 52.13 | 55.82 | 29.469 | 0.392 |
| 5/30/2025 6:00 | 1.653 | 2.125 | 2.220 | 3.713 | 0.835 | 3.387 | 51.70 | 53.45 | 54.84 | 55.88 | 52.35 | 55.81 | 29.293 | 0.392 |
| 5/30/2025 6:10 | 1.560 | 2.066 | 2.157 | 3.657 | 0.756 | 3.373 | 51.70 | 53.62 | 55.02 | 56.06 | 52.57 | 55.79 | 29.236 | 0.392 |
| 5/30/2025 6:20 | 1.494 | 2.029 | 2.114 | 3.619 | 0.691 | 3.382 | 51.87 | 53.80 | 55.02 | 56.06 | 52.77 | 55.79 | 29.075 | 0.392 |
| 5/30/2025 6:30 | 1.423 | 1.986 | 2.069 | 3.564 | 0.634 | 3.370 | 52.05 | 53.80 | 55.02 | 56.06 | 52.94 | 55.78 | 28.851 | 0.391 |
| 5/30/2025 6:40 | 1.363 | 1.961 | 2.036 | 3.542 | 0.592 | 3.376 | 52.23 | 53.97 | 55.19 | 56.06 | 53.11 | 55.77 | 28.597 | 0.391 |
| 5/30/2025 6:50 | 1.313 | 1.947 | 2.018 | 3.520 | 0.550 | 3.385 | 52.40 | 53.97 | 55.19 | 56.06 | 53.24 | 55.77 | 28.340 | 0.391 |
| 5/30/2025 7:00 | 1.266 | 1.924 | 2.001 | 3.508 | 0.526 | 3.378 | 52.58 | 54.15 | 55.36 | 56.06 | 53.37 | 55.76 | 28.062 | 0.391 |
| 5/30/2025 7:10 | 1.212 | 1.905 | 1.979 | 3.493 | 0.508 | 3.368 | 52.75 | 54.15 | 55.36 | 56.06 | 53.47 | 55.76 | 27.960 | 0.390 |
| 5/30/2025 7:20 | 1.169 | 1.894 | 1.965 | 3.478 | 0.494 | 3.374 | 52.93 | 54.32 | 55.54 | 56.06 | 53.58 | 55.75 | 27.788 | 0.390 |
| 5/30/2025 7:30 | 1.129 | 1.882 | 1.950 | 3.465 | 0.486 | 3.371 | 53.10 | 54.32 | 55.71 | 56.06 | 53.67 | 55.75 | 27.608 | 0.389 |
| 5/30/2025 7:40 | 1.087 | 1.886 | 1.948 | 3.465 | 0.478 | 3.375 | 53.27 | 54.32 | 55.88 | 56.06 | 53.76 | 55.74 | 27.590 | 0.389 |
| 5/30/2025 7:50 | 1.042 | 1.869 | 1.936 | 3.448 | 0.459 | 3.363 | 53.45 | 54.50 | 56.06 | 56.06 | 53.84 | 55.73 | 27.524 | 0.389 |
| 5/30/2025 8:00 | 1.018 | 1.871 | 1.935 | 3.449 | 0.466 | 3.367 | 53.80 | 54.50 | 56.23 | 56.06 | 53.95 | 55.73 | 27.485 | 0.388 |
| 5/30/2025 8:10 | 0.983 | 1.856 | 1.929 | 3.443 | 0.455 | 3.364 | 53.97 | 54.50 | 56.58 | 56.23 | 54.06 | 55.73 | 27.371 | 0.387 |
| 5/30/2025 8:20 | 0.956 | 1.855 | 1.927 | 3.434 | 0.453 | 3.359 | 54.15 | 54.50 | 56.92 | 56.06 | 54.18 | 55.72 | 27.231 | 0.386 |
| 5/30/2025 8:30 | 0.929 | 1.863 | 1.924 | 3.445 | 0.453 | 3.375 | 54.50 | 54.67 | 57.10 | 56.06 | 54.30 | 55.72 | 27.115 | 0.386 |
| 5/30/2025 8:40 | 0.896 | 1.846 | 1.909 | 3.428 | 0.445 | 3.364 | 54.67 | 54.67 | 57.44 | 56.06 | 54.44 | 55.72 | 26.948 | 0.385 |
| 5/30/2025 8:50 | 0.873 | 1.846 | 1.914 | 3.431 | 0.448 | 3.361 | 54.84 | 54.67 | 57.96 | 56.06 | 54.58 | 55.72 | 26.883 | 0.385 |
| 5/30/2025 9:00 | 0.849 | 1.837 | 1.906 | 3.422 | 0.433 | 3.356 | 55.19 | 54.84 | 58.30 | 56.06 | 54.74 | 55.71 | 26.768 | 0.384 |
| 5/30/2025 9:10 | 0.826 | 1.837 | 1.902 | 3.429 | 0.439 | 3.355 | 55.54 | 54.84 | 58.82 | 56.06 | 54.92 | 55.72 | 26.625 | 0.384 |
| 5/30/2025 9:20 | 0.808 | 1.838 | 1.901 | 3.415 | 0.436 | 3.358 | 55.71 | 55.02 | 59.16 | 56.06 | 55.10 | 55.72 | 26.543 | 0.384 |
| 5/30/2025 9:30 | 0.792 | 1.836 | 1.887 | 3.413 | 0.432 | 3.350 | 56.06 | 55.02 | 59.68 | 56.06 | 55.29 | 55.72 | 26.508 | 0.383 |
| 5/30/2025 9:40 | 0.775 | 1.835 | 1.887 | 3.419 | 0.432 | 3.355 | 56.40 | 55.19 | 60.20 | 56.06 | 55.51 | 55.72 | 26.400 | 0.383 |
| 5/30/2025 9:50 | 0.753 | 1.828 | 1.889 | 3.411 | 0.426 | 3.357 | 56.58 | 55.36 | 60.54 | 56.06 | 55.73 | 55.72 | 26.276 | 0.383 |
| 5/30/2025 10:00 | 0.737 | 1.823 | 1.891 | 3.407 | 0.429 | 3.350 | 56.92 | 55.36 | 61.05 | 56.06 | 55.98 | 55.73 | 26.160 | 0.383 |
| 5/30/2025 10:10 | 0.724 | 1.825 | 1.883 | 3.412 | 0.422 | 3.350 | 57.27 | 55.54 | 61.57 | 56.06 | 56.24 | 55.73 | 26.044 | 0.382 |
| 5/30/2025 10:20 | 0.712 | 1.824 | 1.881 | 3.407 | 0.425 | 3.355 | 57.61 | 55.71 | 62.08 | 56.06 | 56.51 | 55.75 | 25.921 | 0.382 |
| 5/30/2025 10:30 | 0.692 | 1.816 | 1.875 | 3.406 | 0.425 | 3.354 | 57.79 | 55.88 | 62.60 | 56.06 | 56.80 | 55.76 | 25.839 | 0.383 |
| 5/30/2025 10:40 | 0.686 | 1.820 | 1.882 | 3.418 | 0.427 | 3.355 | 58.13 | 55.88 | 63.28 | 56.06 | 57.14 | 55.76 | 25.681 | 0.383 |
| 5/30/2025 10:50 | 0.669 | 1.816 | 1.880 | 3.405 | 0.423 | 3.355 | 58.30 | 56.06 | 63.80 | 56.06 | 57.46 | 55.77 | 25.526 | 0.383 |
| 5/30/2025 11:00 | 0.669 | 1.815 | 1.881 | 3.404 | 0.433 | 3.364 | 58.48 | 56.23 | 64.14 | 56.06 | 57.80 | 55.78 | 25.333 | 0.383 |
| 5/30/2025 11:10 | 0.654 | 1.816 | 1.879 | 3.412 | 0.427 | 3.362 | 58.65 | 56.40 | 64.48 | 56.06 | 58.10 | 55.80 | 25.133 | 0.384 |
| 5/30/2025 11:20 | 0.656 | 1.829 | 1.887 | 3.421 | 0.444 | 3.382 | 58.82 | 56.58 | 64.83 | 56.06 | 58.39 | 55.81 | 24.874 | 0.384 |
| 5/30/2025 11:30 | 0.646 | 1.828 | 1.889 | 3.419 | 0.447 | 3.384 | 58.99 | 56.75 | 65.00 | 56.06 | 58.67 | 55.83 | 24.575 | 0.384 |
| 5/30/2025 11:40 | 0.636 | 1.817 | 1.880 | 3.416 | 0.443 | 3.372 | 59.16 | 56.92 | 65.17 | 56.06 | 58.92 | 55.84 | 24.251 | 0.384 |
| 5/30/2025 11:50 | 0.620 | 1.817 | 1.872 | 3.415 | 0.437 | 3.377 | 59.34 | 57.10 | 65.34 | 56.06 | 59.20 | 55.85 | 23.636 | 0.384 |
| 5/30/2025 12:00 | 0.627 | 1.817 | 1.871 | 3.410 | 0.433 | 3.381 | 59.51 | 57.44 | 65.34 | 56.06 | 59.40 | 55.87 | 23.496 | 0.385 |
| 5/30/2025 12:10 | 0.732 | 1.816 | 1.881 | 3.409 | 0.433 | 3.392 | 59.51 | 57.61 | 65.34 | 56.06 | 59.64 | 55.88 | 22.668 | 0.385 |
| 5/30/2025 12:20 | 0.905 | 1.812 | 1.873 | 3.409 | 0.428 | 3.389 | 59.51 | 57.79 | 65.17 | 56.06 | 59.83 | 55.89 | 22.455 | 0.385 |
| 5/30/2025 12:30 | 1.087 | 1.804 | 1.861 | 3.399 | 0.425 | 3.373 | 59.85 | 57.96 | 65.17 | 56.06 | 60.02 | 55.90 | 22.184 | 0.385 |
| 5/30/2025 12:40 | 1.365 | 1.781 | 1.850 | 3.388 | 0.444 | 3.357 | 60.37 | 58.13 | 65.34 | 56.06 | 60.24 | 55.91 | 21.365 | 0.384 |
| 5/30/2025 12:50 | 1.673 | 1.791 | 1.846 | 3.386 | 0.699 | 3.370 | 60.88 | 58.30 | 65.51 | 56.06 | 60.58 | 55.92 | 19.709 | 0.384 |
| 5/30/2025 13:00 | 2.063 | 1.942 | 1.969 | 3.376 | 1.004 | 3.367 | 58.48 | 58.48 | 65.85 | 56.06 | 60.70 | 55.94 | 19.629 | 0.384 |
| 5/30/2025 13:10 | 2.459 | 2.287 | 2.301 | 3.393 | 1.359 | 3.381 | 56.92 | 58.65 | 66.19 | 56.23 | 58.98 | 55.95 | 24.595 | 0.384 |
| 5/30/2025 13:20 | 2.894 | 2.612 | 2.640 | 3.391 | 1.670 | 3.372 | 55.36 | 58.82 | 66.37 | 56.23 | 57.67 | 55.96 | 25.758 | 0.384 |
| 5/30/2025 13:30 | 3.186 | 2.914 | 2.942 | 3.381 | 1.962 | 3.366 | 54.84 | 58.99 | 66.54 | 56.23 | 56.92 | 55.98 | 26.416 | 0.384 |
| 5/30/2025 13:40 | 3.498 | 3.184 | 3.189 | 3.372 | 2.215 | 3.368 | 54.32 | 59.16 | 66.54 | 56.23 | 56.38 | 55.99 | 27.012 | 0.383 |
| 5/30/2025 13:50 | 3.766 | 3.400 | 3.405 | 3.423 | 2.427 | 3.375 | 53.97 | 59.16 | 66.19 | 56.23 | 55.88 | 56.01 | 27.792 | 0.383 |
| 5/30/2025 14:00 | 3.962 | 3.568 | 3.564 | 3.554 | 2.591 | 3.376 | 53.80 | 58.99 | 65.85 | 56.23 | 55.49 | 56.01 | 28.522 | 0.383 |
| 5/30/2025 14:10 | 4.017 | 3.689 | 3.701 | 3.669 | 2.719 | 3.382 | 53.27 | 58.82 | 65.00 | 56.23 | 55.27 | 56.02 | 29.156 | 0.383 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/30/2025 14:20 | 4.136 | 3.785 | 3.793 | 3.747 | 2.814 | 3.378 | 53.10 | 58.65 | 63.28 | 56.23 | 54.66 | 56.04 | 29.456 | 0.383 |
| 5/30/2025 14:30 | 4.166 | 3.880 | 3.882 | 3.809 | 2.893 | 3.382 | 52.93 | 58.30 | 61.91 | 56.23 | 54.15 | 56.05 | 29.808 | 0.383 |
| 5/30/2025 14:40 | 4.155 | 3.945 | 3.947 | 3.861 | 2.957 | 3.361 | 52.93 | 57.96 | 60.71 | 56.40 | 53.85 | 56.07 | 30.059 | 0.383 |
| 5/30/2025 14:50 | 4.180 | 4.007 | 4.007 | 3.917 | 3.021 | 3.373 | 52.93 | 57.61 | 59.85 | 56.40 | 53.79 | 56.08 | 30.129 | 0.383 |
| 5/30/2025 15:00 | 4.110 | 4.057 | 4.059 | 3.961 | 3.061 | 3.379 | 52.93 | 57.27 | 58.99 | 56.40 | 53.81 | 56.10 | 30.164 | 0.383 |
| 5/30/2025 15:10 | 3.983 | 4.047 | 4.058 | 3.994 | 3.040 | 3.377 | 53.10 | 56.92 | 58.13 | 56.40 | 53.84 | 56.11 | 30.209 | 0.384 |
| 5/30/2025 15:20 | 3.912 | 3.988 | 3.997 | 4.009 | 2.984 | 3.359 | 53.27 | 56.75 | 57.61 | 56.40 | 53.85 | 56.11 | 30.224 | 0.384 |
| 5/30/2025 15:30 | 3.826 | 3.908 | 3.923 | 3.998 | 2.895 | 3.359 | 53.62 | 56.58 | 57.44 | 56.58 | 53.86 | 56.16 | 30.283 | 0.383 |
| 5/30/2025 15:40 | 3.610 | 3.807 | 3.819 | 3.966 | 2.763 | 3.370 | 54.15 | 56.58 | 57.96 | 56.58 | 53.99 | 56.19 | 30.361 | 0.382 |
| 5/30/2025 15:50 | 3.400 | 3.634 | 3.653 | 3.919 | 2.578 | 3.367 | 55.19 | 56.58 | 59.51 | 56.58 | 54.51 | 56.22 | 30.213 | 0.382 |
| 5/30/2025 16:00 | 3.213 | 3.448 | 3.473 | 3.856 | 2.398 | 3.363 | 56.23 | 56.58 | 61.74 | 56.58 | 54.94 | 56.25 | 29.991 | 0.382 |
| 5/30/2025 16:10 | 2.999 | 3.246 | 3.278 | 3.779 | 2.197 | 3.359 | 56.92 | 56.75 | 63.46 | 56.75 | 55.34 | 56.28 | 29.960 | 0.381 |
| 5/30/2025 16:20 | 2.776 | 3.026 | 3.058 | 3.697 | 1.954 | 3.361 | 57.79 | 56.92 | 65.00 | 56.75 | 56.01 | 56.29 | 30.036 | 0.381 |
| 5/30/2025 16:30 | 2.547 | 2.804 | 2.840 | 3.614 | 1.745 | 3.364 | 57.96 | 57.27 | 66.19 | 56.75 | 56.84 | 56.31 | 30.121 | 0.380 |
| 5/30/2025 16:40 | 2.344 | 2.583 | 2.626 | 3.541 | 1.524 | 3.364 | 57.44 | 57.79 | 66.71 | 56.75 | 57.73 | 56.33 | 30.095 | 0.380 |
| 5/30/2025 16:50 | 2.168 | 2.405 | 2.443 | 3.502 | 1.335 | 3.364 | 57.79 | 58.13 | 67.05 | 56.75 | 58.49 | 56.35 | 29.976 | 0.380 |
| 5/30/2025 17:00 | 2.001 | 2.240 | 2.277 | 3.471 | 1.160 | 3.370 | 57.79 | 58.65 | 67.05 | 56.92 | 59.31 | 56.36 | 29.754 | 0.380 |
| 5/30/2025 17:10 | 1.858 | 2.110 | 2.156 | 3.446 | 1.021 | 3.378 | 57.96 | 58.99 | 67.05 | 56.92 | 60.06 | 56.37 | 29.414 | 0.380 |
| 5/30/2025 17:20 | 1.723 | 1.994 | 2.060 | 3.429 | 0.887 | 3.373 | 57.96 | 59.34 | 67.05 | 56.92 | 60.71 | 56.38 | 29.054 | 0.379 |
| 5/30/2025 17:30 | 1.617 | 1.922 | 1.976 | 3.410 | 0.778 | 3.371 | 57.96 | 59.51 | 67.05 | 56.92 | 61.25 | 56.40 | 28.617 | 0.379 |
| 5/30/2025 17:40 | 1.528 | 1.878 | 1.937 | 3.407 | 0.696 | 3.370 | 58.30 | 59.85 | 67.05 | 56.92 | 61.64 | 56.40 | 28.320 | 0.379 |
| 5/30/2025 17:50 | 1.442 | 1.855 | 1.914 | 3.407 | 0.615 | 3.372 | 58.82 | 60.02 | 66.88 | 57.10 | 61.88 | 56.41 | 27.952 | 0.379 |
| 5/30/2025 18:00 | 1.369 | 1.844 | 1.903 | 3.407 | 0.565 | 3.382 | 59.34 | 60.20 | 66.71 | 57.10 | 62.05 | 56.42 | 27.576 | 0.379 |
| 5/30/2025 18:10 | 1.295 | 1.822 | 1.885 | 3.396 | 0.512 | 3.380 | 59.51 | 60.37 | 66.54 | 57.10 | 62.19 | 56.42 | 27.107 | 0.378 |
| 5/30/2025 18:20 | 1.244 | 1.812 | 1.879 | 3.394 | 0.477 | 3.375 | 59.85 | 60.37 | 66.37 | 57.10 | 62.31 | 56.42 | 26.720 | 0.378 |
| 5/30/2025 18:30 | 1.188 | 1.816 | 1.873 | 3.401 | 0.468 | 3.383 | 60.02 | 60.54 | 66.19 | 57.10 | 62.44 | 56.43 | 26.408 | 0.378 |
| 5/30/2025 18:40 | 1.124 | 1.805 | 1.861 | 3.399 | 0.451 | 3.377 | 60.37 | 60.71 | 65.85 | 57.27 | 62.54 | 56.43 | 26.335 | 0.378 |
| 5/30/2025 18:50 | 1.081 | 1.803 | 1.866 | 3.393 | 0.447 | 3.379 | 60.37 | 60.71 | 65.68 | 57.27 | 62.59 | 56.43 | 25.702 | 0.378 |
| 5/30/2025 19:00 | 1.041 | 1.805 | 1.866 | 3.391 | 0.451 | 3.371 | 60.54 | 60.88 | 65.34 | 57.27 | 62.65 | 56.43 | 25.278 | 0.378 |
| 5/30/2025 19:10 | 0.984 | 1.792 | 1.852 | 3.385 | 0.434 | 3.366 | 60.54 | 60.88 | 65.17 | 57.27 | 62.62 | 56.43 | 25.067 | 0.378 |
| 5/30/2025 19:20 | 0.951 | 1.795 | 1.861 | 3.387 | 0.426 | 3.381 | 60.71 | 61.05 | 64.83 | 57.27 | 62.60 | 56.43 | 24.547 | 0.378 |
| 5/30/2025 19:30 | 0.922 | 1.793 | 1.858 | 3.385 | 0.428 | 3.371 | 60.71 | 61.05 | 64.65 | 57.27 | 62.59 | 56.43 | 24.380 | 0.377 |
| 5/30/2025 19:40 | 0.884 | 1.791 | 1.851 | 3.376 | 0.422 | 3.365 | 60.71 | 61.05 | 64.31 | 57.27 | 62.53 | 56.43 | 24.034 | 0.377 |
| 5/30/2025 19:50 | 0.864 | 1.791 | 1.854 | 3.381 | 0.427 | 3.373 | 60.54 | 61.05 | 64.14 | 57.44 | 62.46 | 56.43 | 23.627 | 0.377 |
| 5/30/2025 20:00 | 0.828 | 1.796 | 1.857 | 3.381 | 0.430 | 3.377 | 60.37 | 61.23 | 63.80 | 57.44 | 62.37 | 56.43 | 23.440 | 0.376 |
| 5/30/2025 20:10 | 0.809 | 1.789 | 1.842 | 3.370 | 0.410 | 3.372 | 60.37 | 61.23 | 63.46 | 57.44 | 62.29 | 56.43 | 23.122 | 0.376 |
| 5/30/2025 20:20 | 0.785 | 1.782 | 1.838 | 3.371 | 0.417 | 3.367 | 60.20 | 61.23 | 63.28 | 57.44 | 62.19 | 56.43 | 22.838 | 0.375 |
| 5/30/2025 20:30 | 0.758 | 1.794 | 1.852 | 3.375 | 0.416 | 3.372 | 60.20 | 61.23 | 62.94 | 57.44 | 62.09 | 56.43 | 22.324 | 0.375 |
| 5/30/2025 20:40 | 0.734 | 1.779 | 1.841 | 3.367 | 0.408 | 3.371 | 60.02 | 61.23 | 62.60 | 57.44 | 62.01 | 56.43 | 21.854 | 0.374 |
| 5/30/2025 20:50 | 0.714 | 1.783 | 1.841 | 3.368 | 0.405 | 3.368 | 59.85 | 61.23 | 62.43 | 57.44 | 61.87 | 56.43 | 21.746 | 0.373 |
| 5/30/2025 21:00 | 0.697 | 1.778 | 1.834 | 3.359 | 0.403 | 3.364 | 59.68 | 61.05 | 62.08 | 57.44 | 61.68 | 56.43 | 21.395 | 0.373 |
| 5/30/2025 21:10 | 0.680 | 1.777 | 1.843 | 3.371 | 0.401 | 3.368 | 59.68 | 61.05 | 61.91 | 57.61 | 61.56 | 56.42 | 20.897 | 0.372 |
| 5/30/2025 21:20 | 0.665 | 1.783 | 1.837 | 3.361 | 0.400 | 3.382 | 59.51 | 61.05 | 61.74 | 57.61 | 61.44 | 56.42 | 20.725 | 0.371 |
| 5/30/2025 21:30 | 0.647 | 1.778 | 1.831 | 3.352 | 0.398 | 3.372 | 59.16 | 61.05 | 61.40 | 57.61 | 61.29 | 56.42 | 20.229 | 0.370 |
| 5/30/2025 21:40 | 0.629 | 1.775 | 1.828 | 3.354 | 0.403 | 3.369 | 58.99 | 61.05 | 61.23 | 57.61 | 61.16 | 56.41 | 19.381 | 0.370 |
| 5/30/2025 21:50 | 0.621 | 1.772 | 1.821 | 3.350 | 0.395 | 3.369 | 58.82 | 60.88 | 61.05 | 57.61 | 61.03 | 56.41 | 18.597 | 0.369 |
| 5/30/2025 22:00 | 0.601 | 1.764 | 1.816 | 3.339 | 0.385 | 3.372 | 58.65 | 60.88 | 60.88 | 57.61 | 60.87 | 56.41 | 18.224 | 0.369 |
| 5/30/2025 22:10 | 0.595 | 1.763 | 1.811 | 3.346 | 0.384 | 3.360 | 58.48 | 60.88 | 60.71 | 57.61 | 60.71 | 56.40 | 17.471 | 0.369 |
| 5/30/2025 22:20 | 0.594 | 1.766 | 1.817 | 3.341 | 0.389 | 3.371 | 58.30 | 60.71 | 60.37 | 57.61 | 60.58 | 56.40 | 16.400 | 0.368 |
| 5/30/2025 22:30 | 0.581 | 1.765 | 1.808 | 3.340 | 0.389 | 3.369 | 58.30 | 60.71 | 60.37 | 57.61 | 60.45 | 56.40 | 15.201 | 0.368 |
| 5/30/2025 22:40 | 0.572 | 1.765 | 1.812 | 3.344 | 0.380 | 3.371 | 58.13 | 60.71 | 60.20 | 57.61 | 60.32 | 56.39 | 14.425 | 0.368 |
| 5/30/2025 22:50 | 0.574 | 1.771 | 1.822 | 3.343 | 0.388 | 3.377 | 58.13 | 60.54 | 60.02 | 57.79 | 60.17 | 56.39 | 13.841 | 0.368 |
| 5/30/2025 23:00 | 0.558 | 1.752 | 1.806 | 3.336 | 0.378 | 3.371 | 57.96 | 60.54 | 59.85 | 57.79 | 60.03 | 56.38 | 13.413 | 0.367 |
| 5/30/2025 23:10 | 0.549 | 1.763 | 1.813 | 3.343 | 0.382 | 3.369 | 57.79 | 60.37 | 59.68 | 57.79 | 59.88 | 56.38 | 13.297 | 0.367 |
| 5/30/2025 23:20 | 0.553 | 1.767 | 1.806 | 3.343 | 0.381 | 3.374 | 57.79 | 60.37 | 59.68 | 57.79 | 59.71 | 56.37 | 13.701 | 0.367 |
| 5/30/2025 23:30 | 0.538 | 1.760 | 1.802 | 3.336 | 0.379 | 3.370 | 57.61 | 60.37 | 59.51 | 57.79 | 59.54 | 56.37 | 13.760 | 0.367 |
| 5/30/2025 23:40 | 0.668 | 1.756 | 1.805 | 3.329 | 0.379 | 3.371 | 57.61 | 60.20 | 59.34 | 57.79 | 59.37 | 56.37 | 14.030 | 0.367 |
| 5/30/2025 23:50 | 0.794 | 1.760 | 1.809 | 3.345 | 0.383 | 3.376 | 57.44 | 60.20 | 59.34 | 57.79 | 59.22 | 56.36 | 14.138 | 0.367 |
| 5/31/2025 0:00 | 1.057 | 1.756 | 1.805 | 3.337 | 0.381 | 3.383 | 57.44 | 60.02 | 59.16 | 57.79 | 59.09 | 56.36 | 14.202 | 0.367 |
| 5/31/2025 0:10 | 1.349 | 1.755 | 1.801 | 3.337 | 0.410 | 3.374 | 57.44 | 60.02 | 59.16 | 57.79 | 58.98 | 56.36 | 14.183 | 0.367 |
| 5/31/2025 0:20 | 1.804 | 1.763 | 1.801 | 3.336 | 0.677 | 3.378 | 55.88 | 59.85 | 58.99 | 57.79 | 58.87 | 56.35 | 14.142 | 0.367 |
| 5/31/2025 0:30 | 2.298 | 2.011 | 2.001 | 3.332 | 1.082 | 3.382 | 52.23 | 59.85 | 58.99 | 57.79 | 54.56 | 56.35 | 23.478 | 0.367 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/31/2025 0:40 | 2.646 | 2.366 | 2.373 | 3.331 | 1.445 | 3.381 | 50.47 | 59.85 | 58.99 | 57.79 | 52.12 | 56.35 | 26.781 | 0.367 |
| 5/31/2025 0:50 | 3.133 | 2.718 | 2.720 | 3.335 | 1.760 | 3.378 | 49.94 | 59.68 | 58.99 | 57.79 | 51.38 | 56.35 | 27.986 | 0.367 |
| 5/31/2025 1:00 | 3.715 | 3.063 | 3.049 | 3.335 | 2.079 | 3.380 | 49.40 | 59.51 | 58.99 | 57.79 | 50.82 | 56.34 | 29.031 | 0.367 |
| 5/31/2025 1:10 | 4.192 | 3.308 | 3.295 | 3.336 | 2.322 | 3.386 | 48.87 | 58.99 | 58.99 | 57.79 | 49.51 | 56.34 | 29.855 | 0.367 |
| 5/31/2025 1:20 | 4.539 | 3.502 | 3.478 | 3.422 | 2.504 | 3.378 | 48.52 | 58.30 | 59.16 | 57.79 | 49.00 | 56.34 | 30.634 | 0.368 |
| 5/31/2025 1:30 | 4.727 | 3.665 | 3.638 | 3.560 | 2.655 | 3.377 | 48.52 | 57.61 | 58.30 | 57.79 | 49.00 | 56.33 | 30.809 | 0.369 |
| 5/31/2025 1:40 | 4.876 | 3.785 | 3.762 | 3.676 | 2.780 | 3.375 | 48.52 | 56.92 | 56.40 | 57.79 | 49.00 | 56.33 | 30.877 | 0.370 |
| 5/31/2025 1:50 | 5.007 | 3.902 | 3.876 | 3.758 | 2.880 | 3.381 | 48.52 | 55.71 | 54.67 | 57.79 | 48.91 | 56.33 | 30.913 | 0.371 |
| 5/31/2025 2:00 | 5.147 | 3.967 | 3.973 | 3.828 | 2.988 | 3.370 | 48.70 | 52.05 | 53.45 | 57.79 | 48.94 | 56.32 | 31.008 | 0.372 |
| 5/31/2025 2:10 | 5.406 | 4.066 | 4.078 | 3.894 | 3.083 | 3.381 | 48.52 | 51.17 | 52.23 | 57.79 | 49.10 | 56.32 | 31.011 | 0.373 |
| 5/31/2025 2:20 | 5.512 | 4.149 | 4.165 | 3.956 | 3.169 | 3.375 | 48.34 | 50.64 | 51.00 | 57.79 | 49.17 | 56.32 | 31.039 | 0.374 |
| 5/31/2025 2:30 | 5.544 | 4.218 | 4.224 | 4.011 | 3.233 | 3.372 | 48.34 | 50.47 | 50.29 | 57.79 | 49.18 | 56.32 | 31.037 | 0.375 |
| 5/31/2025 2:40 | 5.516 | 4.271 | 4.278 | 4.061 | 3.293 | 3.375 | 48.52 | 50.11 | 49.94 | 57.79 | 49.19 | 56.31 | 31.064 | 0.376 |
| 5/31/2025 2:50 | 5.524 | 4.309 | 4.310 | 4.096 | 3.322 | 3.378 | 48.52 | 50.11 | 49.58 | 57.79 | 49.22 | 56.31 | 31.065 | 0.376 |
| 5/31/2025 3:00 | 5.544 | 4.347 | 4.346 | 4.123 | 3.366 | 3.379 | 48.52 | 49.94 | 49.40 | 57.79 | 49.21 | 56.31 | 31.073 | 0.377 |
| 5/31/2025 3:10 | 5.583 | 4.382 | 4.381 | 4.158 | 3.401 | 3.380 | 48.52 | 49.94 | 49.23 | 57.79 | 49.25 | 56.31 | 31.072 | 0.378 |
| 5/31/2025 3:20 | 5.502 | 4.406 | 4.405 | 4.180 | 3.428 | 3.381 | 48.70 | 49.94 | 49.23 | 57.27 | 49.20 | 56.31 | 31.086 | 0.378 |
| 5/31/2025 3:30 | 5.321 | 4.426 | 4.420 | 4.209 | 3.440 | 3.379 | 48.70 | 49.94 | 49.23 | 56.06 | 49.20 | 56.30 | 31.085 | 0.379 |
| 5/31/2025 3:40 | 5.301 | 4.453 | 4.442 | 4.226 | 3.461 | 3.385 | 48.70 | 49.94 | 49.23 | 55.54 | 49.26 | 56.30 | 31.067 | 0.380 |
| 5/31/2025 3:50 | 5.166 | 4.471 | 4.464 | 4.254 | 3.480 | 3.387 | 48.70 | 49.94 | 49.23 | 55.19 | 49.26 | 56.30 | 31.083 | 0.381 |
| 5/31/2025 4:00 | 5.051 | 4.486 | 4.475 | 4.275 | 3.481 | 3.375 | 48.70 | 49.94 | 49.23 | 54.84 | 49.30 | 56.30 | 31.056 | 0.385 |
| 5/31/2025 4:10 | 4.806 | 4.494 | 4.486 | 4.295 | 3.494 | 3.392 | 48.70 | 49.94 | 49.23 | 54.84 | 49.35 | 56.30 | 31.035 | 0.385 |
| 5/31/2025 4:20 | 4.639 | 4.509 | 4.505 | 4.321 | 3.501 | 3.392 | 48.70 | 49.94 | 49.23 | 54.67 | 49.41 | 56.30 | 31.057 | 0.385 |
| 5/31/2025 4:30 | 4.451 | 4.494 | 4.501 | 4.332 | 3.473 | 3.390 | 48.87 | 50.11 | 49.23 | 54.50 | 49.46 | 56.30 | 31.064 | 0.385 |
| 5/31/2025 4:40 | 4.246 | 4.403 | 4.429 | 4.345 | 3.374 | 3.385 | 48.87 | 50.11 | 49.23 | 54.50 | 49.44 | 56.30 | 31.055 | 0.385 |
| 5/31/2025 4:50 | 4.041 | 4.265 | 4.295 | 4.345 | 3.209 | 3.391 | 48.87 | 50.11 | 49.23 | 54.50 | 49.09 | 56.30 | 31.067 | 0.384 |
| 5/31/2025 5:00 | 3.817 | 4.101 | 4.142 | 4.314 | 3.006 | 3.383 | 49.05 | 50.47 | 49.40 | 54.50 | 49.05 | 56.29 | 31.014 | 0.385 |
| 5/31/2025 5:10 | 3.592 | 3.906 | 3.954 | 4.291 | 2.793 | 3.391 | 49.23 | 50.82 | 49.76 | 54.67 | 49.17 | 56.28 | 30.833 | 0.386 |
| 5/31/2025 5:20 | 3.367 | 3.726 | 3.785 | 4.264 | 2.585 | 3.480 | 49.40 | 51.17 | 50.29 | 54.67 | 49.32 | 56.29 | 30.786 | 0.387 |
| 5/31/2025 5:30 | 3.145 | 3.513 | 3.584 | 4.223 | 2.362 | 3.498 | 49.76 | 51.35 | 50.82 | 54.84 | 49.51 | 56.31 | 30.733 | 0.385 |
| 5/31/2025 5:40 | 2.922 | 3.310 | 3.379 | 4.188 | 2.137 | 3.487 | 50.29 | 51.70 | 51.52 | 55.02 | 49.78 | 56.32 | 30.708 | 0.381 |
| 5/31/2025 5:50 | 2.724 | 3.125 | 3.213 | 4.165 | 1.934 | 3.495 | 50.64 | 51.87 | 52.23 | 55.19 | 50.06 | 56.34 | 30.700 | 0.375 |
| 5/31/2025 6:00 | 2.539 | 2.946 | 3.037 | 4.123 | 1.746 | 3.498 | 50.82 | 52.05 | 52.93 | 55.36 | 50.36 | 56.35 | 30.650 | 0.362 |
| 5/31/2025 6:10 | 2.363 | 2.805 | 2.898 | 4.085 | 1.573 | 3.532 | 51.35 | 52.23 | 53.62 | 55.54 | 50.68 | 56.38 | 30.624 | 0.353 |
| 5/31/2025 6:20 | 2.223 | 2.701 | 2.805 | 4.058 | 1.446 | 3.583 | 51.87 | 52.40 | 54.15 | 55.71 | 51.04 | 56.43 | 30.625 | 0.349 |
| 5/31/2025 6:30 | 2.080 | 2.572 | 2.672 | 4.025 | 1.306 | 3.583 | 52.23 | 52.58 | 54.50 | 55.71 | 51.40 | 56.47 | 30.458 | 0.348 |
| 5/31/2025 6:40 | 1.960 | 2.465 | 2.571 | 3.982 | 1.190 | 3.560 | 52.05 | 52.93 | 54.84 | 55.88 | 51.78 | 56.51 | 30.421 | 0.348 |
| 5/31/2025 6:50 | 1.862 | 2.389 | 2.492 | 3.955 | 1.092 | 3.572 | 52.05 | 53.10 | 55.19 | 55.88 | 52.14 | 56.52 | 30.276 | 0.348 |
| 5/31/2025 7:00 | 1.766 | 2.320 | 2.427 | 3.921 | 1.006 | 3.556 | 52.05 | 53.27 | 55.36 | 56.06 | 52.41 | 56.55 | 30.098 | 0.347 |
| 5/31/2025 7:10 | 1.691 | 2.275 | 2.381 | 3.893 | 0.935 | 3.562 | 52.05 | 53.45 | 55.54 | 56.06 | 52.69 | 56.58 | 29.852 | 0.347 |
| 5/31/2025 7:20 | 1.608 | 2.229 | 2.324 | 3.862 | 0.867 | 3.545 | 52.05 | 53.62 | 55.71 | 56.06 | 52.93 | 56.63 | 29.850 | 0.347 |
| 5/31/2025 7:30 | 1.532 | 2.183 | 2.289 | 3.834 | 0.802 | 3.532 | 52.23 | 53.80 | 55.88 | 56.06 | 53.12 | 56.65 | 29.679 | 0.347 |
| 5/31/2025 7:40 | 1.469 | 2.153 | 2.249 | 3.784 | 0.747 | 3.497 | 52.23 | 53.97 | 55.88 | 56.23 | 53.29 | 56.68 | 29.530 | 0.347 |
| 5/31/2025 7:50 | 1.403 | 2.122 | 2.230 | 3.753 | 0.710 | 3.499 | 52.40 | 54.15 | 56.06 | 56.23 | 53.44 | 56.71 | 29.310 | 0.347 |
| 5/31/2025 8:00 | 1.356 | 2.110 | 2.212 | 3.737 | 0.677 | 3.491 | 52.58 | 54.15 | 56.06 | 56.23 | 53.54 | 56.74 | 29.118 | 0.346 |
| 5/31/2025 8:10 | 1.306 | 2.095 | 2.198 | 3.710 | 0.653 | 3.479 | 52.93 | 54.32 | 56.23 | 56.23 | 53.64 | 56.76 | 28.924 | 0.346 |
| 5/31/2025 8:20 | 1.263 | 2.087 | 2.187 | 3.698 | 0.640 | 3.461 | 53.10 | 54.50 | 56.23 | 56.23 | 53.72 | 56.78 | 28.807 | 0.346 |
| 5/31/2025 8:30 | 1.215 | 2.071 | 2.176 | 3.666 | 0.633 | 3.457 | 53.27 | 54.50 | 56.23 | 56.23 | 53.80 | 56.80 | 28.746 | 0.346 |
| 5/31/2025 8:40 | 1.184 | 2.068 | 2.165 | 3.642 | 0.622 | 3.452 | 53.45 | 54.67 | 56.23 | 56.23 | 53.87 | 56.80 | 28.326 | 0.346 |
| 5/31/2025 8:50 | 1.144 | 2.056 | 2.166 | 3.627 | 0.606 | 3.449 | 53.62 | 54.67 | 56.40 | 56.23 | 53.97 | 56.81 | 28.246 | 0.345 |
| 5/31/2025 9:00 | 1.116 | 2.062 | 2.158 | 3.617 | 0.604 | 3.441 | 53.80 | 54.67 | 56.40 | 56.23 | 54.09 | 56.82 | 28.052 | 0.345 |
| 5/31/2025 9:10 | 1.084 | 2.054 | 2.154 | 3.597 | 0.591 | 3.447 | 53.97 | 54.84 | 56.40 | 56.23 | 54.19 | 56.83 | 27.816 | 0.345 |
| 5/31/2025 9:20 | 1.056 | 2.067 | 2.152 | 3.597 | 0.597 | 3.476 | 53.97 | 54.84 | 56.58 | 56.23 | 54.27 | 56.84 | 27.571 | 0.345 |
| 5/31/2025 9:30 | 1.051 | 2.068 | 2.170 | 3.595 | 0.599 | 3.521 | 54.15 | 54.84 | 56.58 | 56.23 | 54.36 | 56.88 | 27.295 | 0.345 |
| 5/31/2025 9:40 | 1.031 | 2.084 | 2.177 | 3.596 | 0.609 | 3.532 | 54.32 | 55.02 | 56.58 | 56.40 | 54.43 | 56.92 | 26.795 | 0.344 |
| 5/31/2025 9:50 | 1.015 | 2.080 | 2.181 | 3.588 | 0.606 | 3.543 | 54.32 | 55.02 | 56.58 | 56.40 | 54.47 | 56.94 | 26.859 | 0.343 |
| 5/31/2025 10:00 | 1.001 | 2.093 | 2.197 | 3.593 | 0.611 | 3.545 | 54.50 | 55.19 | 56.75 | 56.40 | 54.55 | 57.00 | 26.229 | 0.343 |
| 5/31/2025 10:10 | 0.980 | 2.111 | 2.222 | 3.604 | 0.616 | 3.600 | 54.50 | 55.19 | 56.75 | 56.40 | 54.61 | 57.08 | 25.753 | 0.342 |
| 5/31/2025 10:20 | 0.981 | 2.139 | 2.259 | 3.623 | 0.646 | 3.621 | 54.67 | 55.36 | 56.75 | 56.40 | 54.67 | 57.12 | 25.363 | 0.342 |
| 5/31/2025 10:30 | 0.978 | 2.158 | 2.253 | 3.643 | 0.658 | 3.627 | 54.84 | 55.36 | 56.75 | 56.40 | 54.74 | 57.17 | 24.704 | 0.342 |
| 5/31/2025 10:40 | 0.971 | 2.147 | 2.250 | 3.651 | 0.657 | 3.598 | 55.02 | 55.36 | 56.92 | 56.40 | 54.81 | 57.19 | 23.915 | 0.342 |
| 5/31/2025 10:50 | 0.965 | 2.149 | 2.260 | 3.667 | 0.663 | 3.585 | 55.19 | 55.54 | 56.92 | 56.23 | 54.88 | 57.16 | 23.156 | 0.342 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/31/2025 11:00 | 0.956 | 2.151 | 2.259 | 3.677 | 0.647 | 3.559 | 55.19 | 55.54 | 56.92 | 56.23 | 54.95 | 57.15 | 22.716 | 0.341 |
| 5/31/2025 11:10 | 0.950 | 2.145 | 2.261 | 3.686 | 0.651 | 3.534 | 55.36 | 55.54 | 57.10 | 56.23 | 55.00 | 57.16 | 22.595 | 0.341 |
| 5/31/2025 11:20 | 0.947 | 2.151 | 2.259 | 3.696 | 0.658 | 3.529 | 55.36 | 55.71 | 57.10 | 56.23 | 55.08 | 57.18 | 21.383 | 0.341 |
| 5/31/2025 11:30 | 0.943 | 2.147 | 2.262 | 3.699 | 0.663 | 3.511 | 55.36 | 55.71 | 57.10 | 56.23 | 55.12 | 57.21 | 20.775 | 0.341 |
| 5/31/2025 11:40 | 0.925 | 2.149 | 2.269 | 3.705 | 0.659 | 3.500 | 55.36 | 55.71 | 57.27 | 56.23 | 55.16 | 57.23 | 20.796 | 0.341 |
| 5/31/2025 11:50 | 0.922 | 2.153 | 2.262 | 3.697 | 0.657 | 3.489 | 55.54 | 55.71 | 57.27 | 56.23 | 55.23 | 57.24 | 19.701 | 0.341 |
| 5/31/2025 12:00 | 0.915 | 2.138 | 2.251 | 3.686 | 0.641 | 3.479 | 55.54 | 55.88 | 57.27 | 56.23 | 55.27 | 57.25 | 19.917 | 0.340 |
| 5/31/2025 12:10 | 0.908 | 2.143 | 2.246 | 3.683 | 0.649 | 3.474 | 55.54 | 55.88 | 57.44 | 56.23 | 55.30 | 57.25 | 19.879 | 0.340 |
| 5/31/2025 12:20 | 0.899 | 2.134 | 2.238 | 3.666 | 0.641 | 3.457 | 55.71 | 55.88 | 57.44 | 56.23 | 55.35 | 57.25 | 19.145 | 0.339 |
| 5/31/2025 12:30 | 0.905 | 2.133 | 2.245 | 3.665 | 0.640 | 3.456 | 55.71 | 55.88 | 57.61 | 56.23 | 55.38 | 57.25 | 19.391 | 0.338 |
| 5/31/2025 12:40 | 0.900 | 2.124 | 2.233 | 3.640 | 0.631 | 3.455 | 55.88 | 55.88 | 57.61 | 56.23 | 55.41 | 57.25 | 19.284 | 0.338 |
| 5/31/2025 12:50 | 1.059 | 2.126 | 2.231 | 3.642 | 0.640 | 3.452 | 55.88 | 55.88 | 57.61 | 56.23 | 55.46 | 57.25 | 19.260 | 0.337 |
| 5/31/2025 13:00 | 1.235 | 2.120 | 2.233 | 3.628 | 0.628 | 3.443 | 56.06 | 56.06 | 57.79 | 56.23 | 55.52 | 57.25 | 19.254 | 0.337 |
| 5/31/2025 13:10 | 1.505 | 2.126 | 2.229 | 3.622 | 0.701 | 3.441 | 56.06 | 56.06 | 57.79 | 56.23 | 55.57 | 57.25 | 19.354 | 0.336 |
| 5/31/2025 13:20 | 1.755 | 2.131 | 2.238 | 3.616 | 0.887 | 3.435 | 56.23 | 56.06 | 57.96 | 56.23 | 55.63 | 57.25 | 19.167 | 0.336 |
| 5/31/2025 13:30 | 2.152 | 2.237 | 2.280 | 3.603 | 1.184 | 3.441 | 55.19 | 56.06 | 57.96 | 56.23 | 55.71 | 57.25 | 18.749 | 0.336 |
| 5/31/2025 13:40 | 2.554 | 2.458 | 2.484 | 3.602 | 1.447 | 3.440 | 54.15 | 56.06 | 58.13 | 56.23 | 55.74 | 57.25 | 18.742 | 0.335 |
| 5/31/2025 13:50 | 2.942 | 2.693 | 2.716 | 3.592 | 1.692 | 3.438 | 53.27 | 56.23 | 58.30 | 56.23 | 55.02 | 57.25 | 21.930 | 0.335 |
| 5/31/2025 14:00 | 3.312 | 2.919 | 2.932 | 3.592 | 1.919 | 3.437 | 52.93 | 56.23 | 58.30 | 56.23 | 54.70 | 57.25 | 22.925 | 0.335 |
| 5/31/2025 14:10 | 3.603 | 3.117 | 3.125 | 3.594 | 2.113 | 3.437 | 52.23 | 56.23 | 58.48 | 56.23 | 54.30 | 57.25 | 24.115 | 0.335 |
| 5/31/2025 14:20 | 3.894 | 3.289 | 3.302 | 3.606 | 2.288 | 3.434 | 51.87 | 56.23 | 58.65 | 56.23 | 53.99 | 57.24 | 24.891 | 0.335 |
| 5/31/2025 14:30 | 4.160 | 3.430 | 3.435 | 3.623 | 2.429 | 3.433 | 51.87 | 56.40 | 58.82 | 56.23 | 53.78 | 57.24 | 25.346 | 0.336 |
| 5/31/2025 14:40 | 4.333 | 3.564 | 3.569 | 3.677 | 2.557 | 3.445 | 51.70 | 56.40 | 58.99 | 56.23 | 53.68 | 57.24 | 25.550 | 0.337 |
| 5/31/2025 14:50 | 4.552 | 3.652 | 3.650 | 3.729 | 2.644 | 3.444 | 51.87 | 56.23 | 59.16 | 56.23 | 53.62 | 57.24 | 25.613 | 0.339 |
| 5/31/2025 15:00 | 4.649 | 3.735 | 3.726 | 3.789 | 2.729 | 3.440 | 51.87 | 56.23 | 59.34 | 56.23 | 53.52 | 57.24 | 25.710 | 0.341 |
| 5/31/2025 15:10 | 4.535 | 3.808 | 3.797 | 3.844 | 2.804 | 3.438 | 51.87 | 56.06 | 59.51 | 56.23 | 53.40 | 57.24 | 25.976 | 0.343 |
| 5/31/2025 15:20 | 4.685 | 3.869 | 3.859 | 3.898 | 2.855 | 3.426 | 52.05 | 56.06 | 59.68 | 56.23 | 53.28 | 57.27 | 26.382 | 0.346 |
| 5/31/2025 15:30 | 4.752 | 3.922 | 3.903 | 3.952 | 2.913 | 3.430 | 52.05 | 55.88 | 59.68 | 56.23 | 53.20 | 57.29 | 26.742 | 0.348 |
| 5/31/2025 15:40 | 4.734 | 3.980 | 3.959 | 3.999 | 2.970 | 3.442 | 52.23 | 55.71 | 59.68 | 56.23 | 53.13 | 57.31 | 27.020 | 0.349 |
| 5/31/2025 15:50 | 4.786 | 4.023 | 4.014 | 4.039 | 3.014 | 3.434 | 52.23 | 55.71 | 58.65 | 56.23 | 53.09 | 57.32 | 27.263 | 0.352 |
| 5/31/2025 16:00 | 4.725 | 4.068 | 4.051 | 4.073 | 3.059 | 3.447 | 52.23 | 55.54 | 57.79 | 56.23 | 53.06 | 57.32 | 27.409 | 0.354 |
| 5/31/2025 16:10 | 4.654 | 4.106 | 4.091 | 4.108 | 3.091 | 3.454 | 52.23 | 55.36 | 56.92 | 56.23 | 53.04 | 57.32 | 27.524 | 0.357 |
| 5/31/2025 16:20 | 4.442 | 4.100 | 4.097 | 4.109 | 3.094 | 3.431 | 52.23 | 55.36 | 56.40 | 56.23 | 53.02 | 57.33 | 27.693 | 0.360 |
| 5/31/2025 16:30 | 4.396 | 4.122 | 4.117 | 4.120 | 3.109 | 3.428 | 52.58 | 55.19 | 56.06 | 56.23 | 53.02 | 57.33 | 27.825 | 0.362 |
| 5/31/2025 16:40 | 4.330 | 4.139 | 4.135 | 4.133 | 3.125 | 3.427 | 52.58 | 55.19 | 55.71 | 56.23 | 53.04 | 57.33 | 27.915 | 0.365 |
| 5/31/2025 16:50 | 4.135 | 4.148 | 4.139 | 4.143 | 3.132 | 3.419 | 52.58 | 55.02 | 55.36 | 56.23 | 53.08 | 57.34 | 27.991 | 0.367 |
| 5/31/2025 17:00 | 3.993 | 4.133 | 4.139 | 4.155 | 3.091 | 3.424 | 52.75 | 55.02 | 55.19 | 56.23 | 53.11 | 57.33 | 27.983 | 0.369 |
| 5/31/2025 17:10 | 3.786 | 4.020 | 4.032 | 4.158 | 2.957 | 3.433 | 52.93 | 54.84 | 55.02 | 56.40 | 53.17 | 57.33 | 27.992 | 0.372 |
| 5/31/2025 17:20 | 3.526 | 3.810 | 3.833 | 4.128 | 2.729 | 3.420 | 54.50 | 54.84 | 56.06 | 56.40 | 53.24 | 57.33 | 28.012 | 0.374 |
| 5/31/2025 17:30 | 3.264 | 3.599 | 3.640 | 4.113 | 2.496 | 3.422 | 55.19 | 54.84 | 57.96 | 56.40 | 53.36 | 57.32 | 26.073 | 0.377 |
| 5/31/2025 17:40 | 3.041 | 3.383 | 3.425 | 4.084 | 2.263 | 3.426 | 55.19 | 54.84 | 59.16 | 56.40 | 53.68 | 57.32 | 27.941 | 0.380 |
| 5/31/2025 17:50 | 2.802 | 3.159 | 3.218 | 4.039 | 2.015 | 3.423 | 55.02 | 55.02 | 60.20 | 56.40 | 54.26 | 57.32 | 27.913 | 0.382 |
| 5/31/2025 18:00 | 2.571 | 2.943 | 3.018 | 4.002 | 1.777 | 3.419 | 55.19 | 55.19 | 61.05 | 56.40 | 54.94 | 57.32 | 27.893 | 0.384 |
| 5/31/2025 18:10 | 2.368 | 2.761 | 2.853 | 3.961 | 1.584 | 3.418 | 55.19 | 55.36 | 61.40 | 56.40 | 55.56 | 57.31 | 27.787 | 0.386 |
| 5/31/2025 18:20 | 2.182 | 2.614 | 2.703 | 3.921 | 1.403 | 3.425 | 55.36 | 55.54 | 61.74 | 56.40 | 56.08 | 57.31 | 27.528 | 0.387 |
| 5/31/2025 18:30 | 2.020 | 2.475 | 2.577 | 3.880 | 1.242 | 3.417 | 55.54 | 55.71 | 61.74 | 56.40 | 56.60 | 57.31 | 27.246 | 0.388 |
| 5/31/2025 18:40 | 1.894 | 2.381 | 2.490 | 3.834 | 1.124 | 3.421 | 55.54 | 55.88 | 61.57 | 56.40 | 57.09 | 57.30 | 26.550 | 0.390 |
| 5/31/2025 18:50 | 1.773 | 2.297 | 2.405 | 3.788 | 1.016 | 3.420 | 55.88 | 56.23 | 61.40 | 56.40 | 57.51 | 57.30 | 25.266 | 0.391 |
| 5/31/2025 19:00 | 1.685 | 2.241 | 2.340 | 3.754 | 0.932 | 3.427 | 56.06 | 56.40 | 61.23 | 56.40 | 57.83 | 57.29 | 24.065 | 0.392 |
| 5/31/2025 19:10 | 1.600 | 2.189 | 2.289 | 3.713 | 0.859 | 3.419 | 56.23 | 56.40 | 61.05 | 56.40 | 58.03 | 57.29 | 22.890 | 0.393 |
| 5/31/2025 19:20 | 1.523 | 2.145 | 2.253 | 3.676 | 0.792 | 3.420 | 56.40 | 56.58 | 60.88 | 56.40 | 58.17 | 57.28 | 21.435 | 0.393 |
| 5/31/2025 19:30 | 1.454 | 2.117 | 2.214 | 3.651 | 0.738 | 3.418 | 56.58 | 56.75 | 60.71 | 56.58 | 58.26 | 57.28 | 19.642 | 0.394 |
| 5/31/2025 19:40 | 1.397 | 2.090 | 2.187 | 3.619 | 0.699 | 3.408 | 56.92 | 56.92 | 60.54 | 56.58 | 58.25 | 57.27 | 20.171 | 0.394 |
| 5/31/2025 19:50 | 1.344 | 2.070 | 2.182 | 3.607 | 0.654 | 3.420 | 56.92 | 56.92 | 60.37 | 56.58 | 58.27 | 57.26 | 18.592 | 0.395 |
| 5/31/2025 20:00 | 1.287 | 2.048 | 2.141 | 3.580 | 0.623 | 3.406 | 57.10 | 57.10 | 60.20 | 56.58 | 58.31 | 57.25 | 16.233 | 0.395 |
| 5/31/2025 20:10 | 1.256 | 2.040 | 2.141 | 3.573 | 0.614 | 3.421 | 57.27 | 57.10 | 60.02 | 56.58 | 58.26 | 57.25 | 14.806 | 0.395 |
| 5/31/2025 20:20 | 1.210 | 2.030 | 2.126 | 3.563 | 0.594 | 3.429 | 57.27 | 57.10 | 59.85 | 56.58 | 58.22 | 57.24 | 12.329 | 0.395 |
| 5/31/2025 20:30 | 1.172 | 2.016 | 2.105 | 3.556 | 0.581 | 3.416 | 57.27 | 57.27 | 59.68 | 56.58 | 58.17 | 57.23 | 13.355 | 0.396 |
| 5/31/2025 20:40 | 1.131 | 2.006 | 2.097 | 3.550 | 0.566 | 3.416 | 57.27 | 57.27 | 59.34 | 56.58 | 58.02 | 57.22 | 13.780 | 0.396 |
| 5/31/2025 20:50 | 1.103 | 2.003 | 2.093 | 3.539 | 0.564 | 3.418 | 57.10 | 57.27 | 59.16 | 56.58 | 57.99 | 57.22 | 13.086 | 0.396 |
| 5/31/2025 21:00 | 1.076 | 1.999 | 2.085 | 3.543 | 0.563 | 3.417 | 57.10 | 57.27 | 59.16 | 56.58 | 57.91 | 57.21 | 13.167 | 0.396 |
| 5/31/2025 21:10 | 1.055 | 1.994 | 2.083 | 3.538 | 0.548 | 3.423 | 57.10 | 57.27 | 58.99 | 56.58 | 57.80 | 57.19 | 13.584 | 0.396 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 5/31/2025 21:20 | 1.027 | 1.982 | 2.074 | 3.534 | 0.547 | 3.416 | 56.92 | 57.27 | 58.82 | 56.58 | 57.72 | 57.18 | 14.653 | 0.396 |
| 5/31/2025 21:30 | 1.015 | 1.993 | 2.077 | 3.534 | 0.551 | 3.427 | 56.92 | 57.27 | 58.65 | 56.58 | 57.63 | 57.18 | 14.879 | 0.396 |
| 5/31/2025 21:40 | 0.989 | 1.976 | 2.063 | 3.524 | 0.539 | 3.412 | 56.75 | 57.27 | 58.65 | 56.58 | 57.56 | 57.17 | 15.370 | 0.396 |
| 5/31/2025 21:50 | 0.961 | 1.968 | 2.053 | 3.516 | 0.532 | 3.414 | 56.75 | 57.44 | 58.48 | 56.58 | 57.44 | 57.16 | 15.347 | 0.396 |
| 5/31/2025 22:00 | 0.951 | 1.966 | 2.044 | 3.522 | 0.526 | 3.415 | 56.58 | 57.27 | 58.30 | 56.58 | 57.37 | 57.14 | 15.378 | 0.395 |
| 5/31/2025 22:10 | 0.930 | 1.964 | 2.038 | 3.524 | 0.522 | 3.411 | 56.58 | 57.27 | 58.30 | 56.58 | 57.28 | 57.12 | 15.832 | 0.395 |
| 5/31/2025 22:20 | 0.910 | 1.965 | 2.049 | 3.513 | 0.521 | 3.408 | 56.40 | 57.27 | 58.13 | 56.58 | 57.21 | 57.12 | 15.478 | 0.395 |
| 5/31/2025 22:30 | 0.908 | 1.966 | 2.038 | 3.514 | 0.520 | 3.416 | 56.40 | 57.27 | 57.96 | 56.58 | 57.12 | 57.11 | 15.496 | 0.395 |
| 5/31/2025 22:40 | 0.881 | 1.952 | 2.034 | 3.508 | 0.518 | 3.423 | 56.40 | 57.27 | 57.96 | 56.75 | 57.04 | 57.10 | 15.460 | 0.395 |
| 5/31/2025 22:50 | 0.877 | 1.959 | 2.041 | 3.509 | 0.523 | 3.419 | 56.23 | 57.27 | 57.79 | 56.75 | 56.95 | 57.09 | 15.779 | 0.395 |
| 5/31/2025 23:00 | 0.859 | 1.953 | 2.030 | 3.514 | 0.510 | 3.424 | 56.23 | 57.27 | 57.61 | 56.75 | 56.87 | 57.08 | 16.051 | 0.395 |
| 5/31/2025 23:10 | 0.840 | 1.946 | 2.023 | 3.499 | 0.507 | 3.416 | 56.06 | 57.27 | 57.61 | 56.75 | 56.78 | 57.06 | 15.991 | 0.395 |
| 5/31/2025 23:20 | 0.824 | 1.947 | 2.026 | 3.504 | 0.510 | 3.416 | 56.06 | 57.27 | 57.44 | 56.75 | 56.71 | 57.05 | 16.196 | 0.395 |
| 5/31/2025 23:30 | 0.821 | 1.936 | 2.023 | 3.501 | 0.508 | 3.409 | 55.88 | 57.27 | 57.44 | 56.75 | 56.63 | 57.04 | 16.434 | 0.396 |
| 5/31/2025 23:40 | 0.818 | 1.948 | 2.023 | 3.498 | 0.515 | 3.428 | 55.88 | 57.27 | 57.27 | 56.75 | 56.56 | 57.03 | 16.584 | 0.397 |
| 5/31/2025 23:50 | 0.807 | 1.941 | 2.016 | 3.495 | 0.504 | 3.423 | 55.71 | 57.10 | 57.10 | 56.75 | 56.48 | 57.02 | 16.659 | 0.398 |
| 6/1/2025 0:00 | 0.799 | 1.934 | 2.020 | 3.499 | 0.503 | 3.419 | 55.71 | 57.10 | 57.10 | 56.75 | 56.40 | 57.00 | 16.828 | 0.400 |
| 6/1/2025 0:10 | 0.788 | 1.939 | 2.009 | 3.493 | 0.501 | 3.421 | 55.54 | 57.10 | 56.92 | 56.75 | 56.33 | 56.99 | 16.857 | 0.403 |
| 6/1/2025 0:20 | 0.785 | 1.936 | 2.008 | 3.498 | 0.497 | 3.414 | 55.54 | 57.10 | 56.75 | 56.75 | 56.25 | 56.98 | 16.840 | 0.404 |
| 6/1/2025 0:30 | 0.763 | 1.933 | 1.998 | 3.495 | 0.492 | 3.412 | 55.54 | 57.10 | 56.75 | 56.75 | 56.17 | 56.97 | 16.794 | 0.405 |
| 6/1/2025 0:40 | 0.821 | 1.921 | 2.001 | 3.483 | 0.488 | 3.408 | 55.36 | 56.92 | 56.58 | 56.75 | 56.09 | 56.96 | 16.125 | 0.406 |
| 6/1/2025 0:50 | 0.987 | 1.921 | 1.997 | 3.484 | 0.484 | 3.413 | 55.36 | 56.92 | 56.40 | 56.75 | 56.02 | 56.95 | 17.517 | 0.405 |
| 6/1/2025 1:00 | 1.162 | 1.918 | 1.986 | 3.477 | 0.494 | 3.409 | 55.36 | 56.92 | 56.40 | 56.75 | 55.94 | 56.94 | 17.020 | 0.405 |
| 6/1/2025 1:10 | 1.441 | 1.914 | 1.996 | 3.477 | 0.539 | 3.406 | 55.36 | 56.92 | 56.23 | 56.75 | 55.86 | 56.92 | 16.249 | 0.404 |
| 6/1/2025 1:20 | 1.765 | 1.915 | 1.989 | 3.481 | 0.753 | 3.411 | 55.19 | 56.92 | 56.23 | 56.75 | 55.78 | 56.91 | 16.993 | 0.402 |
| 6/1/2025 1:30 | 2.157 | 2.007 | 2.032 | 3.466 | 1.000 | 3.412 | 53.45 | 56.75 | 56.06 | 56.58 | 55.70 | 56.90 | 17.036 | 0.401 |
| 6/1/2025 1:40 | 2.583 | 2.222 | 2.226 | 3.474 | 1.219 | 3.413 | 52.40 | 56.75 | 56.06 | 56.58 | 53.96 | 56.89 | 21.290 | 0.399 |
| 6/1/2025 1:50 | 3.129 | 2.417 | 2.429 | 3.474 | 1.431 | 3.409 | 51.52 | 56.75 | 55.88 | 56.58 | 53.46 | 56.88 | 24.665 | 0.396 |
| 6/1/2025 2:00 | 3.392 | 2.609 | 2.623 | 3.470 | 1.619 | 3.406 | 51.00 | 56.75 | 55.88 | 56.58 | 53.13 | 56.87 | 26.199 | 0.392 |
| 6/1/2025 2:10 | 3.821 | 2.800 | 2.809 | 3.470 | 1.806 | 3.420 | 50.64 | 56.58 | 55.71 | 56.58 | 53.35 | 56.85 | 27.109 | 0.388 |
| 6/1/2025 2:20 | 4.175 | 2.965 | 2.977 | 3.467 | 1.979 | 3.408 | 50.29 | 56.58 | 55.71 | 56.58 | 52.74 | 56.84 | 27.631 | 0.386 |
| 6/1/2025 2:30 | 4.250 | 3.137 | 3.130 | 3.467 | 2.134 | 3.398 | 50.11 | 56.58 | 55.71 | 56.58 | 52.34 | 56.82 | 27.801 | 0.384 |
| 6/1/2025 2:40 | 4.510 | 3.282 | 3.268 | 3.471 | 2.276 | 3.406 | 49.94 | 56.23 | 55.54 | 56.58 | 52.12 | 56.81 | 27.987 | 0.382 |
| 6/1/2025 2:50 | 4.790 | 3.404 | 3.392 | 3.506 | 2.400 | 3.419 | 49.94 | 55.88 | 55.54 | 56.58 | 51.99 | 56.80 | 28.179 | 0.380 |
| 6/1/2025 3:00 | 4.880 | 3.510 | 3.493 | 3.568 | 2.502 | 3.412 | 49.76 | 55.54 | 55.36 | 56.58 | 51.82 | 56.79 | 28.448 | 0.379 |
| 6/1/2025 3:10 | 4.932 | 3.591 | 3.559 | 3.623 | 2.576 | 3.410 | 49.76 | 55.19 | 55.36 | 56.58 | 51.50 | 56.77 | 28.614 | 0.378 |
| 6/1/2025 3:20 | 5.068 | 3.659 | 3.642 | 3.689 | 2.644 | 3.404 | 49.76 | 54.67 | 55.19 | 56.58 | 51.31 | 56.76 | 28.964 | 0.378 |
| 6/1/2025 3:30 | 5.167 | 3.716 | 3.707 | 3.744 | 2.705 | 3.412 | 49.76 | 54.50 | 55.02 | 56.58 | 51.13 | 56.75 | 29.334 | 0.378 |
| 6/1/2025 3:40 | 5.124 | 3.781 | 3.770 | 3.802 | 2.766 | 3.413 | 49.76 | 54.15 | 54.50 | 56.58 | 51.01 | 56.74 | 29.569 | 0.378 |
| 6/1/2025 3:50 | 5.172 | 3.827 | 3.818 | 3.837 | 2.824 | 3.408 | 49.76 | 53.97 | 53.80 | 56.58 | 50.93 | 56.73 | 29.744 | 0.378 |
| 6/1/2025 4:00 | 5.239 | 3.880 | 3.878 | 3.884 | 2.860 | 3.412 | 49.76 | 53.62 | 53.27 | 56.58 | 50.84 | 56.72 | 29.887 | 0.378 |
| 6/1/2025 4:10 | 5.030 | 3.922 | 3.917 | 3.923 | 2.907 | 3.412 | 49.76 | 53.27 | 52.93 | 56.58 | 50.79 | 56.71 | 30.038 | 0.378 |
| 6/1/2025 4:20 | 4.999 | 3.956 | 3.949 | 3.951 | 2.933 | 3.414 | 49.76 | 52.93 | 52.75 | 56.58 | 50.73 | 56.70 | 30.115 | 0.378 |
| 6/1/2025 4:30 | 4.949 | 3.988 | 3.981 | 3.972 | 2.971 | 3.407 | 49.76 | 52.75 | 52.40 | 56.58 | 50.67 | 56.69 | 30.196 | 0.379 |
| 6/1/2025 4:40 | 4.859 | 4.019 | 4.010 | 3.996 | 3.005 | 3.415 | 49.76 | 52.58 | 52.23 | 56.58 | 50.60 | 56.68 | 30.222 | 0.380 |
| 6/1/2025 4:50 | 4.734 | 4.038 | 4.031 | 4.021 | 3.021 | 3.406 | 49.76 | 52.23 | 51.87 | 56.58 | 50.61 | 56.68 | 30.254 | 0.381 |
| 6/1/2025 5:00 | 4.562 | 4.063 | 4.046 | 4.042 | 3.033 | 3.410 | 49.76 | 52.05 | 51.70 | 56.58 | 50.58 | 56.67 | 30.270 | 0.382 |
| 6/1/2025 5:10 | 4.373 | 4.074 | 4.071 | 4.049 | 3.046 | 3.411 | 49.76 | 51.87 | 51.52 | 56.40 | 50.54 | 56.65 | 30.284 | 0.383 |
| 6/1/2025 5:20 | 4.173 | 4.082 | 4.070 | 4.065 | 3.062 | 3.416 | 49.76 | 51.87 | 51.35 | 56.40 | 50.51 | 56.65 | 30.313 | 0.384 |
| 6/1/2025 5:30 | 3.929 | 4.059 | 4.066 | 4.066 | 3.023 | 3.408 | 49.76 | 51.70 | 51.17 | 56.40 | 50.47 | 56.64 | 30.308 | 0.386 |
| 6/1/2025 5:40 | 3.758 | 3.959 | 3.971 | 4.065 | 2.894 | 3.419 | 49.76 | 51.70 | 51.17 | 56.40 | 50.22 | 56.63 | 30.469 | 0.387 |
| 6/1/2025 5:50 | 3.518 | 3.779 | 3.790 | 4.030 | 2.694 | 3.418 | 49.94 | 51.70 | 51.52 | 56.40 | 49.97 | 56.62 | 30.237 | 0.389 |
| 6/1/2025 6:00 | 3.270 | 3.548 | 3.574 | 3.995 | 2.456 | 3.423 | 50.29 | 51.87 | 52.40 | 56.40 | 50.17 | 56.62 | 29.513 | 0.391 |
| 6/1/2025 6:10 | 3.028 | 3.300 | 3.337 | 3.945 | 2.194 | 3.419 | 50.64 | 52.05 | 53.27 | 56.40 | 50.41 | 56.61 | 29.313 | 0.392 |
| 6/1/2025 6:20 | 2.787 | 3.075 | 3.108 | 3.875 | 1.960 | 3.414 | 50.64 | 52.40 | 53.80 | 56.40 | 50.69 | 56.60 | 29.208 | 0.394 |
| 6/1/2025 6:30 | 2.563 | 2.849 | 2.898 | 3.809 | 1.736 | 3.412 | 50.64 | 52.58 | 54.15 | 56.40 | 50.99 | 56.59 | 29.179 | 0.395 |
| 6/1/2025 6:40 | 2.362 | 2.654 | 2.701 | 3.743 | 1.522 | 3.419 | 50.64 | 52.75 | 54.32 | 56.40 | 51.29 | 56.58 | 29.103 | 0.397 |
| 6/1/2025 6:50 | 2.182 | 2.483 | 2.530 | 3.670 | 1.350 | 3.418 | 50.82 | 52.93 | 54.50 | 56.40 | 51.55 | 56.57 | 29.088 | 0.398 |
| 6/1/2025 7:00 | 2.033 | 2.341 | 2.403 | 3.616 | 1.197 | 3.407 | 51.00 | 52.93 | 54.50 | 56.40 | 51.78 | 56.57 | 28.832 | 0.399 |
| 6/1/2025 7:10 | 1.899 | 2.219 | 2.289 | 3.573 | 1.070 | 3.412 | 51.00 | 53.10 | 54.50 | 56.40 | 51.96 | 56.56 | 28.793 | 0.400 |
| 6/1/2025 7:20 | 1.777 | 2.119 | 2.197 | 3.553 | 0.954 | 3.408 | 51.35 | 53.10 | 54.50 | 56.40 | 52.13 | 56.55 | 28.538 | 0.400 |
| 6/1/2025 7:30 | 1.679 | 2.050 | 2.132 | 3.529 | 0.865 | 3.413 | 51.52 | 53.27 | 54.67 | 56.23 | 52.30 | 56.54 | 28.312 | 0.401 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/1/2025 7:40 | 1.593 | 1.996 | 2.077 | 3.509 | 0.782 | 3.418 | 51.70 | 53.27 | 54.67 | 56.23 | 52.45 | 56.54 | 28.164 | 0.401 |
| 6/1/2025 7:50 | 1.514 | 1.954 | 2.036 | 3.489 | 0.709 | 3.407 | 51.87 | 53.45 | 54.67 | 56.23 | 52.57 | 56.53 | 28.064 | 0.401 |
| 6/1/2025 8:00 | 1.440 | 1.938 | 2.017 | 3.489 | 0.636 | 3.415 | 52.05 | 53.45 | 54.67 | 56.23 | 52.68 | 56.52 | 27.818 | 0.401 |
| 6/1/2025 8:10 | 1.369 | 1.930 | 2.001 | 3.480 | 0.597 | 3.407 | 52.23 | 53.45 | 54.67 | 56.23 | 52.77 | 56.51 | 27.736 | 0.401 |
| 6/1/2025 8:20 | 1.312 | 1.920 | 1.992 | 3.478 | 0.559 | 3.412 | 52.40 | 53.62 | 54.67 | 56.23 | 52.85 | 56.50 | 27.234 | 0.401 |
| 6/1/2025 8:30 | 1.253 | 1.908 | 1.984 | 3.466 | 0.534 | 3.407 | 52.58 | 53.62 | 54.67 | 56.23 | 52.92 | 56.50 | 27.187 | 0.403 |
| 6/1/2025 8:40 | 1.197 | 1.903 | 1.975 | 3.460 | 0.502 | 3.400 | 52.75 | 53.62 | 54.84 | 56.23 | 53.00 | 56.49 | 26.686 | 0.405 |
| 6/1/2025 8:50 | 1.160 | 1.892 | 1.961 | 3.454 | 0.493 | 3.402 | 52.93 | 53.80 | 54.84 | 56.23 | 53.08 | 56.48 | 26.664 | 0.406 |
| 6/1/2025 9:00 | 1.105 | 1.900 | 1.970 | 3.458 | 0.479 | 3.405 | 53.10 | 53.80 | 55.02 | 56.23 | 53.16 | 56.48 | 26.236 | 0.406 |
| 6/1/2025 9:10 | 1.077 | 1.891 | 1.961 | 3.464 | 0.475 | 3.398 | 53.27 | 53.80 | 55.19 | 56.23 | 53.24 | 56.47 | 26.115 | 0.405 |
| 6/1/2025 9:20 | 1.027 | 1.876 | 1.948 | 3.445 | 0.476 | 3.391 | 53.45 | 53.80 | 55.36 | 56.23 | 53.34 | 56.46 | 25.842 | 0.404 |
| 6/1/2025 9:30 | 0.999 | 1.887 | 1.948 | 3.445 | 0.461 | 3.398 | 53.45 | 53.97 | 55.54 | 56.23 | 53.44 | 56.45 | 25.400 | 0.402 |
| 6/1/2025 9:40 | 0.976 | 1.880 | 1.960 | 3.456 | 0.459 | 3.396 | 53.80 | 53.97 | 55.88 | 56.06 | 53.54 | 56.45 | 25.160 | 0.401 |
| 6/1/2025 9:50 | 0.941 | 1.879 | 1.948 | 3.443 | 0.458 | 3.391 | 53.97 | 53.97 | 56.06 | 56.06 | 53.66 | 56.44 | 24.978 | 0.399 |
| 6/1/2025 10:00 | 0.915 | 1.884 | 1.940 | 3.440 | 0.457 | 3.402 | 54.15 | 54.15 | 56.40 | 56.06 | 53.77 | 56.44 | 24.878 | 0.398 |
| 6/1/2025 10:10 | 0.893 | 1.878 | 1.945 | 3.449 | 0.456 | 3.409 | 54.15 | 54.15 | 56.58 | 56.06 | 53.89 | 56.44 | 24.725 | 0.396 |
| 6/1/2025 10:20 | 0.875 | 1.879 | 1.944 | 3.443 | 0.459 | 3.406 | 54.32 | 54.15 | 56.92 | 56.06 | 54.02 | 56.44 | 24.436 | 0.394 |
| 6/1/2025 10:30 | 0.848 | 1.875 | 1.934 | 3.446 | 0.456 | 3.406 | 54.50 | 54.32 | 57.44 | 56.06 | 54.18 | 56.44 | 23.970 | 0.392 |
| 6/1/2025 10:40 | 0.830 | 1.872 | 1.929 | 3.440 | 0.460 | 3.400 | 54.67 | 54.32 | 57.79 | 56.06 | 54.33 | 56.44 | 23.866 | 0.390 |
| 6/1/2025 10:50 | 0.804 | 1.872 | 1.937 | 3.440 | 0.447 | 3.399 | 55.02 | 54.50 | 58.13 | 56.06 | 54.51 | 56.44 | 23.369 | 0.389 |
| 6/1/2025 11:00 | 0.787 | 1.878 | 1.936 | 3.445 | 0.449 | 3.399 | 55.36 | 54.50 | 58.48 | 56.06 | 54.67 | 56.44 | 23.375 | 0.387 |
| 6/1/2025 11:10 | 0.766 | 1.868 | 1.932 | 3.436 | 0.447 | 3.391 | 55.54 | 54.67 | 58.82 | 56.06 | 54.87 | 56.45 | 22.672 | 0.386 |
| 6/1/2025 11:20 | 0.751 | 1.857 | 1.922 | 3.428 | 0.445 | 3.392 | 55.71 | 54.67 | 59.16 | 56.06 | 55.04 | 56.45 | 22.384 | 0.386 |
| 6/1/2025 11:30 | 0.737 | 1.866 | 1.931 | 3.429 | 0.450 | 3.399 | 55.88 | 54.84 | 59.51 | 56.06 | 55.24 | 56.46 | 22.082 | 0.385 |
| 6/1/2025 11:40 | 0.728 | 1.861 | 1.920 | 3.428 | 0.451 | 3.402 | 56.06 | 55.02 | 59.85 | 56.06 | 55.40 | 56.47 | 22.064 | 0.384 |
| 6/1/2025 11:50 | 0.714 | 1.861 | 1.918 | 3.424 | 0.451 | 3.390 | 56.40 | 55.19 | 60.20 | 56.06 | 55.61 | 56.48 | 21.637 | 0.383 |
| 6/1/2025 12:00 | 0.715 | 1.870 | 1.939 | 3.440 | 0.447 | 3.408 | 56.58 | 55.19 | 60.54 | 56.06 | 55.81 | 56.48 | 21.897 | 0.382 |
| 6/1/2025 12:10 | 0.701 | 1.855 | 1.914 | 3.413 | 0.439 | 3.391 | 56.75 | 55.36 | 60.88 | 56.06 | 56.03 | 56.49 | 21.712 | 0.382 |
| 6/1/2025 12:20 | 0.677 | 1.854 | 1.918 | 3.416 | 0.428 | 3.396 | 57.10 | 55.54 | 61.23 | 56.06 | 56.30 | 56.50 | 21.261 | 0.382 |
| 6/1/2025 12:30 | 0.673 | 1.853 | 1.918 | 3.422 | 0.443 | 3.402 | 57.44 | 55.71 | 61.57 | 56.06 | 56.61 | 56.51 | 20.826 | 0.382 |
| 6/1/2025 12:40 | 0.667 | 1.851 | 1.913 | 3.424 | 0.447 | 3.396 | 57.61 | 55.88 | 61.91 | 56.06 | 56.90 | 56.52 | 20.413 | 0.382 |
| 6/1/2025 12:50 | 0.655 | 1.842 | 1.905 | 3.414 | 0.436 | 3.398 | 57.79 | 56.06 | 62.25 | 56.06 | 57.17 | 56.53 | 20.053 | 0.382 |
| 6/1/2025 13:00 | 0.644 | 1.839 | 1.914 | 3.418 | 0.437 | 3.396 | 58.13 | 56.23 | 62.60 | 56.06 | 57.41 | 56.55 | 19.802 | 0.383 |
| 6/1/2025 13:10 | 0.639 | 1.823 | 1.897 | 3.413 | 0.430 | 3.382 | 58.13 | 56.40 | 63.11 | 56.06 | 57.72 | 56.56 | 19.217 | 0.383 |
| 6/1/2025 13:20 | 0.626 | 1.840 | 1.906 | 3.422 | 0.442 | 3.393 | 58.48 | 56.58 | 63.28 | 56.06 | 58.02 | 56.57 | 18.807 | 0.384 |
| 6/1/2025 13:30 | 0.614 | 1.839 | 1.892 | 3.409 | 0.441 | 3.397 | 58.65 | 56.75 | 63.80 | 56.06 | 58.29 | 56.57 | 18.500 | 0.386 |
| 6/1/2025 13:40 | 0.622 | 1.828 | 1.894 | 3.406 | 0.432 | 3.393 | 58.65 | 56.92 | 64.14 | 56.06 | 58.51 | 56.59 | 18.246 | 0.387 |
| 6/1/2025 13:50 | 0.665 | 1.831 | 1.897 | 3.412 | 0.441 | 3.401 | 58.99 | 57.10 | 64.31 | 56.06 | 58.73 | 56.61 | 17.975 | 0.388 |
| 6/1/2025 14:00 | 0.774 | 1.825 | 1.885 | 3.399 | 0.424 | 3.389 | 59.16 | 57.27 | 64.65 | 56.06 | 58.89 | 56.62 | 17.896 | 0.389 |
| 6/1/2025 14:10 | 0.913 | 1.822 | 1.886 | 3.410 | 0.437 | 3.390 | 59.34 | 57.44 | 64.83 | 56.06 | 59.11 | 56.63 | 17.713 | 0.391 |
| 6/1/2025 14:20 | 1.102 | 1.828 | 1.903 | 3.412 | 0.447 | 3.409 | 59.68 | 57.61 | 65.00 | 56.06 | 59.32 | 56.65 | 17.563 | 0.392 |
| 6/1/2025 14:30 | 1.333 | 1.842 | 1.895 | 3.415 | 0.471 | 3.406 | 59.85 | 57.79 | 65.17 | 56.23 | 59.56 | 56.67 | 17.319 | 0.394 |
| 6/1/2025 14:40 | 1.631 | 1.834 | 1.897 | 3.414 | 0.638 | 3.399 | 59.51 | 57.96 | 65.17 | 56.23 | 59.74 | 56.69 | 17.135 | 0.395 |
| 6/1/2025 14:50 | 1.953 | 1.867 | 1.903 | 3.409 | 0.867 | 3.402 | 56.40 | 58.13 | 65.17 | 56.23 | 59.77 | 56.71 | 17.085 | 0.396 |
| 6/1/2025 15:00 | 2.253 | 2.026 | 2.058 | 3.411 | 1.048 | 3.412 | 53.97 | 58.30 | 65.34 | 56.23 | 57.96 | 56.72 | 23.134 | 0.396 |
| 6/1/2025 15:10 | 2.581 | 2.194 | 2.222 | 3.410 | 1.212 | 3.407 | 53.27 | 58.48 | 65.34 | 56.23 | 56.47 | 56.74 | 25.454 | 0.396 |
| 6/1/2025 15:20 | 2.883 | 2.345 | 2.368 | 3.399 | 1.371 | 3.405 | 52.40 | 58.65 | 65.34 | 56.23 | 55.70 | 56.76 | 27.024 | 0.395 |
| 6/1/2025 15:30 | 3.110 | 2.500 | 2.524 | 3.405 | 1.536 | 3.395 | 51.52 | 58.82 | 65.51 | 56.23 | 55.05 | 56.77 | 27.924 | 0.394 |
| 6/1/2025 15:40 | 3.373 | 2.662 | 2.686 | 3.406 | 1.676 | 3.398 | 50.82 | 58.99 | 65.68 | 56.40 | 54.71 | 56.80 | 28.185 | 0.393 |
| 6/1/2025 15:50 | 3.455 | 2.801 | 2.823 | 3.404 | 1.826 | 3.397 | 50.29 | 58.99 | 66.02 | 56.40 | 54.34 | 56.82 | 28.255 | 0.392 |
| 6/1/2025 16:00 | 3.563 | 2.934 | 2.958 | 3.411 | 1.947 | 3.399 | 50.11 | 58.99 | 66.19 | 56.40 | 54.17 | 56.84 | 28.217 | 0.392 |
| 6/1/2025 16:10 | 3.642 | 3.046 | 3.065 | 3.400 | 2.053 | 3.397 | 49.76 | 58.99 | 66.37 | 56.40 | 53.89 | 56.86 | 28.222 | 0.392 |
| 6/1/2025 16:20 | 3.731 | 3.156 | 3.155 | 3.403 | 2.162 | 3.399 | 49.40 | 58.65 | 66.37 | 56.40 | 53.62 | 56.88 | 28.191 | 0.392 |
| 6/1/2025 16:30 | 3.810 | 3.256 | 3.259 | 3.416 | 2.258 | 3.403 | 49.05 | 58.30 | 66.37 | 56.40 | 53.26 | 56.90 | 28.252 | 0.392 |
| 6/1/2025 16:40 | 3.708 | 3.324 | 3.324 | 3.428 | 2.325 | 3.403 | 49.05 | 57.96 | 66.37 | 56.58 | 52.99 | 56.91 | 28.259 | 0.392 |
| 6/1/2025 16:50 | 3.639 | 3.387 | 3.384 | 3.470 | 2.388 | 3.395 | 49.05 | 57.79 | 66.19 | 56.58 | 52.71 | 56.93 | 28.268 | 0.392 |
| 6/1/2025 17:00 | 3.604 | 3.444 | 3.448 | 3.501 | 2.444 | 3.394 | 49.05 | 57.44 | 65.00 | 56.58 | 52.50 | 56.94 | 28.313 | 0.392 |
| 6/1/2025 17:10 | 3.523 | 3.469 | 3.488 | 3.530 | 2.476 | 3.388 | 49.05 | 57.27 | 63.11 | 56.58 | 52.31 | 56.95 | 28.292 | 0.393 |
| 6/1/2025 17:20 | 3.491 | 3.498 | 3.514 | 3.560 | 2.485 | 3.385 | 49.05 | 56.92 | 61.57 | 56.58 | 52.15 | 56.96 | 28.281 | 0.392 |
| 6/1/2025 17:30 | 3.340 | 3.466 | 3.476 | 3.579 | 2.443 | 3.390 | 49.05 | 56.75 | 60.54 | 56.58 | 51.95 | 56.97 | 28.345 | 0.392 |
| 6/1/2025 17:40 | 3.148 | 3.359 | 3.357 | 3.546 | 2.326 | 3.391 | 49.23 | 56.58 | 60.02 | 56.75 | 51.83 | 56.98 | 28.286 | 0.392 |
| 6/1/2025 17:50 | 3.032 | 3.191 | 3.189 | 3.516 | 2.152 | 3.399 | 49.40 | 56.40 | 59.68 | 56.75 | 51.78 | 56.98 | 28.273 | 0.392 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/1/2025 18:00 | 2.857 | 2.996 | 3.002 | 3.463 | 1.956 | 3.395 | 49.76 | 56.23 | 60.02 | 56.75 | 51.85 | 57.00 | 28.319 | 0.392 |
| 6/1/2025 18:10 | 2.604 | 2.802 | 2.819 | 3.433 | 1.758 | 3.383 | 50.29 | 56.23 | 60.71 | 56.75 | 51.96 | 57.00 | 28.323 | 0.392 |
| 6/1/2025 18:20 | 2.447 | 2.617 | 2.652 | 3.420 | 1.586 | 3.401 | 50.82 | 56.23 | 61.05 | 56.75 | 52.09 | 57.01 | 28.309 | 0.392 |
| 6/1/2025 18:30 | 2.272 | 2.457 | 2.483 | 3.401 | 1.405 | 3.389 | 51.17 | 56.40 | 60.88 | 56.75 | 52.21 | 57.01 | 28.306 | 0.392 |
| 6/1/2025 18:40 | 2.098 | 2.280 | 2.322 | 3.390 | 1.236 | 3.386 | 51.52 | 56.58 | 60.54 | 56.92 | 52.38 | 57.02 | 28.318 | 0.391 |
| 6/1/2025 18:50 | 1.930 | 2.153 | 2.190 | 3.389 | 1.082 | 3.387 | 52.05 | 56.75 | 60.37 | 56.92 | 52.59 | 57.02 | 28.321 | 0.391 |
| 6/1/2025 19:00 | 1.801 | 2.050 | 2.086 | 3.392 | 0.954 | 3.398 | 52.40 | 56.92 | 60.20 | 56.92 | 52.82 | 57.03 | 27.902 | 0.391 |
| 6/1/2025 19:10 | 1.673 | 1.956 | 2.002 | 3.386 | 0.831 | 3.389 | 52.58 | 57.10 | 59.85 | 56.92 | 53.15 | 57.03 | 28.422 | 0.390 |
| 6/1/2025 19:20 | 1.564 | 1.886 | 1.935 | 3.386 | 0.733 | 3.381 | 52.93 | 57.10 | 59.68 | 56.92 | 53.61 | 57.04 | 28.504 | 0.389 |
| 6/1/2025 19:30 | 1.462 | 1.852 | 1.903 | 3.389 | 0.654 | 3.378 | 53.27 | 57.27 | 59.34 | 56.92 | 54.05 | 57.04 | 28.558 | 0.389 |
| 6/1/2025 19:40 | 1.386 | 1.823 | 1.886 | 3.375 | 0.583 | 3.386 | 53.62 | 57.27 | 59.16 | 56.92 | 54.39 | 57.04 | 28.518 | 0.389 |
| 6/1/2025 19:50 | 1.310 | 1.816 | 1.875 | 3.373 | 0.532 | 3.386 | 53.80 | 57.27 | 58.99 | 56.92 | 54.64 | 57.04 | 28.462 | 0.388 |
| 6/1/2025 20:00 | 1.238 | 1.807 | 1.871 | 3.380 | 0.487 | 3.380 | 54.15 | 57.44 | 58.65 | 57.10 | 54.87 | 57.04 | 28.299 | 0.388 |
| 6/1/2025 20:10 | 1.175 | 1.809 | 1.857 | 3.374 | 0.456 | 3.389 | 54.50 | 57.44 | 58.48 | 57.10 | 55.02 | 57.04 | 28.277 | 0.389 |
| 6/1/2025 20:20 | 1.126 | 1.811 | 1.866 | 3.384 | 0.453 | 3.395 | 54.67 | 57.44 | 58.30 | 57.10 | 55.17 | 57.03 | 28.187 | 0.389 |
| 6/1/2025 20:30 | 1.073 | 1.805 | 1.866 | 3.378 | 0.436 | 3.380 | 54.67 | 57.44 | 57.96 | 57.10 | 55.28 | 57.03 | 28.067 | 0.389 |
| 6/1/2025 20:40 | 1.021 | 1.796 | 1.859 | 3.369 | 0.425 | 3.383 | 54.84 | 57.44 | 57.79 | 57.10 | 55.38 | 57.02 | 27.717 | 0.389 |
| 6/1/2025 20:50 | 0.983 | 1.801 | 1.856 | 3.370 | 0.417 | 3.383 | 54.84 | 57.44 | 57.61 | 57.10 | 55.44 | 57.02 | 27.523 | 0.388 |
| 6/1/2025 21:00 | 0.950 | 1.807 | 1.861 | 3.380 | 0.422 | 3.394 | 54.84 | 57.44 | 57.44 | 57.10 | 55.47 | 57.01 | 27.354 | 0.388 |
| 6/1/2025 21:10 | 0.909 | 1.793 | 1.854 | 3.370 | 0.417 | 3.381 | 54.84 | 57.44 | 57.27 | 57.10 | 55.51 | 57.00 | 25.804 | 0.388 |
| 6/1/2025 21:20 | 0.882 | 1.790 | 1.858 | 3.375 | 0.411 | 3.378 | 54.84 | 57.27 | 57.10 | 57.10 | 55.51 | 56.99 | 27.043 | 0.388 |
| 6/1/2025 21:30 | 0.855 | 1.798 | 1.865 | 3.372 | 0.417 | 3.384 | 54.84 | 57.27 | 56.92 | 57.10 | 55.51 | 56.98 | 26.839 | 0.387 |
| 6/1/2025 21:40 | 0.825 | 1.792 | 1.858 | 3.369 | 0.404 | 3.388 | 54.84 | 57.27 | 56.75 | 57.10 | 55.50 | 56.97 | 26.444 | 0.387 |
| 6/1/2025 21:50 | 0.798 | 1.793 | 1.858 | 3.370 | 0.416 | 3.389 | 54.67 | 57.27 | 56.58 | 57.10 | 55.49 | 56.96 | 25.922 | 0.387 |
| 6/1/2025 22:00 | 0.771 | 1.790 | 1.851 | 3.367 | 0.405 | 3.381 | 54.67 | 57.27 | 56.58 | 57.10 | 55.44 | 56.95 | 25.907 | 0.387 |
| 6/1/2025 22:10 | 0.745 | 1.790 | 1.847 | 3.368 | 0.396 | 3.377 | 54.67 | 57.10 | 56.40 | 57.10 | 55.38 | 56.94 | 25.632 | 0.387 |
| 6/1/2025 22:20 | 0.721 | 1.783 | 1.843 | 3.365 | 0.397 | 3.383 | 54.50 | 57.10 | 56.23 | 57.10 | 55.36 | 56.92 | 24.634 | 0.387 |
| 6/1/2025 22:30 | 0.711 | 1.788 | 1.851 | 3.366 | 0.406 | 3.385 | 54.50 | 57.10 | 56.06 | 57.10 | 55.31 | 56.91 | 23.978 | 0.386 |
| 6/1/2025 22:40 | 0.688 | 1.789 | 1.851 | 3.363 | 0.399 | 3.385 | 54.32 | 57.10 | 56.06 | 57.10 | 55.24 | 56.90 | 23.699 | 0.386 |
| 6/1/2025 22:50 | 0.676 | 1.789 | 1.854 | 3.364 | 0.402 | 3.382 | 54.32 | 56.92 | 55.88 | 57.10 | 55.18 | 56.89 | 23.720 | 0.387 |
| 6/1/2025 23:00 | 0.661 | 1.786 | 1.844 | 3.368 | 0.407 | 3.391 | 54.15 | 56.92 | 55.88 | 57.10 | 55.12 | 56.88 | 23.279 | 0.387 |
| 6/1/2025 23:10 | 0.642 | 1.783 | 1.844 | 3.361 | 0.398 | 3.385 | 54.15 | 56.92 | 55.71 | 57.10 | 55.07 | 56.86 | 22.729 | 0.387 |
| 6/1/2025 23:20 | 0.626 | 1.783 | 1.833 | 3.362 | 0.398 | 3.382 | 53.97 | 56.75 | 55.54 | 57.10 | 55.01 | 56.85 | 20.780 | 0.387 |
| 6/1/2025 23:30 | 0.612 | 1.773 | 1.830 | 3.356 | 0.392 | 3.373 | 53.97 | 56.75 | 55.54 | 57.10 | 54.95 | 56.83 | 20.160 | 0.387 |
| 6/1/2025 23:40 | 0.605 | 1.785 | 1.837 | 3.356 | 0.395 | 3.388 | 53.97 | 56.75 | 55.36 | 57.10 | 54.88 | 56.82 | 20.054 | 0.388 |
| 6/1/2025 23:50 | 0.601 | 1.785 | 1.841 | 3.364 | 0.395 | 3.397 | 53.97 | 56.58 | 55.36 | 57.10 | 54.82 | 56.81 | 19.619 | 0.388 |
| 6/2/2025 0:00 | 0.577 | 1.781 | 1.825 | 3.353 | 0.389 | 3.389 | 53.80 | 56.58 | 55.19 | 57.10 | 54.75 | 56.80 | 19.009 | 0.388 |
| 6/2/2025 0:10 | 0.578 | 1.774 | 1.840 | 3.361 | 0.390 | 3.386 | 53.80 | 56.58 | 55.19 | 57.10 | 54.69 | 56.78 | 18.913 | 0.389 |
| 6/2/2025 0:20 | 0.563 | 1.786 | 1.833 | 3.358 | 0.386 | 3.377 | 53.80 | 56.40 | 55.02 | 57.10 | 54.63 | 56.76 | 18.394 | 0.390 |
| 6/2/2025 0:30 | 0.548 | 1.771 | 1.829 | 3.355 | 0.388 | 3.383 | 53.80 | 56.40 | 54.84 | 57.10 | 54.56 | 56.75 | 18.348 | 0.391 |
| 6/2/2025 0:40 | 0.553 | 1.779 | 1.837 | 3.363 | 0.393 | 3.390 | 53.97 | 56.40 | 54.84 | 57.10 | 54.50 | 56.73 | 18.477 | 0.393 |
| 6/2/2025 0:50 | 0.545 | 1.779 | 1.830 | 3.364 | 0.389 | 3.389 | 53.80 | 56.23 | 54.84 | 57.10 | 54.43 | 56.71 | 18.620 | 0.394 |
| 6/2/2025 1:00 | 0.545 | 1.787 | 1.841 | 3.372 | 0.399 | 3.393 | 53.80 | 56.23 | 54.67 | 57.10 | 54.37 | 56.70 | 18.647 | 0.395 |
| 6/2/2025 1:10 | 0.530 | 1.784 | 1.830 | 3.361 | 0.383 | 3.389 | 53.80 | 56.23 | 54.67 | 57.10 | 54.31 | 56.68 | 18.634 | 0.395 |
| 6/2/2025 1:20 | 0.519 | 1.776 | 1.833 | 3.361 | 0.382 | 3.386 | 53.80 | 56.06 | 54.50 | 57.10 | 54.25 | 56.67 | 18.322 | 0.395 |
| 6/2/2025 1:30 | 0.511 | 1.773 | 1.827 | 3.353 | 0.385 | 3.380 | 53.62 | 56.06 | 54.50 | 56.92 | 54.20 | 56.64 | 18.069 | 0.395 |
| 6/2/2025 1:40 | 0.508 | 1.774 | 1.826 | 3.350 | 0.387 | 3.385 | 53.62 | 56.06 | 54.32 | 56.92 | 54.14 | 56.63 | 18.162 | 0.394 |
| 6/2/2025 1:50 | 0.544 | 1.782 | 1.827 | 3.354 | 0.387 | 3.392 | 53.62 | 55.88 | 54.32 | 56.92 | 54.08 | 56.61 | 18.046 | 0.394 |
| 6/2/2025 2:00 | 0.708 | 1.770 | 1.823 | 3.355 | 0.381 | 3.374 | 53.27 | 55.88 | 54.32 | 56.92 | 54.03 | 56.59 | 18.062 | 0.394 |
| 6/2/2025 2:10 | 0.869 | 1.771 | 1.823 | 3.355 | 0.382 | 3.389 | 53.10 | 55.88 | 54.15 | 56.92 | 53.97 | 56.57 | 18.165 | 0.394 |
| 6/2/2025 2:20 | 1.082 | 1.778 | 1.826 | 3.359 | 0.384 | 3.389 | 53.10 | 55.71 | 54.15 | 56.92 | 53.92 | 56.55 | 18.254 | 0.394 |
| 6/2/2025 2:30 | 1.254 | 1.781 | 1.829 | 3.354 | 0.409 | 3.391 | 52.93 | 55.71 | 53.97 | 56.92 | 53.86 | 56.53 | 18.339 | 0.394 |
| 6/2/2025 2:40 | 1.512 | 1.774 | 1.822 | 3.347 | 0.525 | 3.381 | 51.87 | 55.71 | 53.97 | 56.92 | 53.81 | 56.51 | 18.359 | 0.394 |
| 6/2/2025 2:50 | 1.867 | 1.801 | 1.817 | 3.355 | 0.736 | 3.390 | 48.87 | 55.71 | 53.80 | 56.92 | 53.16 | 56.49 | 20.554 | 0.394 |
| 6/2/2025 3:00 | 2.248 | 1.923 | 1.945 | 3.355 | 0.928 | 3.392 | 48.16 | 55.54 | 53.80 | 56.92 | 51.06 | 56.47 | 25.437 | 0.394 |
| 6/2/2025 3:10 | 2.566 | 2.108 | 2.117 | 3.356 | 1.102 | 3.389 | 47.62 | 55.54 | 53.62 | 56.92 | 51.53 | 56.45 | 27.309 | 0.394 |
| 6/2/2025 3:20 | 2.889 | 2.281 | 2.299 | 3.356 | 1.293 | 3.381 | 47.27 | 55.54 | 53.45 | 56.75 | 50.31 | 56.43 | 27.481 | 0.394 |
| 6/2/2025 3:30 | 3.196 | 2.465 | 2.478 | 3.360 | 1.462 | 3.399 | 46.91 | 55.36 | 53.45 | 56.75 | 49.94 | 56.41 | 27.590 | 0.394 |
| 6/2/2025 3:40 | 3.511 | 2.638 | 2.643 | 3.365 | 1.637 | 3.391 | 46.73 | 55.36 | 53.45 | 56.75 | 49.73 | 56.40 | 28.350 | 0.394 |
| 6/2/2025 3:50 | 3.685 | 2.803 | 2.793 | 3.358 | 1.793 | 3.393 | 46.37 | 55.19 | 53.27 | 56.75 | 49.45 | 56.37 | 28.824 | 0.394 |
| 6/2/2025 4:00 | 3.894 | 2.937 | 2.935 | 3.355 | 1.925 | 3.380 | 46.19 | 54.84 | 53.27 | 56.75 | 49.10 | 56.36 | 29.097 | 0.394 |
| 6/2/2025 4:10 | 3.938 | 3.078 | 3.070 | 3.363 | 2.062 | 3.392 | 46.19 | 54.32 | 53.10 | 56.75 | 48.82 | 56.34 | 29.248 | 0.393 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/2/2025 4:20 | 4.072 | 3.208 | 3.194 | 3.359 | 2.189 | 3.387 | 46.19 | 53.80 | 53.10 | 56.75 | 48.58 | 56.32 | 29.442 | 0.393 |
| 6/2/2025 4:30 | 4.082 | 3.310 | 3.297 | 3.367 | 2.291 | 3.396 | 46.37 | 53.10 | 53.10 | 56.75 | 48.44 | 56.30 | 29.699 | 0.393 |
| 6/2/2025 4:40 | 4.074 | 3.398 | 3.380 | 3.414 | 2.368 | 3.383 | 46.37 | 52.75 | 52.93 | 56.75 | 48.28 | 56.28 | 30.110 | 0.394 |
| 6/2/2025 4:50 | 4.185 | 3.463 | 3.449 | 3.480 | 2.444 | 3.401 | 46.19 | 52.23 | 52.58 | 56.58 | 48.11 | 56.27 | 30.392 | 0.394 |
| 6/2/2025 5:00 | 4.126 | 3.527 | 3.518 | 3.542 | 2.504 | 3.406 | 46.19 | 51.70 | 51.70 | 56.58 | 47.97 | 56.25 | 30.529 | 0.394 |
| 6/2/2025 5:10 | 3.985 | 3.549 | 3.563 | 3.582 | 2.531 | 3.384 | 46.19 | 50.47 | 51.00 | 56.58 | 47.90 | 56.24 | 30.684 | 0.394 |
| 6/2/2025 5:20 | 3.953 | 3.589 | 3.609 | 3.621 | 2.577 | 3.399 | 46.01 | 49.23 | 50.47 | 56.58 | 47.86 | 56.22 | 30.773 | 0.394 |
| 6/2/2025 5:30 | 3.843 | 3.623 | 3.629 | 3.649 | 2.605 | 3.386 | 46.01 | 48.87 | 50.11 | 56.58 | 47.81 | 56.21 | 30.877 | 0.394 |
| 6/2/2025 5:40 | 3.731 | 3.645 | 3.656 | 3.679 | 2.632 | 3.394 | 46.01 | 48.52 | 49.76 | 56.58 | 47.76 | 56.19 | 30.952 | 0.394 |
| 6/2/2025 5:50 | 3.589 | 3.656 | 3.674 | 3.694 | 2.636 | 3.395 | 46.01 | 48.34 | 49.58 | 56.58 | 47.69 | 56.17 | 30.970 | 0.393 |
| 6/2/2025 6:00 | 3.390 | 3.567 | 3.585 | 3.689 | 2.525 | 3.398 | 46.01 | 48.34 | 49.40 | 56.58 | 47.28 | 56.16 | 31.325 | 0.392 |
| 6/2/2025 6:10 | 3.208 | 3.394 | 3.402 | 3.630 | 2.343 | 3.396 | 46.19 | 48.87 | 49.58 | 56.58 | 46.67 | 56.14 | 31.312 | 0.397 |
| 6/2/2025 6:20 | 3.010 | 3.186 | 3.197 | 3.550 | 2.131 | 3.393 | 46.37 | 49.23 | 49.94 | 56.40 | 46.86 | 56.13 | 31.037 | 0.398 |
| 6/2/2025 6:30 | 2.787 | 2.965 | 2.986 | 3.481 | 1.917 | 3.391 | 46.37 | 49.58 | 50.82 | 56.40 | 47.13 | 56.12 | 30.993 | 0.397 |
| 6/2/2025 6:40 | 2.594 | 2.770 | 2.787 | 3.438 | 1.727 | 3.398 | 46.55 | 49.76 | 51.35 | 56.40 | 47.32 | 56.11 | 30.980 | 0.397 |
| 6/2/2025 6:50 | 2.384 | 2.561 | 2.574 | 3.389 | 1.502 | 3.387 | 46.91 | 50.11 | 51.70 | 56.40 | 47.48 | 56.10 | 30.977 | 0.396 |
| 6/2/2025 7:00 | 2.177 | 2.375 | 2.397 | 3.371 | 1.306 | 3.384 | 47.09 | 50.29 | 52.05 | 56.40 | 47.61 | 56.09 | 30.979 | 0.396 |
| 6/2/2025 7:10 | 2.005 | 2.208 | 2.238 | 3.365 | 1.130 | 3.373 | 47.27 | 50.64 | 52.23 | 56.40 | 47.80 | 56.08 | 30.963 | 0.395 |
| 6/2/2025 7:20 | 1.859 | 2.081 | 2.106 | 3.352 | 0.974 | 3.380 | 47.45 | 50.82 | 52.40 | 56.40 | 48.04 | 56.07 | 30.992 | 0.395 |
| 6/2/2025 7:30 | 1.728 | 1.969 | 2.008 | 3.358 | 0.852 | 3.383 | 47.62 | 51.00 | 52.58 | 56.23 | 48.45 | 56.05 | 31.119 | 0.394 |
| 6/2/2025 7:40 | 1.618 | 1.889 | 1.935 | 3.357 | 0.747 | 3.389 | 47.80 | 51.17 | 52.75 | 56.23 | 48.84 | 56.05 | 31.155 | 0.394 |
| 6/2/2025 7:50 | 1.513 | 1.844 | 1.882 | 3.358 | 0.657 | 3.383 | 47.98 | 51.35 | 52.93 | 56.23 | 49.13 | 56.04 | 31.055 | 0.393 |
| 6/2/2025 8:00 | 1.412 | 1.806 | 1.845 | 3.346 | 0.575 | 3.375 | 48.34 | 51.52 | 53.10 | 56.23 | 49.37 | 56.03 | 30.818 | 0.392 |
| 6/2/2025 8:10 | 1.323 | 1.787 | 1.839 | 3.350 | 0.513 | 3.381 | 48.70 | 51.52 | 53.27 | 56.23 | 49.56 | 56.03 | 30.467 | 0.392 |
| 6/2/2025 8:20 | 1.255 | 1.785 | 1.827 | 3.348 | 0.466 | 3.376 | 49.23 | 51.70 | 53.45 | 56.23 | 49.75 | 56.02 | 30.180 | 0.392 |
| 6/2/2025 8:30 | 1.188 | 1.779 | 1.829 | 3.349 | 0.444 | 3.382 | 49.76 | 51.70 | 53.80 | 56.23 | 49.94 | 56.02 | 29.889 | 0.391 |
| 6/2/2025 8:40 | 1.121 | 1.778 | 1.829 | 3.352 | 0.421 | 3.385 | 50.11 | 51.87 | 54.15 | 56.23 | 50.11 | 56.02 | 29.646 | 0.391 |
| 6/2/2025 8:50 | 1.072 | 1.775 | 1.824 | 3.348 | 0.397 | 3.378 | 50.47 | 51.87 | 54.32 | 56.06 | 50.28 | 56.02 | 29.455 | 0.391 |
| 6/2/2025 9:00 | 1.013 | 1.771 | 1.828 | 3.347 | 0.400 | 3.380 | 50.82 | 52.05 | 54.67 | 56.06 | 50.46 | 56.01 | 29.253 | 0.391 |
| 6/2/2025 9:10 | 0.974 | 1.774 | 1.830 | 3.350 | 0.389 | 3.368 | 51.17 | 52.05 | 55.19 | 56.06 | 50.65 | 56.01 | 29.094 | 0.391 |
| 6/2/2025 9:20 | 0.928 | 1.778 | 1.817 | 3.351 | 0.393 | 3.374 | 51.52 | 52.23 | 55.54 | 56.06 | 50.84 | 56.01 | 28.905 | 0.391 |
| 6/2/2025 9:30 | 0.901 | 1.772 | 1.817 | 3.353 | 0.390 | 3.373 | 52.05 | 52.23 | 56.06 | 56.06 | 51.08 | 56.02 | 28.662 | 0.391 |
| 6/2/2025 9:40 | 0.859 | 1.774 | 1.812 | 3.354 | 0.382 | 3.373 | 52.23 | 52.40 | 56.58 | 56.06 | 51.32 | 56.02 | 28.472 | 0.391 |
| 6/2/2025 9:50 | 0.829 | 1.778 | 1.818 | 3.362 | 0.383 | 3.381 | 52.58 | 52.58 | 56.92 | 56.06 | 51.57 | 56.02 | 28.290 | 0.391 |
| 6/2/2025 10:00 | 0.813 | 1.777 | 1.814 | 3.364 | 0.392 | 3.376 | 52.93 | 52.58 | 57.27 | 56.06 | 51.83 | 56.03 | 28.125 | 0.392 |
| 6/2/2025 10:10 | 0.775 | 1.774 | 1.812 | 3.357 | 0.390 | 3.375 | 53.10 | 52.75 | 57.61 | 55.88 | 52.08 | 56.03 | 27.904 | 0.393 |
| 6/2/2025 10:20 | 0.739 | 1.772 | 1.804 | 3.351 | 0.387 | 3.368 | 53.27 | 52.93 | 57.96 | 55.88 | 52.31 | 56.03 | 27.651 | 0.394 |
| 6/2/2025 10:30 | 0.710 | 1.766 | 1.802 | 3.345 | 0.378 | 3.371 | 53.62 | 52.93 | 58.13 | 55.88 | 52.56 | 56.04 | 27.348 | 0.396 |
| 6/2/2025 10:40 | 0.683 | 1.758 | 1.799 | 3.348 | 0.381 | 3.364 | 53.97 | 53.10 | 58.48 | 55.88 | 52.83 | 56.04 | 27.086 | 0.397 |
| 6/2/2025 10:50 | 0.664 | 1.769 | 1.796 | 3.354 | 0.382 | 3.367 | 54.50 | 53.27 | 58.82 | 55.88 | 53.08 | 56.05 | 26.749 | 0.398 |
| 6/2/2025 11:00 | 0.647 | 1.763 | 1.800 | 3.356 | 0.388 | 3.369 | 54.67 | 53.45 | 59.34 | 55.88 | 53.35 | 56.05 | 26.530 | 0.400 |
| 6/2/2025 11:10 | 0.627 | 1.754 | 1.785 | 3.343 | 0.377 | 3.362 | 55.02 | 53.62 | 59.68 | 55.88 | 53.64 | 56.06 | 26.286 | 0.401 |
| 6/2/2025 11:20 | 0.613 | 1.771 | 1.802 | 3.352 | 0.384 | 3.371 | 55.36 | 53.80 | 60.02 | 55.88 | 53.96 | 56.07 | 26.054 | 0.402 |
| 6/2/2025 11:30 | 0.591 | 1.751 | 1.789 | 3.343 | 0.373 | 3.362 | 55.71 | 53.97 | 60.54 | 55.88 | 54.29 | 56.07 | 25.801 | 0.402 |
| 6/2/2025 11:40 | 0.570 | 1.751 | 1.790 | 3.354 | 0.372 | 3.371 | 56.06 | 54.15 | 61.05 | 55.88 | 54.62 | 56.07 | 25.577 | 0.403 |
| 6/2/2025 11:50 | 0.561 | 1.744 | 1.790 | 3.343 | 0.372 | 3.365 | 56.40 | 54.15 | 61.57 | 55.88 | 54.95 | 56.08 | 25.339 | 0.403 |
| 6/2/2025 12:00 | 0.553 | 1.750 | 1.787 | 3.345 | 0.379 | 3.362 | 56.75 | 54.32 | 62.08 | 55.88 | 55.28 | 56.08 | 25.176 | 0.403 |
| 6/2/2025 12:10 | 0.539 | 1.748 | 1.786 | 3.346 | 0.380 | 3.369 | 57.10 | 54.50 | 62.60 | 55.88 | 55.64 | 56.09 | 24.980 | 0.403 |
| 6/2/2025 12:20 | 0.523 | 1.746 | 1.782 | 3.344 | 0.382 | 3.368 | 57.61 | 54.67 | 62.94 | 55.88 | 55.98 | 56.10 | 24.814 | 0.403 |
| 6/2/2025 12:30 | 0.524 | 1.755 | 1.792 | 3.352 | 0.386 | 3.373 | 57.79 | 55.02 | 63.46 | 55.88 | 56.36 | 56.11 | 24.715 | 0.403 |
| 6/2/2025 12:40 | 0.510 | 1.755 | 1.786 | 3.356 | 0.383 | 3.374 | 58.48 | 55.19 | 63.80 | 55.88 | 56.71 | 56.12 | 24.560 | 0.403 |
| 6/2/2025 12:50 | 0.505 | 1.741 | 1.785 | 3.349 | 0.376 | 3.375 | 58.82 | 55.36 | 64.14 | 55.88 | 57.04 | 56.15 | 24.349 | 0.403 |
| 6/2/2025 13:00 | 0.501 | 1.748 | 1.786 | 3.348 | 0.386 | 3.381 | 58.99 | 55.54 | 64.48 | 55.88 | 57.35 | 56.16 | 24.102 | 0.403 |
| 6/2/2025 13:10 | 0.510 | 1.758 | 1.803 | 3.361 | 0.394 | 3.379 | 59.16 | 55.88 | 64.83 | 55.88 | 57.67 | 56.19 | 23.852 | 0.403 |
| 6/2/2025 13:20 | 0.493 | 1.756 | 1.788 | 3.355 | 0.385 | 3.383 | 59.16 | 56.06 | 65.00 | 55.88 | 58.01 | 56.21 | 23.724 | 0.404 |
| 6/2/2025 13:30 | 0.482 | 1.753 | 1.785 | 3.347 | 0.397 | 3.380 | 59.51 | 56.23 | 65.34 | 55.88 | 58.36 | 56.23 | 23.587 | 0.404 |
| 6/2/2025 13:40 | 0.467 | 1.738 | 1.775 | 3.347 | 0.377 | 3.370 | 59.68 | 56.58 | 65.51 | 55.88 | 58.71 | 56.25 | 23.440 | 0.405 |
| 6/2/2025 13:50 | 0.469 | 1.747 | 1.789 | 3.356 | 0.380 | 3.386 | 60.02 | 56.75 | 65.85 | 55.88 | 59.04 | 56.28 | 23.340 | 0.405 |
| 6/2/2025 14:00 | 0.456 | 1.746 | 1.784 | 3.350 | 0.369 | 3.379 | 60.02 | 56.92 | 66.02 | 55.88 | 59.39 | 56.30 | 23.251 | 0.405 |
| 6/2/2025 14:10 | 0.444 | 1.738 | 1.776 | 3.346 | 0.364 | 3.370 | 60.20 | 57.10 | 66.02 | 55.88 | 59.70 | 56.32 | 23.128 | 0.404 |
| 6/2/2025 14:20 | 0.437 | 1.738 | 1.772 | 3.341 | 0.370 | 3.370 | 60.71 | 57.44 | 66.19 | 56.06 | 59.97 | 56.34 | 23.003 | 0.404 |
| 6/2/2025 14:30 | 0.439 | 1.743 | 1.778 | 3.343 | 0.382 | 3.375 | 61.05 | 57.61 | 66.37 | 56.06 | 60.19 | 56.36 | 22.847 | 0.404 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/2/2025 14:40 | 0.446 | 1.739 | 1.789 | 3.354 | 0.378 | 3.367 | 60.88 | 57.79 | 66.37 | 56.06 | 60.42 | 56.37 | 22.712 | 0.404 |
| 6/2/2025 14:50 | 0.474 | 1.744 | 1.785 | 3.355 | 0.378 | 3.378 | 60.88 | 57.96 | 66.19 | 56.06 | 60.64 | 56.40 | 22.633 | 0.404 |
| 6/2/2025 15:00 | 0.588 | 1.740 | 1.780 | 3.350 | 0.379 | 3.373 | 61.05 | 58.13 | 66.02 | 56.06 | 60.84 | 56.41 | 22.506 | 0.404 |
| 6/2/2025 15:10 | 0.685 | 1.749 | 1.784 | 3.355 | 0.377 | 3.370 | 61.23 | 58.30 | 65.85 | 56.06 | 60.99 | 56.43 | 22.366 | 0.404 |
| 6/2/2025 15:20 | 0.876 | 1.751 | 1.786 | 3.361 | 0.392 | 3.390 | 61.40 | 58.48 | 65.85 | 56.23 | 61.20 | 56.44 | 21.944 | 0.403 |
| 6/2/2025 15:30 | 1.049 | 1.741 | 1.782 | 3.347 | 0.383 | 3.371 | 61.91 | 58.65 | 65.68 | 56.23 | 61.41 | 56.45 | 21.535 | 0.403 |
| 6/2/2025 15:40 | 1.223 | 1.741 | 1.785 | 3.362 | 0.421 | 3.372 | 62.25 | 58.82 | 65.51 | 56.23 | 61.50 | 56.47 | 21.362 | 0.403 |
| 6/2/2025 15:50 | 1.487 | 1.731 | 1.778 | 3.348 | 0.502 | 3.372 | 61.57 | 58.99 | 65.34 | 56.23 | 61.61 | 56.48 | 21.207 | 0.403 |
| 6/2/2025 16:00 | 1.767 | 1.742 | 1.780 | 3.351 | 0.694 | 3.365 | 57.96 | 59.16 | 65.17 | 56.23 | 61.71 | 56.50 | 20.899 | 0.403 |
| 6/2/2025 16:10 | 2.083 | 1.842 | 1.867 | 3.355 | 0.870 | 3.370 | 56.06 | 59.34 | 65.00 | 56.40 | 60.11 | 56.50 | 24.242 | 0.403 |
| 6/2/2025 16:20 | 2.385 | 1.988 | 2.012 | 3.355 | 1.016 | 3.390 | 55.54 | 59.51 | 65.00 | 56.40 | 58.46 | 56.54 | 26.390 | 0.403 |
| 6/2/2025 16:30 | 2.667 | 2.138 | 2.163 | 3.356 | 1.171 | 3.378 | 55.02 | 59.68 | 65.00 | 56.40 | 57.87 | 56.60 | 27.316 | 0.396 |
| 6/2/2025 16:40 | 2.926 | 2.299 | 2.319 | 3.363 | 1.324 | 3.379 | 54.67 | 59.68 | 65.00 | 56.40 | 57.12 | 56.61 | 27.985 | 0.390 |
| 6/2/2025 16:50 | 3.224 | 2.453 | 2.477 | 3.364 | 1.475 | 3.389 | 53.97 | 59.85 | 65.00 | 56.58 | 56.53 | 56.62 | 28.429 | 0.385 |
| 6/2/2025 17:00 | 3.221 | 2.590 | 2.607 | 3.363 | 1.607 | 3.384 | 53.62 | 60.02 | 65.00 | 56.58 | 56.13 | 56.64 | 28.600 | 0.382 |
| 6/2/2025 17:10 | 3.383 | 2.713 | 2.718 | 3.360 | 1.730 | 3.386 | 53.45 | 60.02 | 65.17 | 56.58 | 55.88 | 56.63 | 28.741 | 0.381 |
| 6/2/2025 17:20 | 3.348 | 2.816 | 2.824 | 3.359 | 1.833 | 3.380 | 53.45 | 60.02 | 65.34 | 56.58 | 55.59 | 56.63 | 28.799 | 0.380 |
| 6/2/2025 17:30 | 3.451 | 2.921 | 2.929 | 3.354 | 1.925 | 3.378 | 53.10 | 59.85 | 65.68 | 56.75 | 55.47 | 56.64 | 28.765 | 0.379 |
| 6/2/2025 17:40 | 3.415 | 3.017 | 3.014 | 3.354 | 2.015 | 3.382 | 53.10 | 59.68 | 65.85 | 56.75 | 55.28 | 56.65 | 28.708 | 0.379 |
| 6/2/2025 17:50 | 3.434 | 3.100 | 3.091 | 3.361 | 2.091 | 3.390 | 53.10 | 59.51 | 66.02 | 56.75 | 55.07 | 56.65 | 28.866 | 0.379 |
| 6/2/2025 18:00 | 3.305 | 3.158 | 3.155 | 3.363 | 2.154 | 3.385 | 53.10 | 59.16 | 66.19 | 56.75 | 54.92 | 56.65 | 28.522 | 0.378 |
| 6/2/2025 18:10 | 3.233 | 3.195 | 3.193 | 3.359 | 2.188 | 3.374 | 53.10 | 58.99 | 66.19 | 56.92 | 54.77 | 56.65 | 28.833 | 0.378 |
| 6/2/2025 18:20 | 3.157 | 3.196 | 3.213 | 3.365 | 2.190 | 3.382 | 53.10 | 58.82 | 65.17 | 56.92 | 54.65 | 56.66 | 28.906 | 0.378 |
| 6/2/2025 18:30 | 2.973 | 3.109 | 3.118 | 3.370 | 2.095 | 3.385 | 53.10 | 58.48 | 64.14 | 56.92 | 54.54 | 56.67 | 28.954 | 0.378 |
| 6/2/2025 18:40 | 2.859 | 2.971 | 2.986 | 3.359 | 1.955 | 3.378 | 53.10 | 58.48 | 63.28 | 56.92 | 54.48 | 56.67 | 28.765 | 0.378 |
| 6/2/2025 18:50 | 2.685 | 2.825 | 2.831 | 3.359 | 1.786 | 3.375 | 53.10 | 58.30 | 62.77 | 56.92 | 54.50 | 56.67 | 28.944 | 0.377 |
| 6/2/2025 19:00 | 2.525 | 2.665 | 2.685 | 3.362 | 1.639 | 3.378 | 53.10 | 58.30 | 62.43 | 57.10 | 54.57 | 56.68 | 29.662 | 0.377 |
| 6/2/2025 19:10 | 2.351 | 2.522 | 2.531 | 3.356 | 1.480 | 3.376 | 53.27 | 58.30 | 61.91 | 57.10 | 54.66 | 56.68 | 29.007 | 0.378 |
| 6/2/2025 19:20 | 2.191 | 2.371 | 2.391 | 3.358 | 1.326 | 3.380 | 53.45 | 58.30 | 61.40 | 57.10 | 54.73 | 56.68 | 27.651 | 0.378 |
| 6/2/2025 19:30 | 2.030 | 2.212 | 2.231 | 3.345 | 1.176 | 3.359 | 53.62 | 58.30 | 60.88 | 57.10 | 54.80 | 56.68 | 28.525 | 0.379 |
| 6/2/2025 19:40 | 1.889 | 2.094 | 2.113 | 3.349 | 1.033 | 3.370 | 53.97 | 58.30 | 60.37 | 57.10 | 54.88 | 56.68 | 28.834 | 0.381 |
| 6/2/2025 19:50 | 1.753 | 1.984 | 2.007 | 3.348 | 0.908 | 3.377 | 54.15 | 58.30 | 60.02 | 57.27 | 55.01 | 56.68 | 28.937 | 0.383 |
| 6/2/2025 20:00 | 1.625 | 1.890 | 1.919 | 3.346 | 0.784 | 3.365 | 54.32 | 58.48 | 59.68 | 57.27 | 55.13 | 56.69 | 28.955 | 0.384 |
| 6/2/2025 20:10 | 1.532 | 1.834 | 1.875 | 3.347 | 0.679 | 3.365 | 54.50 | 58.48 | 59.34 | 57.27 | 55.26 | 56.69 | 28.940 | 0.385 |
| 6/2/2025 20:20 | 1.428 | 1.797 | 1.850 | 3.348 | 0.594 | 3.372 | 54.67 | 58.48 | 59.16 | 57.27 | 55.40 | 56.69 | 28.968 | 0.386 |
| 6/2/2025 20:30 | 1.336 | 1.768 | 1.836 | 3.342 | 0.519 | 3.368 | 54.84 | 58.48 | 58.99 | 57.27 | 55.62 | 56.69 | 28.978 | 0.386 |
| 6/2/2025 20:40 | 1.251 | 1.758 | 1.828 | 3.336 | 0.470 | 3.362 | 55.02 | 58.48 | 58.65 | 57.27 | 55.83 | 56.69 | 28.907 | 0.387 |
| 6/2/2025 20:50 | 1.195 | 1.755 | 1.824 | 3.348 | 0.440 | 3.368 | 55.54 | 58.48 | 58.48 | 57.27 | 56.08 | 56.69 | 28.797 | 0.387 |
| 6/2/2025 21:00 | 1.125 | 1.751 | 1.820 | 3.338 | 0.408 | 3.365 | 55.54 | 58.30 | 58.30 | 57.27 | 56.22 | 56.69 | 28.612 | 0.387 |
| 6/2/2025 21:10 | 1.071 | 1.748 | 1.813 | 3.343 | 0.402 | 3.364 | 55.54 | 58.30 | 58.13 | 57.44 | 56.34 | 56.69 | 28.239 | 0.387 |
| 6/2/2025 21:20 | 1.021 | 1.749 | 1.812 | 3.340 | 0.394 | 3.375 | 55.71 | 58.30 | 57.96 | 57.44 | 56.39 | 56.68 | 27.989 | 0.387 |
| 6/2/2025 21:30 | 0.978 | 1.749 | 1.808 | 3.340 | 0.390 | 3.369 | 55.71 | 58.30 | 57.79 | 57.44 | 56.42 | 56.68 | 27.358 | 0.388 |
| 6/2/2025 21:40 | 0.932 | 1.742 | 1.805 | 3.337 | 0.384 | 3.371 | 55.71 | 58.30 | 57.79 | 57.44 | 56.43 | 56.68 | 26.898 | 0.388 |
| 6/2/2025 21:50 | 0.889 | 1.751 | 1.790 | 3.342 | 0.375 | 3.368 | 55.71 | 58.13 | 57.61 | 57.44 | 56.42 | 56.67 | 26.599 | 0.388 |
| 6/2/2025 22:00 | 0.848 | 1.748 | 1.795 | 3.340 | 0.373 | 3.372 | 55.71 | 58.13 | 57.44 | 57.44 | 56.43 | 56.66 | 25.498 | 0.388 |
| 6/2/2025 22:10 | 0.809 | 1.753 | 1.791 | 3.341 | 0.374 | 3.365 | 55.71 | 58.13 | 57.27 | 57.44 | 56.43 | 56.65 | 24.669 | 0.388 |
| 6/2/2025 22:20 | 0.783 | 1.746 | 1.776 | 3.338 | 0.370 | 3.370 | 55.71 | 58.13 | 57.10 | 57.44 | 56.38 | 56.65 | 24.753 | 0.389 |
| 6/2/2025 22:30 | 0.743 | 1.742 | 1.788 | 3.334 | 0.367 | 3.364 | 55.54 | 57.96 | 57.10 | 57.44 | 56.32 | 56.64 | 24.024 | 0.389 |
| 6/2/2025 22:40 | 0.723 | 1.746 | 1.790 | 3.342 | 0.380 | 3.371 | 55.54 | 57.96 | 56.92 | 57.44 | 56.27 | 56.64 | 23.572 | 0.389 |
| 6/2/2025 22:50 | 0.696 | 1.735 | 1.779 | 3.331 | 0.363 | 3.360 | 55.54 | 57.96 | 56.75 | 57.44 | 56.23 | 56.63 | 23.680 | 0.390 |
| 6/2/2025 23:00 | 0.670 | 1.736 | 1.776 | 3.332 | 0.366 | 3.364 | 55.54 | 57.79 | 56.75 | 57.44 | 56.20 | 56.63 | 22.785 | 0.390 |
| 6/2/2025 23:10 | 0.657 | 1.747 | 1.779 | 3.340 | 0.366 | 3.352 | 55.36 | 57.79 | 56.58 | 57.44 | 56.16 | 56.62 | 22.531 | 0.391 |
| 6/2/2025 23:20 | 0.639 | 1.744 | 1.787 | 3.337 | 0.370 | 3.365 | 55.36 | 57.79 | 56.58 | 57.44 | 56.11 | 56.62 | 22.099 | 0.392 |
| 6/2/2025 23:30 | 0.621 | 1.751 | 1.789 | 3.347 | 0.376 | 3.369 | 55.19 | 57.61 | 56.40 | 57.44 | 56.04 | 56.61 | 22.122 | 0.392 |
| 6/2/2025 23:40 | 0.595 | 1.740 | 1.782 | 3.341 | 0.371 | 3.366 | 55.19 | 57.61 | 56.40 | 57.44 | 55.99 | 56.61 | 21.778 | 0.393 |
| 6/2/2025 23:50 | 0.583 | 1.744 | 1.785 | 3.341 | 0.377 | 3.372 | 55.19 | 57.61 | 56.23 | 57.44 | 55.94 | 56.60 | 21.650 | 0.393 |
| 6/3/2025 0:00 | 0.571 | 1.747 | 1.785 | 3.348 | 0.377 | 3.373 | 55.19 | 57.44 | 56.23 | 57.44 | 55.90 | 56.59 | 21.370 | 0.395 |
| 6/3/2025 0:10 | 0.555 | 1.747 | 1.782 | 3.333 | 0.371 | 3.364 | 55.19 | 57.44 | 56.23 | 57.44 | 55.84 | 56.59 | 21.366 | 0.396 |
| 6/3/2025 0:20 | 0.540 | 1.744 | 1.782 | 3.337 | 0.372 | 3.368 | 55.19 | 57.44 | 56.23 | 57.44 | 55.79 | 56.58 | 21.314 | 0.398 |
| 6/3/2025 0:30 | 0.532 | 1.751 | 1.790 | 3.341 | 0.371 | 3.376 | 55.02 | 57.27 | 56.06 | 57.44 | 55.73 | 56.58 | 21.332 | 0.399 |
| 6/3/2025 0:40 | 0.514 | 1.745 | 1.780 | 3.335 | 0.365 | 3.370 | 55.02 | 57.27 | 56.06 | 57.44 | 55.66 | 56.57 | 21.210 | 0.401 |
| 6/3/2025 0:50 | 0.510 | 1.750 | 1.784 | 3.344 | 0.363 | 3.371 | 54.84 | 57.27 | 55.88 | 57.44 | 55.61 | 56.57 | 21.028 | 0.402 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/3/2025 1:00 | 0.499 | 1.743 | 1.784 | 3.341 | 0.365 | 3.371 | 54.84 | 57.10 | 55.88 | 57.44 | 55.56 | 56.57 | 20.659 | 0.403 |
| 6/3/2025 1:10 | 0.485 | 1.744 | 1.785 | 3.339 | 0.363 | 3.368 | 54.67 | 57.10 | 55.71 | 57.44 | 55.49 | 56.56 | 20.418 | 0.403 |
| 6/3/2025 1:20 | 0.478 | 1.745 | 1.782 | 3.328 | 0.358 | 3.362 | 54.67 | 57.10 | 55.71 | 57.44 | 55.41 | 56.56 | 20.746 | 0.404 |
| 6/3/2025 1:30 | 0.466 | 1.734 | 1.775 | 3.333 | 0.358 | 3.359 | 54.50 | 56.92 | 55.54 | 57.44 | 55.34 | 56.55 | 20.738 | 0.403 |
| 6/3/2025 1:40 | 0.463 | 1.739 | 1.779 | 3.330 | 0.367 | 3.362 | 54.50 | 56.92 | 55.54 | 57.44 | 55.28 | 56.55 | 20.736 | 0.403 |
| 6/3/2025 1:50 | 0.460 | 1.733 | 1.779 | 3.331 | 0.355 | 3.365 | 54.32 | 56.92 | 55.36 | 57.44 | 55.21 | 56.54 | 20.770 | 0.403 |
| 6/3/2025 2:00 | 0.456 | 1.740 | 1.786 | 3.331 | 0.360 | 3.367 | 54.32 | 56.92 | 55.19 | 57.44 | 55.15 | 56.54 | 20.654 | 0.403 |
| 6/3/2025 2:10 | 0.448 | 1.740 | 1.783 | 3.331 | 0.360 | 3.364 | 54.15 | 56.75 | 55.19 | 57.44 | 55.09 | 56.53 | 20.628 | 0.403 |
| 6/3/2025 2:20 | 0.452 | 1.745 | 1.783 | 3.335 | 0.359 | 3.373 | 54.15 | 56.75 | 55.02 | 57.27 | 55.02 | 56.52 | 20.498 | 0.403 |
| 6/3/2025 2:30 | 0.433 | 1.738 | 1.783 | 3.324 | 0.363 | 3.365 | 53.97 | 56.75 | 55.02 | 57.27 | 54.96 | 56.52 | 20.539 | 0.403 |
| 6/3/2025 2:40 | 0.433 | 1.737 | 1.775 | 3.328 | 0.351 | 3.356 | 53.97 | 56.58 | 54.84 | 57.27 | 54.89 | 56.49 | 20.480 | 0.433 |
| 6/3/2025 2:50 | 0.436 | 1.741 | 1.771 | 3.332 | 0.360 | 3.359 | 53.80 | 56.58 | 54.67 | 57.27 | 54.84 | 56.48 | 20.410 | 0.450 |
| 6/3/2025 3:00 | 0.484 | 1.738 | 1.771 | 3.325 | 0.350 | 3.361 | 53.80 | 56.58 | 54.67 | 57.27 | 54.78 | 56.48 | 20.390 | 0.452 |
| 6/3/2025 3:10 | 0.603 | 1.737 | 1.774 | 3.333 | 0.361 | 3.367 | 53.80 | 56.40 | 54.50 | 57.27 | 54.72 | 56.48 | 20.314 | 0.450 |
| 6/3/2025 3:20 | 0.753 | 1.738 | 1.778 | 3.329 | 0.358 | 3.364 | 53.80 | 56.40 | 54.50 | 57.27 | 54.66 | 56.48 | 20.207 | 0.448 |
| 6/3/2025 3:30 | 0.946 | 1.747 | 1.779 | 3.330 | 0.356 | 3.365 | 53.62 | 56.40 | 54.50 | 57.27 | 54.60 | 56.47 | 20.181 | 0.446 |
| 6/3/2025 3:40 | 1.089 | 1.743 | 1.783 | 3.331 | 0.361 | 3.367 | 53.62 | 56.23 | 54.32 | 57.27 | 54.54 | 56.42 | 20.093 | 0.492 |
| 6/3/2025 3:50 | 1.333 | 1.740 | 1.779 | 3.332 | 0.394 | 3.364 | 53.45 | 56.23 | 54.32 | 57.27 | 54.48 | 56.42 | 19.995 | 0.483 |
| 6/3/2025 4:00 | 1.641 | 1.743 | 1.778 | 3.335 | 0.540 | 3.360 | 51.52 | 56.23 | 54.15 | 57.27 | 54.42 | 56.42 | 19.940 | 0.476 |
| 6/3/2025 4:10 | 1.908 | 1.777 | 1.778 | 3.330 | 0.748 | 3.375 | 49.94 | 56.06 | 54.15 | 57.10 | 53.15 | 56.42 | 21.161 | 0.470 |
| 6/3/2025 4:20 | 2.168 | 1.892 | 1.908 | 3.335 | 0.896 | 3.371 | 49.76 | 56.06 | 53.97 | 57.10 | 51.83 | 56.42 | 26.564 | 0.463 |
| 6/3/2025 4:30 | 2.481 | 2.043 | 2.055 | 3.328 | 1.043 | 3.365 | 49.58 | 56.06 | 53.97 | 57.10 | 52.02 | 56.42 | 28.041 | 0.458 |
| 6/3/2025 4:40 | 2.769 | 2.193 | 2.202 | 3.330 | 1.195 | 3.361 | 49.23 | 55.88 | 53.80 | 57.10 | 51.45 | 56.41 | 28.141 | 0.451 |
| 6/3/2025 4:50 | 3.100 | 2.347 | 2.362 | 3.330 | 1.344 | 3.361 | 49.05 | 55.88 | 53.80 | 57.10 | 51.19 | 56.41 | 28.218 | 0.444 |
| 6/3/2025 5:00 | 3.199 | 2.501 | 2.508 | 3.331 | 1.500 | 3.369 | 48.87 | 55.88 | 53.62 | 57.10 | 51.11 | 56.40 | 28.593 | 0.437 |
| 6/3/2025 5:10 | 3.298 | 2.632 | 2.632 | 3.320 | 1.626 | 3.360 | 48.70 | 55.71 | 53.62 | 57.10 | 50.93 | 56.39 | 28.982 | 0.429 |
| 6/3/2025 5:20 | 3.424 | 2.761 | 2.760 | 3.324 | 1.753 | 3.359 | 48.52 | 55.36 | 53.62 | 57.10 | 50.73 | 56.38 | 29.212 | 0.423 |
| 6/3/2025 5:30 | 3.419 | 2.883 | 2.875 | 3.328 | 1.866 | 3.367 | 48.34 | 55.02 | 53.45 | 57.10 | 50.58 | 56.37 | 29.299 | 0.417 |
| 6/3/2025 5:40 | 3.467 | 2.974 | 2.962 | 3.324 | 1.959 | 3.360 | 48.34 | 54.67 | 53.45 | 57.10 | 50.45 | 56.36 | 29.392 | 0.412 |
| 6/3/2025 5:50 | 3.391 | 3.060 | 3.055 | 3.330 | 2.041 | 3.361 | 48.34 | 54.32 | 53.27 | 57.10 | 50.33 | 56.35 | 29.447 | 0.407 |
| 6/3/2025 6:00 | 3.445 | 3.131 | 3.134 | 3.324 | 2.119 | 3.362 | 48.52 | 54.15 | 53.27 | 56.92 | 50.19 | 56.34 | 29.515 | 0.404 |
| 6/3/2025 6:10 | 3.412 | 3.206 | 3.191 | 3.327 | 2.175 | 3.361 | 48.34 | 53.80 | 53.27 | 56.92 | 50.12 | 56.33 | 29.532 | 0.400 |
| 6/3/2025 6:20 | 3.287 | 3.250 | 3.245 | 3.333 | 2.218 | 3.361 | 48.16 | 53.45 | 53.45 | 56.92 | 50.02 | 56.32 | 29.580 | 0.394 |
| 6/3/2025 6:30 | 3.179 | 3.262 | 3.264 | 3.346 | 2.211 | 3.361 | 48.16 | 53.10 | 53.27 | 56.92 | 49.94 | 56.30 | 29.618 | 0.389 |
| 6/3/2025 6:40 | 3.103 | 3.207 | 3.203 | 3.349 | 2.159 | 3.358 | 48.16 | 52.93 | 53.10 | 56.92 | 49.93 | 56.29 | 29.677 | 0.385 |
| 6/3/2025 6:50 | 3.008 | 3.122 | 3.118 | 3.357 | 2.060 | 3.362 | 48.16 | 52.75 | 52.93 | 56.92 | 49.92 | 56.28 | 29.750 | 0.382 |
| 6/3/2025 7:00 | 2.820 | 2.982 | 2.987 | 3.335 | 1.935 | 3.355 | 48.16 | 52.93 | 52.75 | 56.92 | 49.78 | 56.27 | 29.952 | 0.379 |
| 6/3/2025 7:10 | 2.627 | 2.787 | 2.797 | 3.336 | 1.736 | 3.349 | 48.16 | 52.93 | 52.75 | 56.92 | 49.70 | 56.25 | 29.863 | 0.377 |
| 6/3/2025 7:20 | 2.438 | 2.621 | 2.635 | 3.322 | 1.584 | 3.343 | 48.34 | 52.93 | 52.75 | 56.75 | 49.82 | 56.24 | 29.884 | 0.375 |
| 6/3/2025 7:30 | 2.304 | 2.464 | 2.476 | 3.326 | 1.426 | 3.346 | 48.52 | 53.10 | 53.10 | 56.75 | 49.88 | 56.23 | 29.861 | 0.374 |
| 6/3/2025 7:40 | 2.134 | 2.310 | 2.337 | 3.329 | 1.252 | 3.350 | 48.70 | 53.10 | 53.27 | 56.75 | 49.91 | 56.22 | 29.869 | 0.373 |
| 6/3/2025 7:50 | 1.966 | 2.161 | 2.185 | 3.325 | 1.092 | 3.347 | 49.05 | 53.10 | 53.62 | 56.75 | 49.93 | 56.20 | 29.825 | 0.372 |
| 6/3/2025 8:00 | 1.827 | 2.037 | 2.068 | 3.327 | 0.957 | 3.347 | 49.23 | 53.27 | 53.80 | 56.75 | 49.99 | 56.19 | 29.817 | 0.372 |
| 6/3/2025 8:10 | 1.691 | 1.927 | 1.961 | 3.321 | 0.828 | 3.347 | 49.40 | 53.27 | 54.15 | 56.75 | 50.06 | 56.18 | 29.824 | 0.372 |
| 6/3/2025 8:20 | 1.572 | 1.860 | 1.884 | 3.327 | 0.721 | 3.345 | 49.58 | 53.27 | 54.50 | 56.75 | 50.16 | 56.17 | 29.830 | 0.371 |
| 6/3/2025 8:30 | 1.470 | 1.803 | 1.848 | 3.330 | 0.631 | 3.342 | 49.94 | 53.45 | 54.84 | 56.75 | 50.30 | 56.17 | 29.858 | 0.371 |
| 6/3/2025 8:40 | 1.374 | 1.781 | 1.836 | 3.328 | 0.544 | 3.355 | 50.29 | 53.45 | 55.19 | 56.75 | 50.46 | 56.16 | 29.901 | 0.371 |
| 6/3/2025 8:50 | 1.296 | 1.761 | 1.827 | 3.327 | 0.485 | 3.343 | 50.64 | 53.45 | 55.54 | 56.58 | 50.71 | 56.15 | 29.973 | 0.371 |
| 6/3/2025 9:00 | 1.209 | 1.753 | 1.816 | 3.326 | 0.444 | 3.341 | 51.00 | 53.62 | 55.88 | 56.58 | 51.03 | 56.15 | 30.049 | 0.371 |
| 6/3/2025 9:10 | 1.149 | 1.746 | 1.814 | 3.330 | 0.415 | 3.360 | 51.52 | 53.62 | 56.23 | 56.58 | 51.32 | 56.15 | 30.069 | 0.372 |
| 6/3/2025 9:20 | 1.087 | 1.743 | 1.805 | 3.331 | 0.389 | 3.350 | 51.87 | 53.62 | 56.75 | 56.58 | 51.59 | 56.15 | 30.084 | 0.373 |
| 6/3/2025 9:30 | 1.016 | 1.741 | 1.793 | 3.329 | 0.362 | 3.343 | 52.23 | 53.80 | 57.10 | 56.58 | 51.83 | 56.14 | 30.069 | 0.374 |
| 6/3/2025 9:40 | 0.971 | 1.741 | 1.792 | 3.325 | 0.365 | 3.338 | 52.75 | 53.80 | 57.61 | 56.58 | 52.06 | 56.14 | 30.040 | 0.376 |
| 6/3/2025 9:50 | 0.915 | 1.732 | 1.781 | 3.323 | 0.363 | 3.342 | 53.10 | 53.97 | 57.96 | 56.58 | 52.29 | 56.14 | 30.009 | 0.378 |
| 6/3/2025 10:00 | 0.878 | 1.740 | 1.780 | 3.328 | 0.362 | 3.337 | 53.62 | 53.97 | 58.48 | 56.58 | 52.54 | 56.14 | 29.968 | 0.380 |
| 6/3/2025 10:10 | 0.827 | 1.735 | 1.772 | 3.330 | 0.353 | 3.335 | 53.97 | 54.15 | 58.82 | 56.58 | 52.80 | 56.14 | 29.951 | 0.384 |
| 6/3/2025 10:20 | 0.796 | 1.731 | 1.767 | 3.333 | 0.362 | 3.335 | 54.32 | 54.15 | 59.34 | 56.40 | 53.09 | 56.14 | 29.946 | 0.386 |
| 6/3/2025 10:30 | 0.773 | 1.739 | 1.769 | 3.328 | 0.367 | 3.336 | 54.67 | 54.32 | 59.85 | 56.40 | 53.41 | 56.15 | 29.908 | 0.388 |
| 6/3/2025 10:40 | 0.737 | 1.732 | 1.767 | 3.328 | 0.362 | 3.341 | 55.36 | 54.50 | 60.37 | 56.40 | 53.73 | 56.15 | 29.829 | 0.388 |
| 6/3/2025 10:50 | 0.706 | 1.738 | 1.772 | 3.331 | 0.365 | 3.337 | 55.88 | 54.67 | 60.88 | 56.40 | 54.04 | 56.15 | 29.783 | 0.387 |
| 6/3/2025 11:00 | 0.680 | 1.735 | 1.771 | 3.332 | 0.370 | 3.341 | 56.23 | 54.67 | 61.40 | 56.40 | 54.37 | 56.16 | 29.729 | 0.387 |
| 6/3/2025 11:10 | 0.650 | 1.732 | 1.762 | 3.328 | 0.361 | 3.336 | 56.40 | 54.84 | 61.91 | 56.40 | 54.73 | 56.16 | 29.662 | 0.386 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/3/2025 11:20 | 0.632 | 1.736 | 1.768 | 3.332 | 0.358 | 3.335 | 56.92 | 55.02 | 62.43 | 56.40 | 55.10 | 56.16 | 29.583 | 0.386 |
| 6/3/2025 11:30 | 0.602 | 1.724 | 1.755 | 3.320 | 0.356 | 3.329 | 57.44 | 55.19 | 62.94 | 56.40 | 55.45 | 56.17 | 29.467 | 0.386 |
| 6/3/2025 11:40 | 0.585 | 1.726 | 1.758 | 3.333 | 0.363 | 3.338 | 57.96 | 55.36 | 63.46 | 56.40 | 55.77 | 56.18 | 29.362 | 0.385 |
| 6/3/2025 11:50 | 0.560 | 1.723 | 1.760 | 3.322 | 0.363 | 3.334 | 58.30 | 55.54 | 63.80 | 56.40 | 56.09 | 56.18 | 29.139 | 0.385 |
| 6/3/2025 12:00 | 0.546 | 1.724 | 1.744 | 3.322 | 0.344 | 3.331 | 58.65 | 55.71 | 64.31 | 56.40 | 56.43 | 56.19 | 29.059 | 0.385 |
| 6/3/2025 12:10 | 0.526 | 1.715 | 1.744 | 3.317 | 0.355 | 3.331 | 58.99 | 55.88 | 64.65 | 56.40 | 56.82 | 56.21 | 28.929 | 0.385 |
| 6/3/2025 12:20 | 0.524 | 1.716 | 1.750 | 3.324 | 0.363 | 3.333 | 59.51 | 56.23 | 65.17 | 56.40 | 57.19 | 56.22 | 28.804 | 0.385 |
| 6/3/2025 12:30 | 0.500 | 1.722 | 1.754 | 3.335 | 0.361 | 3.343 | 59.85 | 56.40 | 65.51 | 56.40 | 57.58 | 56.23 | 28.634 | 0.385 |
| 6/3/2025 12:40 | 0.483 | 1.721 | 1.750 | 3.328 | 0.361 | 3.333 | 60.20 | 56.58 | 65.85 | 56.23 | 57.96 | 56.25 | 28.500 | 0.385 |
| 6/3/2025 12:50 | 0.475 | 1.711 | 1.742 | 3.323 | 0.357 | 3.328 | 60.54 | 56.75 | 66.19 | 56.40 | 58.37 | 56.27 | 28.384 | 0.385 |
| 6/3/2025 13:00 | 0.468 | 1.708 | 1.751 | 3.323 | 0.352 | 3.327 | 60.71 | 57.10 | 66.54 | 56.40 | 58.80 | 56.28 | 28.282 | 0.385 |
| 6/3/2025 13:10 | 0.454 | 1.710 | 1.753 | 3.320 | 0.361 | 3.335 | 61.05 | 57.27 | 66.88 | 56.40 | 59.14 | 56.29 | 28.121 | 0.385 |
| 6/3/2025 13:20 | 0.437 | 1.703 | 1.739 | 3.317 | 0.355 | 3.322 | 61.40 | 57.44 | 67.05 | 56.40 | 59.48 | 56.31 | 27.973 | 0.385 |
| 6/3/2025 13:30 | 0.445 | 1.706 | 1.750 | 3.323 | 0.356 | 3.333 | 61.91 | 57.79 | 67.22 | 56.40 | 59.85 | 56.33 | 27.840 | 0.385 |
| 6/3/2025 13:40 | 0.440 | 1.712 | 1.746 | 3.325 | 0.364 | 3.340 | 62.08 | 57.96 | 67.56 | 56.40 | 60.28 | 56.35 | 27.813 | 0.385 |
| 6/3/2025 13:50 | 0.438 | 1.706 | 1.744 | 3.321 | 0.370 | 3.338 | 62.43 | 58.30 | 67.74 | 56.40 | 60.67 | 56.37 | 27.686 | 0.385 |
| 6/3/2025 14:00 | 0.439 | 1.711 | 1.750 | 3.330 | 0.366 | 3.345 | 62.60 | 58.48 | 68.08 | 56.40 | 61.02 | 56.40 | 27.499 | 0.389 |
| 6/3/2025 14:10 | 0.420 | 1.716 | 1.758 | 3.338 | 0.369 | 3.346 | 62.77 | 58.82 | 68.25 | 56.40 | 61.36 | 56.40 | 27.297 | 0.389 |
| 6/3/2025 14:20 | 0.418 | 1.710 | 1.753 | 3.331 | 0.360 | 3.338 | 63.11 | 58.99 | 68.42 | 56.40 | 61.71 | 56.42 | 26.969 | 0.389 |
| 6/3/2025 14:30 | 0.404 | 1.699 | 1.744 | 3.324 | 0.359 | 3.336 | 63.28 | 59.16 | 68.59 | 56.40 | 62.04 | 56.43 | 26.459 | 0.389 |
| 6/3/2025 14:40 | 0.405 | 1.707 | 1.751 | 3.327 | 0.365 | 3.335 | 63.80 | 59.34 | 68.59 | 56.40 | 62.41 | 56.45 | 26.078 | 0.389 |
| 6/3/2025 14:50 | 0.396 | 1.704 | 1.747 | 3.320 | 0.362 | 3.334 | 63.63 | 59.68 | 68.59 | 56.58 | 62.66 | 56.47 | 25.710 | 0.389 |
| 6/3/2025 15:00 | 0.396 | 1.703 | 1.749 | 3.331 | 0.353 | 3.335 | 63.80 | 59.85 | 68.59 | 56.58 | 62.93 | 56.48 | 24.962 | 0.389 |
| 6/3/2025 15:10 | 0.395 | 1.705 | 1.747 | 3.328 | 0.356 | 3.337 | 64.14 | 60.02 | 68.59 | 56.58 | 63.25 | 56.50 | 24.737 | 0.388 |
| 6/3/2025 15:20 | 0.382 | 1.688 | 1.741 | 3.315 | 0.349 | 3.335 | 64.14 | 60.20 | 68.59 | 56.58 | 63.56 | 56.52 | 24.035 | 0.388 |
| 6/3/2025 15:30 | 0.392 | 1.703 | 1.751 | 3.321 | 0.364 | 3.346 | 64.14 | 60.54 | 68.59 | 56.58 | 63.76 | 56.55 | 23.488 | 0.387 |
| 6/3/2025 15:40 | 0.395 | 1.703 | 1.746 | 3.329 | 0.361 | 3.334 | 63.97 | 60.71 | 68.42 | 56.75 | 63.92 | 56.57 | 23.157 | 0.387 |
| 6/3/2025 15:50 | 0.393 | 1.713 | 1.741 | 3.316 | 0.358 | 3.327 | 63.97 | 60.88 | 68.42 | 56.75 | 64.15 | 56.58 | 22.426 | 0.387 |
| 6/3/2025 16:00 | 0.531 | 1.702 | 1.755 | 3.328 | 0.365 | 3.334 | 63.97 | 61.05 | 68.25 | 56.75 | 64.33 | 56.61 | 21.574 | 0.386 |
| 6/3/2025 16:10 | 0.660 | 1.712 | 1.755 | 3.330 | 0.373 | 3.344 | 64.14 | 61.23 | 67.91 | 56.75 | 64.45 | 56.62 | 21.268 | 0.386 |
| 6/3/2025 16:20 | 0.806 | 1.705 | 1.754 | 3.334 | 0.365 | 3.341 | 64.31 | 61.40 | 67.74 | 56.92 | 64.56 | 56.64 | 20.874 | 0.386 |
| 6/3/2025 16:30 | 0.945 | 1.700 | 1.745 | 3.321 | 0.362 | 3.338 | 64.65 | 61.40 | 67.56 | 56.92 | 64.61 | 56.65 | 20.850 | 0.386 |
| 6/3/2025 16:40 | 1.138 | 1.711 | 1.761 | 3.336 | 0.382 | 3.344 | 65.00 | 61.57 | 67.22 | 56.92 | 64.67 | 56.67 | 20.723 | 0.385 |
| 6/3/2025 16:50 | 1.349 | 1.706 | 1.751 | 3.322 | 0.421 | 3.345 | 65.00 | 61.74 | 67.05 | 56.92 | 64.69 | 56.68 | 20.426 | 0.385 |
| 6/3/2025 17:00 | 1.647 | 1.719 | 1.767 | 3.341 | 0.578 | 3.358 | 62.94 | 61.74 | 66.71 | 57.10 | 64.70 | 56.70 | 19.977 | 0.385 |
| 6/3/2025 17:10 | 1.873 | 1.739 | 1.764 | 3.333 | 0.751 | 3.344 | 59.51 | 61.91 | 66.19 | 57.10 | 64.09 | 56.71 | 22.590 | 0.385 |
| 6/3/2025 17:20 | 2.141 | 1.869 | 1.884 | 3.329 | 0.881 | 3.332 | 58.30 | 61.91 | 65.85 | 57.10 | 62.30 | 56.72 | 25.462 | 0.385 |
| 6/3/2025 17:30 | 2.398 | 2.007 | 2.031 | 3.329 | 1.037 | 3.349 | 57.27 | 62.08 | 65.51 | 57.27 | 61.19 | 56.74 | 26.659 | 0.384 |
| 6/3/2025 17:40 | 2.563 | 2.155 | 2.179 | 3.332 | 1.179 | 3.355 | 56.58 | 62.08 | 65.34 | 57.27 | 60.26 | 56.76 | 27.220 | 0.383 |
| 6/3/2025 17:50 | 2.760 | 2.281 | 2.309 | 3.320 | 1.308 | 3.346 | 55.71 | 62.08 | 65.34 | 57.27 | 59.35 | 56.77 | 27.847 | 0.383 |
| 6/3/2025 18:00 | 2.917 | 2.412 | 2.453 | 3.328 | 1.437 | 3.342 | 55.19 | 62.08 | 65.34 | 57.27 | 58.88 | 56.79 | 28.057 | 0.382 |
| 6/3/2025 18:10 | 3.002 | 2.542 | 2.568 | 3.336 | 1.563 | 3.355 | 54.84 | 62.25 | 65.17 | 57.44 | 58.47 | 56.81 | 28.311 | 0.382 |
| 6/3/2025 18:20 | 3.124 | 2.657 | 2.678 | 3.328 | 1.673 | 3.343 | 54.67 | 62.25 | 65.34 | 57.44 | 58.01 | 56.82 | 28.526 | 0.382 |
| 6/3/2025 18:30 | 3.096 | 2.754 | 2.774 | 3.325 | 1.764 | 3.336 | 54.50 | 62.08 | 65.34 | 57.44 | 57.50 | 56.84 | 28.511 | 0.382 |
| 6/3/2025 18:40 | 3.063 | 2.849 | 2.866 | 3.337 | 1.857 | 3.353 | 54.32 | 61.91 | 65.51 | 57.61 | 57.19 | 56.86 | 28.502 | 0.382 |
| 6/3/2025 18:50 | 2.988 | 2.913 | 2.921 | 3.330 | 1.925 | 3.346 | 54.32 | 61.57 | 65.68 | 57.61 | 56.94 | 56.88 | 28.450 | 0.381 |
| 6/3/2025 19:00 | 2.943 | 2.976 | 2.979 | 3.340 | 1.953 | 3.353 | 54.15 | 61.40 | 65.68 | 57.61 | 56.67 | 56.90 | 28.447 | 0.381 |
| 6/3/2025 19:10 | 2.869 | 2.973 | 3.001 | 3.333 | 1.963 | 3.350 | 54.32 | 61.23 | 65.51 | 57.61 | 56.45 | 56.93 | 28.429 | 0.381 |
| 6/3/2025 19:20 | 2.798 | 2.938 | 2.948 | 3.333 | 1.902 | 3.353 | 54.15 | 60.88 | 65.17 | 57.61 | 56.25 | 56.95 | 28.454 | 0.381 |
| 6/3/2025 19:30 | 2.694 | 2.840 | 2.852 | 3.332 | 1.814 | 3.351 | 54.15 | 60.71 | 64.48 | 57.79 | 56.14 | 56.97 | 28.438 | 0.381 |
| 6/3/2025 19:40 | 2.551 | 2.693 | 2.705 | 3.328 | 1.676 | 3.346 | 54.15 | 60.54 | 63.63 | 57.79 | 56.12 | 56.97 | 28.520 | 0.380 |
| 6/3/2025 19:50 | 2.419 | 2.568 | 2.595 | 3.337 | 1.543 | 3.347 | 54.32 | 60.54 | 63.11 | 57.79 | 56.12 | 56.98 | 28.466 | 0.380 |
| 6/3/2025 20:00 | 2.271 | 2.427 | 2.455 | 3.331 | 1.403 | 3.348 | 54.50 | 60.37 | 62.43 | 57.79 | 56.13 | 56.99 | 28.514 | 0.380 |
| 6/3/2025 20:10 | 2.139 | 2.291 | 2.330 | 3.334 | 1.272 | 3.346 | 54.50 | 60.54 | 61.91 | 57.96 | 56.15 | 57.00 | 28.530 | 0.380 |
| 6/3/2025 20:20 | 1.984 | 2.159 | 2.190 | 3.324 | 1.111 | 3.346 | 54.67 | 60.54 | 61.23 | 57.96 | 56.19 | 57.00 | 28.538 | 0.380 |
| 6/3/2025 20:30 | 1.836 | 2.034 | 2.077 | 3.334 | 0.978 | 3.343 | 54.67 | 60.54 | 60.71 | 57.96 | 56.25 | 57.01 | 28.542 | 0.379 |
| 6/3/2025 20:40 | 1.704 | 1.933 | 1.971 | 3.324 | 0.856 | 3.352 | 54.84 | 60.54 | 60.37 | 57.96 | 56.35 | 57.01 | 28.571 | 0.379 |
| 6/3/2025 20:50 | 1.592 | 1.861 | 1.904 | 3.333 | 0.750 | 3.346 | 55.02 | 60.54 | 59.85 | 57.96 | 56.47 | 57.01 | 28.608 | 0.379 |
| 6/3/2025 21:00 | 1.479 | 1.804 | 1.849 | 3.322 | 0.643 | 3.340 | 55.19 | 60.37 | 59.68 | 57.96 | 56.58 | 57.01 | 28.647 | 0.379 |
| 6/3/2025 21:10 | 1.382 | 1.770 | 1.848 | 3.327 | 0.563 | 3.351 | 55.36 | 60.37 | 59.34 | 57.96 | 56.70 | 57.00 | 28.656 | 0.379 |
| 6/3/2025 21:20 | 1.302 | 1.760 | 1.844 | 3.329 | 0.500 | 3.345 | 55.71 | 60.37 | 58.99 | 58.13 | 56.83 | 57.00 | 28.653 | 0.379 |
| 6/3/2025 21:30 | 1.218 | 1.738 | 1.838 | 3.323 | 0.461 | 3.348 | 56.06 | 60.20 | 58.82 | 58.13 | 56.96 | 57.00 | 28.652 | 0.379 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/3/2025 21:40 | 1.145 | 1.731 | 1.812 | 3.324 | 0.423 | 3.348 | 56.23 | 60.20 | 58.65 | 58.13 | 57.09 | 56.99 | 28.618 | 0.379 |
| 6/3/2025 21:50 | 1.082 | 1.731 | 1.815 | 3.328 | 0.402 | 3.355 | 56.23 | 60.02 | 58.30 | 58.13 | 57.18 | 56.98 | 28.371 | 0.379 |
| 6/3/2025 22:00 | 1.032 | 1.735 | 1.807 | 3.328 | 0.386 | 3.350 | 56.40 | 60.02 | 58.13 | 58.13 | 57.29 | 56.98 | 28.437 | 0.379 |
| 6/3/2025 22:10 | 0.973 | 1.732 | 1.803 | 3.329 | 0.377 | 3.344 | 56.40 | 60.02 | 57.96 | 58.13 | 57.37 | 56.97 | 28.309 | 0.379 |
| 6/3/2025 22:20 | 0.923 | 1.724 | 1.799 | 3.325 | 0.375 | 3.350 | 56.58 | 59.85 | 57.79 | 58.13 | 57.43 | 56.96 | 29.166 | 0.378 |
| 6/3/2025 22:30 | 0.881 | 1.729 | 1.786 | 3.322 | 0.373 | 3.348 | 56.75 | 59.85 | 57.79 | 58.13 | 57.45 | 56.96 | 28.046 | 0.379 |
| 6/3/2025 22:40 | 0.834 | 1.729 | 1.785 | 3.327 | 0.362 | 3.354 | 56.75 | 59.68 | 57.61 | 58.13 | 57.45 | 56.95 | 29.239 | 0.379 |
| 6/3/2025 22:50 | 0.800 | 1.730 | 1.778 | 3.324 | 0.368 | 3.360 | 56.75 | 59.68 | 57.44 | 58.13 | 57.42 | 56.94 | 27.716 | 0.379 |
| 6/3/2025 23:00 | 0.757 | 1.723 | 1.771 | 3.317 | 0.364 | 3.333 | 56.58 | 59.51 | 57.27 | 58.13 | 57.38 | 56.93 | 27.573 | 0.379 |
| 6/3/2025 23:10 | 0.734 | 1.727 | 1.779 | 3.322 | 0.365 | 3.355 | 56.58 | 59.51 | 57.27 | 58.13 | 57.34 | 56.92 | 27.517 | 0.379 |
| 6/3/2025 23:20 | 0.704 | 1.732 | 1.768 | 3.315 | 0.358 | 3.345 | 56.58 | 59.34 | 57.10 | 58.13 | 57.28 | 56.91 | 27.346 | 0.379 |
| 6/3/2025 23:30 | 0.664 | 1.717 | 1.767 | 3.320 | 0.349 | 3.345 | 56.40 | 59.34 | 56.92 | 58.13 | 57.21 | 56.90 | 27.070 | 0.379 |
| 6/3/2025 23:40 | 0.653 | 1.732 | 1.768 | 3.328 | 0.361 | 3.348 | 56.40 | 59.16 | 56.92 | 58.13 | 57.15 | 56.90 | 26.976 | 0.380 |
| 6/3/2025 23:50 | 0.621 | 1.718 | 1.764 | 3.317 | 0.353 | 3.350 | 56.23 | 59.16 | 56.75 | 58.13 | 57.08 | 56.89 | 26.878 | 0.380 |
| 6/4/2025 0:00 | 0.602 | 1.729 | 1.768 | 3.321 | 0.356 | 3.347 | 56.23 | 58.99 | 56.75 | 58.13 | 57.01 | 56.88 | 26.732 | 0.380 |
| 6/4/2025 0:10 | 0.579 | 1.718 | 1.764 | 3.321 | 0.359 | 3.356 | 56.23 | 58.99 | 56.58 | 58.13 | 56.94 | 56.88 | 26.458 | 0.380 |
| 6/4/2025 0:20 | 0.563 | 1.726 | 1.764 | 3.318 | 0.357 | 3.339 | 56.06 | 58.82 | 56.40 | 58.13 | 56.87 | 56.87 | 25.486 | 0.380 |
| 6/4/2025 0:30 | 0.540 | 1.726 | 1.757 | 3.315 | 0.345 | 3.345 | 56.06 | 58.82 | 56.40 | 58.13 | 56.80 | 56.87 | 25.783 | 0.380 |
| 6/4/2025 0:40 | 0.535 | 1.730 | 1.768 | 3.322 | 0.353 | 3.344 | 55.88 | 58.65 | 56.23 | 58.13 | 56.72 | 56.86 | 25.201 | 0.380 |
| 6/4/2025 0:50 | 0.508 | 1.722 | 1.761 | 3.315 | 0.346 | 3.350 | 55.88 | 58.65 | 56.23 | 58.13 | 56.65 | 56.85 | 24.660 | 0.380 |
| 6/4/2025 1:00 | 0.495 | 1.726 | 1.764 | 3.323 | 0.359 | 3.342 | 55.71 | 58.48 | 56.06 | 58.13 | 56.58 | 56.84 | 24.287 | 0.381 |
| 6/4/2025 1:10 | 0.492 | 1.726 | 1.765 | 3.315 | 0.361 | 3.345 | 55.71 | 58.48 | 56.06 | 58.13 | 56.50 | 56.84 | 23.587 | 0.381 |
| 6/4/2025 1:20 | 0.480 | 1.723 | 1.765 | 3.316 | 0.352 | 3.336 | 55.54 | 58.30 | 55.88 | 58.13 | 56.43 | 56.83 | 23.180 | 0.381 |
| 6/4/2025 1:30 | 0.469 | 1.727 | 1.765 | 3.313 | 0.351 | 3.346 | 55.54 | 58.30 | 55.88 | 58.13 | 56.36 | 56.83 | 19.818 | 0.381 |
| 6/4/2025 1:40 | 0.456 | 1.727 | 1.769 | 3.313 | 0.348 | 3.344 | 55.36 | 58.13 | 55.71 | 58.13 | 56.29 | 56.82 | 22.770 | 0.381 |
| 6/4/2025 1:50 | 0.445 | 1.724 | 1.765 | 3.313 | 0.348 | 3.347 | 55.36 | 58.13 | 55.71 | 58.13 | 56.23 | 56.82 | 21.966 | 0.381 |
| 6/4/2025 2:00 | 0.441 | 1.728 | 1.770 | 3.318 | 0.349 | 3.345 | 55.19 | 57.96 | 55.71 | 58.13 | 56.15 | 56.81 | 21.680 | 0.381 |
| 6/4/2025 2:10 | 0.437 | 1.728 | 1.773 | 3.322 | 0.356 | 3.341 | 55.19 | 57.96 | 55.54 | 58.13 | 56.08 | 56.81 | 21.093 | 0.381 |
| 6/4/2025 2:20 | 0.428 | 1.736 | 1.770 | 3.326 | 0.356 | 3.358 | 55.02 | 57.96 | 55.54 | 58.13 | 56.01 | 56.80 | 21.276 | 0.381 |
| 6/4/2025 2:30 | 0.428 | 1.731 | 1.769 | 3.317 | 0.354 | 3.344 | 55.02 | 57.79 | 55.36 | 57.96 | 55.94 | 56.79 | 21.084 | 0.381 |
| 6/4/2025 2:40 | 0.420 | 1.736 | 1.766 | 3.329 | 0.362 | 3.348 | 54.84 | 57.79 | 55.36 | 57.96 | 55.86 | 56.78 | 20.900 | 0.381 |
| 6/4/2025 2:50 | 0.413 | 1.728 | 1.766 | 3.318 | 0.356 | 3.353 | 54.84 | 57.61 | 55.19 | 57.96 | 55.79 | 56.77 | 20.666 | 0.381 |
| 6/4/2025 3:00 | 0.405 | 1.729 | 1.766 | 3.315 | 0.358 | 3.344 | 54.67 | 57.61 | 55.19 | 57.96 | 55.72 | 56.76 | 20.732 | 0.380 |
| 6/4/2025 3:10 | 0.406 | 1.729 | 1.755 | 3.319 | 0.357 | 3.349 | 54.67 | 57.61 | 55.19 | 57.96 | 55.64 | 56.74 | 20.815 | 0.380 |
| 6/4/2025 3:20 | 0.398 | 1.726 | 1.766 | 3.320 | 0.351 | 3.355 | 54.50 | 57.44 | 55.02 | 57.96 | 55.57 | 56.73 | 20.752 | 0.380 |
| 6/4/2025 3:30 | 0.398 | 1.726 | 1.763 | 3.320 | 0.360 | 3.349 | 54.50 | 57.44 | 55.02 | 57.96 | 55.51 | 56.71 | 20.761 | 0.380 |
| 6/4/2025 3:40 | 0.394 | 1.722 | 1.759 | 3.317 | 0.339 | 3.349 | 54.32 | 57.27 | 54.84 | 57.96 | 55.44 | 56.70 | 20.728 | 0.379 |
| 6/4/2025 3:50 | 0.395 | 1.730 | 1.763 | 3.321 | 0.355 | 3.351 | 54.32 | 57.27 | 54.84 | 57.96 | 55.37 | 56.68 | 20.704 | 0.379 |
| 6/4/2025 4:00 | 0.391 | 1.735 | 1.775 | 3.329 | 0.358 | 3.356 | 54.32 | 57.27 | 54.84 | 57.79 | 55.31 | 56.67 | 20.717 | 0.378 |
| 6/4/2025 4:10 | 0.395 | 1.731 | 1.770 | 3.317 | 0.351 | 3.344 | 54.15 | 57.10 | 54.67 | 57.79 | 55.24 | 56.65 | 20.689 | 0.378 |
| 6/4/2025 4:20 | 0.473 | 1.723 | 1.767 | 3.317 | 0.351 | 3.338 | 54.15 | 57.10 | 54.67 | 57.79 | 55.18 | 56.64 | 20.618 | 0.377 |
| 6/4/2025 4:30 | 0.600 | 1.719 | 1.759 | 3.317 | 0.350 | 3.344 | 54.15 | 56.92 | 54.67 | 57.79 | 55.12 | 56.62 | 20.597 | 0.376 |
| 6/4/2025 4:40 | 0.746 | 1.726 | 1.774 | 3.317 | 0.357 | 3.356 | 54.15 | 56.92 | 54.50 | 57.79 | 55.06 | 56.61 | 19.362 | 0.375 |
| 6/4/2025 4:50 | 0.916 | 1.731 | 1.759 | 3.322 | 0.353 | 3.350 | 54.15 | 56.92 | 54.50 | 57.79 | 55.00 | 56.59 | 20.528 | 0.374 |
| 6/4/2025 5:00 | 1.053 | 1.730 | 1.770 | 3.329 | 0.354 | 3.351 | 53.97 | 56.75 | 54.50 | 57.79 | 54.94 | 56.57 | 20.504 | 0.373 |
| 6/4/2025 5:10 | 1.246 | 1.727 | 1.762 | 3.318 | 0.357 | 3.339 | 53.97 | 56.75 | 54.32 | 57.79 | 54.88 | 56.56 | 20.505 | 0.372 |
| 6/4/2025 5:20 | 1.461 | 1.723 | 1.758 | 3.318 | 0.433 | 3.338 | 53.10 | 56.75 | 54.32 | 57.61 | 54.83 | 56.54 | 20.479 | 0.371 |
| 6/4/2025 5:30 | 1.676 | 1.723 | 1.758 | 3.318 | 0.602 | 3.344 | 51.52 | 56.75 | 54.32 | 57.61 | 54.76 | 56.52 | 20.437 | 0.370 |
| 6/4/2025 5:40 | 1.957 | 1.787 | 1.761 | 3.320 | 0.781 | 3.343 | 51.17 | 56.58 | 54.32 | 57.61 | 52.87 | 56.50 | 25.120 | 0.369 |
| 6/4/2025 5:50 | 2.121 | 1.908 | 1.912 | 3.315 | 0.900 | 3.340 | 51.00 | 56.58 | 54.15 | 57.61 | 52.51 | 56.49 | 26.741 | 0.369 |
| 6/4/2025 6:00 | 2.328 | 2.036 | 2.045 | 3.321 | 1.053 | 3.339 | 51.00 | 56.58 | 54.15 | 57.61 | 53.14 | 56.45 | 27.742 | 0.369 |
| 6/4/2025 6:10 | 2.587 | 2.176 | 2.186 | 3.323 | 1.190 | 3.342 | 51.00 | 56.40 | 54.15 | 57.61 | 52.66 | 56.44 | 27.917 | 0.367 |
| 6/4/2025 6:20 | 2.720 | 2.305 | 2.316 | 3.322 | 1.317 | 3.341 | 51.17 | 56.40 | 54.15 | 57.61 | 52.35 | 56.43 | 28.138 | 0.367 |
| 6/4/2025 6:30 | 2.819 | 2.423 | 2.427 | 3.316 | 1.425 | 3.326 | 51.17 | 56.40 | 53.97 | 57.44 | 52.21 | 56.41 | 28.462 | 0.367 |
| 6/4/2025 6:40 | 2.872 | 2.542 | 2.550 | 3.318 | 1.534 | 3.335 | 51.35 | 56.06 | 54.15 | 57.44 | 52.16 | 56.40 | 28.652 | 0.367 |
| 6/4/2025 6:50 | 2.944 | 2.650 | 2.649 | 3.311 | 1.635 | 3.345 | 51.35 | 55.71 | 53.97 | 57.44 | 52.08 | 56.38 | 28.802 | 0.367 |
| 6/4/2025 7:00 | 2.812 | 2.731 | 2.719 | 3.305 | 1.722 | 3.325 | 51.35 | 55.19 | 53.97 | 57.44 | 52.06 | 56.36 | 28.804 | 0.367 |
| 6/4/2025 7:10 | 2.839 | 2.799 | 2.792 | 3.316 | 1.778 | 3.338 | 51.35 | 54.84 | 53.97 | 57.44 | 52.07 | 56.35 | 28.831 | 0.367 |
| 6/4/2025 7:20 | 2.771 | 2.824 | 2.819 | 3.315 | 1.784 | 3.335 | 51.52 | 54.67 | 53.97 | 57.44 | 52.09 | 56.32 | 28.841 | 0.367 |
| 6/4/2025 7:30 | 2.641 | 2.778 | 2.765 | 3.311 | 1.753 | 3.330 | 51.52 | 54.67 | 53.97 | 57.44 | 52.11 | 56.31 | 28.867 | 0.367 |
| 6/4/2025 7:40 | 2.566 | 2.690 | 2.692 | 3.307 | 1.654 | 3.340 | 51.52 | 54.67 | 54.15 | 57.44 | 52.16 | 56.30 | 28.906 | 0.367 |
| 6/4/2025 7:50 | 2.437 | 2.557 | 2.567 | 3.315 | 1.553 | 3.345 | 51.52 | 54.67 | 54.32 | 57.27 | 52.17 | 56.29 | 28.908 | 0.367 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/4/2025 8:00 | 2.294 | 2.448 | 2.460 | 3.314 | 1.412 | 3.336 | 51.70 | 54.67 | 54.50 | 57.27 | 52.20 | 56.28 | 28.907 | 0.367 |
| 6/4/2025 8:10 | 2.171 | 2.330 | 2.344 | 3.325 | 1.287 | 3.338 | 51.70 | 54.84 | 54.67 | 57.27 | 52.23 | 56.28 | 28.884 | 0.367 |
| 6/4/2025 8:20 | 2.030 | 2.208 | 2.230 | 3.314 | 1.167 | 3.341 | 51.70 | 54.84 | 55.02 | 57.27 | 52.28 | 56.27 | 28.910 | 0.367 |
| 6/4/2025 8:30 | 1.883 | 2.083 | 2.101 | 3.305 | 1.021 | 3.335 | 51.87 | 54.84 | 55.36 | 57.27 | 52.31 | 56.27 | 28.882 | 0.366 |
| 6/4/2025 8:40 | 1.747 | 1.966 | 1.997 | 3.306 | 0.888 | 3.328 | 52.05 | 55.02 | 55.54 | 57.27 | 52.35 | 56.27 | 28.894 | 0.366 |
| 6/4/2025 8:50 | 1.634 | 1.879 | 1.912 | 3.319 | 0.785 | 3.334 | 52.23 | 55.02 | 55.88 | 57.27 | 52.42 | 56.27 | 28.936 | 0.366 |
| 6/4/2025 9:00 | 1.526 | 1.819 | 1.848 | 3.316 | 0.676 | 3.331 | 52.40 | 55.02 | 56.23 | 57.27 | 52.50 | 56.27 | 28.910 | 0.365 |
| 6/4/2025 9:10 | 1.421 | 1.779 | 1.833 | 3.321 | 0.586 | 3.339 | 52.58 | 55.19 | 56.58 | 57.10 | 52.58 | 56.27 | 28.955 | 0.365 |
| 6/4/2025 9:20 | 1.319 | 1.750 | 1.810 | 3.315 | 0.501 | 3.327 | 53.10 | 55.19 | 56.75 | 57.10 | 52.71 | 56.27 | 28.999 | 0.365 |
| 6/4/2025 9:30 | 1.242 | 1.737 | 1.817 | 3.317 | 0.453 | 3.333 | 53.27 | 55.19 | 57.10 | 57.10 | 52.87 | 56.27 | 29.024 | 0.365 |
| 6/4/2025 9:40 | 1.168 | 1.726 | 1.808 | 3.313 | 0.411 | 3.331 | 53.45 | 55.36 | 57.44 | 57.10 | 53.04 | 56.28 | 29.057 | 0.365 |
| 6/4/2025 9:50 | 1.096 | 1.727 | 1.793 | 3.315 | 0.388 | 3.336 | 53.80 | 55.36 | 57.79 | 57.10 | 53.24 | 56.28 | 29.093 | 0.364 |
| 6/4/2025 10:00 | 1.028 | 1.712 | 1.787 | 3.304 | 0.369 | 3.328 | 54.15 | 55.36 | 58.13 | 57.10 | 53.46 | 56.28 | 29.114 | 0.364 |
| 6/4/2025 10:10 | 0.973 | 1.715 | 1.784 | 3.310 | 0.356 | 3.328 | 54.50 | 55.54 | 58.65 | 57.10 | 53.71 | 56.29 | 29.097 | 0.364 |
| 6/4/2025 10:20 | 0.922 | 1.722 | 1.774 | 3.317 | 0.358 | 3.327 | 54.84 | 55.54 | 58.99 | 57.10 | 53.98 | 56.29 | 29.116 | 0.365 |
| 6/4/2025 10:30 | 0.871 | 1.714 | 1.767 | 3.316 | 0.355 | 3.329 | 55.36 | 55.71 | 59.34 | 57.10 | 54.24 | 56.30 | 29.104 | 0.365 |
| 6/4/2025 10:40 | 0.832 | 1.713 | 1.764 | 3.314 | 0.351 | 3.329 | 55.71 | 55.71 | 59.68 | 56.92 | 54.52 | 56.30 | 29.094 | 0.365 |
| 6/4/2025 10:50 | 0.785 | 1.708 | 1.753 | 3.309 | 0.345 | 3.324 | 56.23 | 55.88 | 60.20 | 56.92 | 54.83 | 56.31 | 29.028 | 0.365 |
| 6/4/2025 11:00 | 0.742 | 1.707 | 1.747 | 3.300 | 0.337 | 3.324 | 56.58 | 55.88 | 60.54 | 56.92 | 55.11 | 56.32 | 28.965 | 0.365 |
| 6/4/2025 11:10 | 0.710 | 1.710 | 1.744 | 3.314 | 0.341 | 3.321 | 56.92 | 56.06 | 61.05 | 56.92 | 55.40 | 56.33 | 28.899 | 0.365 |
| 6/4/2025 11:20 | 0.680 | 1.706 | 1.735 | 3.306 | 0.345 | 3.312 | 57.27 | 56.23 | 61.57 | 56.92 | 55.69 | 56.35 | 28.803 | 0.365 |
| 6/4/2025 11:30 | 0.654 | 1.703 | 1.745 | 3.315 | 0.343 | 3.324 | 57.61 | 56.23 | 61.91 | 56.92 | 55.96 | 56.36 | 28.678 | 0.366 |
| 6/4/2025 11:40 | 0.627 | 1.706 | 1.742 | 3.310 | 0.342 | 3.316 | 57.96 | 56.40 | 62.25 | 56.92 | 56.23 | 56.37 | 28.588 | 0.365 |
| 6/4/2025 11:50 | 0.605 | 1.708 | 1.745 | 3.310 | 0.349 | 3.319 | 58.30 | 56.58 | 62.77 | 56.92 | 56.52 | 56.39 | 28.487 | 0.365 |
| 6/4/2025 12:00 | 0.578 | 1.692 | 1.750 | 3.310 | 0.347 | 3.319 | 58.48 | 56.75 | 63.11 | 56.92 | 56.81 | 56.41 | 28.335 | 0.365 |
| 6/4/2025 12:10 | 0.559 | 1.700 | 1.748 | 3.314 | 0.344 | 3.320 | 58.82 | 56.92 | 63.46 | 56.92 | 57.08 | 56.43 | 28.233 | 0.366 |
| 6/4/2025 12:20 | 0.533 | 1.693 | 1.736 | 3.306 | 0.339 | 3.314 | 59.16 | 56.92 | 63.97 | 56.92 | 57.37 | 56.44 | 28.115 | 0.366 |
| 6/4/2025 12:30 | 0.523 | 1.702 | 1.735 | 3.307 | 0.349 | 3.317 | 59.51 | 57.27 | 64.31 | 56.92 | 57.67 | 56.47 | 28.070 | 0.366 |
| 6/4/2025 12:40 | 0.503 | 1.705 | 1.750 | 3.317 | 0.354 | 3.336 | 59.85 | 57.44 | 64.65 | 56.92 | 57.99 | 56.48 | 27.977 | 0.366 |
| 6/4/2025 12:50 | 0.490 | 1.695 | 1.737 | 3.306 | 0.348 | 3.323 | 60.37 | 57.61 | 65.00 | 56.92 | 58.29 | 56.50 | 27.906 | 0.365 |
| 6/4/2025 13:00 | 0.476 | 1.703 | 1.735 | 3.314 | 0.353 | 3.323 | 60.71 | 57.79 | 65.17 | 56.92 | 58.61 | 56.51 | 27.859 | 0.365 |
| 6/4/2025 13:10 | 0.455 | 1.700 | 1.734 | 3.304 | 0.346 | 3.324 | 61.05 | 57.79 | 65.51 | 56.92 | 58.94 | 56.54 | 27.786 | 0.365 |
| 6/4/2025 13:20 | 0.455 | 1.697 | 1.731 | 3.303 | 0.351 | 3.322 | 61.40 | 58.13 | 65.85 | 56.92 | 59.24 | 56.55 | 27.706 | 0.365 |
| 6/4/2025 13:30 | 0.450 | 1.699 | 1.738 | 3.317 | 0.356 | 3.328 | 61.57 | 58.30 | 66.02 | 56.92 | 59.55 | 56.57 | 27.580 | 0.365 |
| 6/4/2025 13:40 | 0.430 | 1.703 | 1.742 | 3.316 | 0.349 | 3.338 | 61.74 | 58.48 | 66.19 | 56.92 | 59.87 | 56.59 | 27.422 | 0.365 |
| 6/4/2025 13:50 | 0.417 | 1.698 | 1.730 | 3.302 | 0.348 | 3.324 | 61.91 | 58.65 | 66.37 | 56.92 | 60.17 | 56.61 | 27.234 | 0.365 |
| 6/4/2025 14:00 | 0.408 | 1.700 | 1.737 | 3.309 | 0.349 | 3.332 | 62.08 | 58.82 | 66.54 | 56.92 | 60.45 | 56.62 | 27.053 | 0.365 |
| 6/4/2025 14:10 | 0.412 | 1.703 | 1.744 | 3.315 | 0.355 | 3.334 | 62.25 | 58.99 | 66.71 | 56.92 | 60.71 | 56.64 | 26.845 | 0.365 |
| 6/4/2025 14:20 | 0.394 | 1.690 | 1.735 | 3.305 | 0.349 | 3.327 | 62.25 | 59.16 | 66.71 | 56.92 | 60.97 | 56.65 | 26.694 | 0.365 |
| 6/4/2025 14:30 | 0.395 | 1.690 | 1.735 | 3.310 | 0.348 | 3.329 | 62.60 | 59.34 | 66.88 | 57.10 | 61.23 | 56.66 | 26.349 | 0.365 |
| 6/4/2025 14:40 | 0.379 | 1.690 | 1.728 | 3.305 | 0.346 | 3.326 | 62.77 | 59.51 | 66.88 | 57.10 | 61.46 | 56.68 | 26.097 | 0.365 |
| 6/4/2025 14:50 | 0.373 | 1.684 | 1.725 | 3.298 | 0.342 | 3.323 | 63.11 | 59.68 | 67.05 | 57.10 | 61.71 | 56.69 | 25.927 | 0.365 |
| 6/4/2025 15:00 | 0.374 | 1.696 | 1.737 | 3.307 | 0.354 | 3.323 | 63.28 | 59.85 | 67.05 | 57.10 | 61.94 | 56.70 | 25.649 | 0.365 |
| 6/4/2025 15:10 | 0.379 | 1.697 | 1.742 | 3.311 | 0.358 | 3.332 | 63.46 | 60.02 | 67.22 | 57.10 | 62.16 | 56.71 | 25.343 | 0.365 |
| 6/4/2025 15:20 | 0.362 | 1.692 | 1.730 | 3.309 | 0.350 | 3.328 | 63.46 | 60.20 | 67.22 | 57.10 | 62.38 | 56.72 | 25.105 | 0.364 |
| 6/4/2025 15:30 | 0.364 | 1.698 | 1.735 | 3.314 | 0.356 | 3.334 | 63.80 | 60.37 | 67.22 | 57.10 | 62.60 | 56.74 | 24.873 | 0.364 |
| 6/4/2025 15:40 | 0.362 | 1.696 | 1.734 | 3.309 | 0.356 | 3.325 | 63.80 | 60.54 | 67.22 | 57.27 | 62.80 | 56.75 | 24.757 | 0.364 |
| 6/4/2025 15:50 | 0.358 | 1.697 | 1.741 | 3.313 | 0.357 | 3.325 | 63.80 | 60.71 | 67.22 | 57.27 | 62.98 | 56.76 | 24.594 | 0.364 |
| 6/4/2025 16:00 | 0.356 | 1.698 | 1.738 | 3.314 | 0.358 | 3.327 | 63.97 | 60.71 | 67.22 | 57.27 | 63.18 | 56.77 | 24.352 | 0.363 |
| 6/4/2025 16:10 | 0.356 | 1.702 | 1.738 | 3.318 | 0.357 | 3.329 | 63.97 | 60.88 | 67.05 | 57.27 | 63.32 | 56.78 | 24.300 | 0.363 |
| 6/4/2025 16:20 | 0.372 | 1.699 | 1.749 | 3.318 | 0.359 | 3.337 | 63.97 | 61.05 | 67.05 | 57.27 | 63.44 | 56.80 | 23.993 | 0.362 |
| 6/4/2025 16:30 | 0.354 | 1.697 | 1.735 | 3.313 | 0.350 | 3.324 | 64.14 | 61.23 | 66.88 | 57.44 | 63.55 | 56.81 | 23.764 | 0.362 |
| 6/4/2025 16:40 | 0.355 | 1.695 | 1.732 | 3.311 | 0.350 | 3.332 | 63.97 | 61.23 | 66.71 | 57.44 | 63.63 | 56.82 | 23.674 | 0.361 |
| 6/4/2025 16:50 | 0.428 | 1.700 | 1.740 | 3.315 | 0.359 | 3.329 | 64.14 | 61.40 | 66.54 | 57.44 | 63.75 | 56.83 | 23.499 | 0.361 |
| 6/4/2025 17:00 | 0.546 | 1.696 | 1.735 | 3.307 | 0.352 | 3.325 | 64.14 | 61.40 | 66.37 | 57.44 | 63.81 | 56.85 | 23.296 | 0.360 |
| 6/4/2025 17:10 | 0.719 | 1.692 | 1.742 | 3.315 | 0.363 | 3.330 | 64.31 | 61.57 | 66.19 | 57.61 | 63.84 | 56.88 | 23.229 | 0.359 |
| 6/4/2025 17:20 | 0.886 | 1.696 | 1.744 | 3.315 | 0.358 | 3.322 | 64.48 | 61.57 | 66.02 | 57.61 | 63.86 | 56.90 | 23.157 | 0.359 |
| 6/4/2025 17:30 | 1.068 | 1.689 | 1.737 | 3.311 | 0.359 | 3.323 | 64.65 | 61.74 | 65.85 | 57.61 | 63.88 | 56.91 | 23.045 | 0.359 |
| 6/4/2025 17:40 | 1.228 | 1.691 | 1.735 | 3.310 | 0.384 | 3.322 | 64.65 | 61.74 | 65.68 | 57.61 | 63.90 | 56.94 | 22.944 | 0.359 |
| 6/4/2025 17:50 | 1.498 | 1.696 | 1.732 | 3.310 | 0.482 | 3.328 | 63.97 | 61.91 | 65.68 | 57.61 | 63.90 | 56.95 | 22.767 | 0.358 |
| 6/4/2025 18:00 | 1.784 | 1.701 | 1.736 | 3.308 | 0.670 | 3.327 | 62.08 | 61.91 | 65.51 | 57.79 | 63.90 | 56.97 | 22.706 | 0.358 |
| 6/4/2025 18:10 | 2.061 | 1.800 | 1.745 | 3.304 | 0.829 | 3.316 | 60.54 | 61.91 | 65.17 | 57.79 | 63.02 | 57.00 | 24.772 | 0.358 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/4/2025 18:20 | 2.302 | 1.949 | 1.960 | 3.303 | 0.972 | 3.323 | 60.02 | 61.91 | 65.17 | 57.79 | 62.01 | 57.01 | 26.003 | 0.358 |
| 6/4/2025 18:30 | 2.535 | 2.097 | 2.112 | 3.325 | 1.133 | 3.338 | 59.34 | 62.08 | 65.00 | 57.79 | 61.21 | 57.02 | 26.918 | 0.358 |
| 6/4/2025 18:40 | 2.753 | 2.231 | 2.239 | 3.310 | 1.253 | 3.325 | 58.48 | 62.08 | 65.00 | 57.96 | 60.59 | 57.03 | 27.466 | 0.357 |
| 6/4/2025 18:50 | 2.858 | 2.369 | 2.385 | 3.310 | 1.397 | 3.317 | 58.13 | 62.08 | 65.00 | 57.96 | 60.25 | 57.05 | 27.773 | 0.357 |
| 6/4/2025 19:00 | 3.012 | 2.501 | 2.519 | 3.315 | 1.528 | 3.342 | 57.96 | 62.08 | 65.00 | 57.96 | 59.82 | 57.07 | 27.942 | 0.357 |
| 6/4/2025 19:10 | 3.109 | 2.627 | 2.628 | 3.322 | 1.638 | 3.342 | 57.79 | 62.25 | 65.00 | 57.96 | 59.41 | 57.08 | 27.977 | 0.357 |
| 6/4/2025 19:20 | 3.077 | 2.725 | 2.728 | 3.314 | 1.735 | 3.330 | 57.79 | 62.08 | 65.00 | 58.13 | 59.15 | 57.09 | 27.943 | 0.357 |
| 6/4/2025 19:30 | 3.051 | 2.812 | 2.827 | 3.313 | 1.831 | 3.329 | 57.61 | 62.08 | 65.17 | 58.13 | 58.96 | 57.11 | 27.964 | 0.356 |
| 6/4/2025 19:40 | 3.133 | 2.891 | 2.881 | 3.304 | 1.894 | 3.315 | 57.61 | 61.91 | 65.34 | 58.13 | 58.81 | 57.12 | 27.597 | 0.356 |
| 6/4/2025 19:50 | 3.047 | 2.961 | 2.956 | 3.324 | 1.961 | 3.337 | 57.61 | 61.74 | 65.51 | 58.13 | 58.69 | 57.14 | 27.982 | 0.356 |
| 6/4/2025 20:00 | 2.939 | 2.978 | 2.992 | 3.315 | 1.996 | 3.335 | 57.61 | 61.57 | 65.51 | 58.13 | 58.59 | 57.14 | 27.983 | 0.356 |
| 6/4/2025 20:10 | 2.806 | 2.942 | 2.957 | 3.318 | 1.938 | 3.329 | 57.44 | 61.40 | 65.51 | 58.30 | 58.48 | 57.15 | 27.980 | 0.356 |
| 6/4/2025 20:20 | 2.711 | 2.836 | 2.840 | 3.301 | 1.831 | 3.323 | 57.61 | 61.40 | 65.00 | 58.30 | 58.41 | 57.15 | 27.991 | 0.356 |
| 6/4/2025 20:30 | 2.577 | 2.718 | 2.736 | 3.313 | 1.710 | 3.342 | 57.61 | 61.23 | 64.31 | 58.30 | 58.39 | 57.15 | 28.022 | 0.356 |
| 6/4/2025 20:40 | 2.452 | 2.585 | 2.600 | 3.315 | 1.565 | 3.330 | 57.61 | 61.23 | 63.80 | 58.30 | 58.38 | 57.15 | 28.015 | 0.356 |
| 6/4/2025 20:50 | 2.295 | 2.475 | 2.496 | 3.324 | 1.466 | 3.341 | 57.61 | 61.23 | 63.28 | 58.30 | 58.39 | 57.16 | 28.043 | 0.356 |
| 6/4/2025 21:00 | 2.186 | 2.342 | 2.355 | 3.313 | 1.320 | 3.330 | 57.61 | 61.23 | 62.60 | 58.30 | 58.40 | 57.16 | 26.842 | 0.356 |
| 6/4/2025 21:10 | 2.015 | 2.194 | 2.223 | 3.312 | 1.170 | 3.331 | 57.79 | 61.23 | 62.08 | 58.48 | 58.41 | 57.16 | 28.051 | 0.356 |
| 6/4/2025 21:20 | 1.877 | 2.068 | 2.102 | 3.309 | 1.033 | 3.326 | 57.61 | 61.23 | 61.57 | 58.48 | 58.43 | 57.16 | 28.061 | 0.356 |
| 6/4/2025 21:30 | 1.740 | 1.955 | 1.983 | 3.307 | 0.897 | 3.325 | 57.61 | 61.23 | 61.05 | 58.48 | 58.49 | 57.16 | 28.075 | 0.355 |
| 6/4/2025 21:40 | 1.622 | 1.874 | 1.902 | 3.310 | 0.783 | 3.335 | 57.79 | 61.23 | 60.88 | 58.48 | 58.56 | 57.15 | 28.113 | 0.355 |
| 6/4/2025 21:50 | 1.497 | 1.805 | 1.842 | 3.303 | 0.684 | 3.327 | 57.79 | 61.05 | 60.54 | 58.48 | 58.64 | 57.15 | 28.117 | 0.355 |
| 6/4/2025 22:00 | 1.407 | 1.767 | 1.827 | 3.303 | 0.583 | 3.329 | 57.96 | 61.05 | 60.37 | 58.48 | 58.72 | 57.15 | 28.120 | 0.355 |
| 6/4/2025 22:10 | 1.321 | 1.748 | 1.827 | 3.304 | 0.521 | 3.334 | 58.13 | 61.05 | 60.20 | 58.48 | 58.78 | 57.15 | 28.054 | 0.355 |
| 6/4/2025 22:20 | 1.237 | 1.734 | 1.821 | 3.306 | 0.469 | 3.333 | 58.30 | 60.88 | 60.02 | 58.48 | 58.86 | 57.14 | 28.123 | 0.355 |
| 6/4/2025 22:30 | 1.161 | 1.729 | 1.804 | 3.300 | 0.424 | 3.328 | 58.48 | 60.88 | 59.85 | 58.48 | 58.92 | 57.14 | 28.132 | 0.355 |
| 6/4/2025 22:40 | 1.095 | 1.730 | 1.806 | 3.314 | 0.399 | 3.346 | 58.48 | 60.88 | 59.85 | 58.65 | 58.96 | 57.14 | 28.107 | 0.355 |
| 6/4/2025 22:50 | 1.041 | 1.715 | 1.791 | 3.307 | 0.389 | 3.335 | 58.48 | 60.71 | 59.68 | 58.65 | 58.97 | 57.13 | 28.083 | 0.355 |
| 6/4/2025 23:00 | 0.983 | 1.717 | 1.789 | 3.309 | 0.382 | 3.343 | 58.48 | 60.71 | 59.51 | 58.65 | 58.98 | 57.13 | 28.023 | 0.355 |
| 6/4/2025 23:10 | 0.926 | 1.714 | 1.772 | 3.306 | 0.368 | 3.337 | 58.65 | 60.54 | 59.51 | 58.65 | 58.97 | 57.12 | 28.017 | 0.355 |
| 6/4/2025 23:20 | 0.880 | 1.719 | 1.768 | 3.303 | 0.369 | 3.341 | 58.65 | 60.54 | 59.34 | 58.65 | 58.97 | 57.12 | 27.938 | 0.355 |
| 6/4/2025 23:30 | 0.833 | 1.719 | 1.772 | 3.307 | 0.363 | 3.341 | 58.65 | 60.54 | 59.16 | 58.65 | 58.96 | 57.11 | 27.804 | 0.355 |
| 6/4/2025 23:40 | 0.797 | 1.723 | 1.765 | 3.307 | 0.359 | 3.342 | 58.48 | 60.37 | 59.16 | 58.65 | 58.93 | 57.11 | 27.698 | 0.355 |
| 6/4/2025 23:50 | 0.754 | 1.715 | 1.761 | 3.308 | 0.355 | 3.339 | 58.48 | 60.37 | 58.99 | 58.65 | 58.88 | 57.10 | 27.560 | 0.355 |
| 6/5/2025 0:00 | 0.720 | 1.716 | 1.762 | 3.301 | 0.359 | 3.331 | 58.48 | 60.37 | 58.99 | 58.65 | 58.83 | 57.10 | 27.117 | 0.356 |
| 6/5/2025 0:10 | 0.692 | 1.720 | 1.751 | 3.309 | 0.360 | 3.333 | 58.48 | 60.20 | 58.82 | 58.65 | 58.78 | 57.10 | 26.590 | 0.357 |
| 6/5/2025 0:20 | 0.664 | 1.721 | 1.751 | 3.306 | 0.358 | 3.340 | 58.30 | 60.20 | 58.82 | 58.65 | 58.73 | 57.09 | 26.876 | 0.358 |
| 6/5/2025 0:30 | 0.641 | 1.724 | 1.758 | 3.310 | 0.366 | 3.339 | 58.30 | 60.02 | 58.65 | 58.65 | 58.67 | 57.09 | 26.622 | 0.359 |
| 6/5/2025 0:40 | 0.610 | 1.714 | 1.752 | 3.304 | 0.355 | 3.337 | 58.13 | 60.02 | 58.65 | 58.65 | 58.60 | 57.08 | 26.310 | 0.360 |
| 6/5/2025 0:50 | 0.587 | 1.719 | 1.760 | 3.308 | 0.362 | 3.329 | 58.13 | 60.02 | 58.48 | 58.65 | 58.54 | 57.08 | 25.896 | 0.360 |
| 6/5/2025 1:00 | 0.575 | 1.726 | 1.760 | 3.304 | 0.357 | 3.333 | 57.96 | 59.85 | 58.48 | 58.65 | 58.48 | 57.07 | 25.427 | 0.360 |
| 6/5/2025 1:10 | 0.547 | 1.722 | 1.756 | 3.308 | 0.354 | 3.337 | 57.96 | 59.85 | 58.48 | 58.65 | 58.41 | 57.07 | 25.038 | 0.361 |
| 6/5/2025 1:20 | 0.534 | 1.722 | 1.749 | 3.304 | 0.358 | 3.341 | 57.79 | 59.68 | 58.30 | 58.65 | 58.35 | 57.07 | 24.641 | 0.361 |
| 6/5/2025 1:30 | 0.515 | 1.715 | 1.757 | 3.305 | 0.353 | 3.333 | 57.79 | 59.68 | 58.30 | 58.65 | 58.29 | 57.06 | 24.199 | 0.362 |
| 6/5/2025 1:40 | 0.495 | 1.719 | 1.752 | 3.308 | 0.345 | 3.333 | 57.61 | 59.68 | 58.13 | 58.65 | 58.22 | 57.06 | 23.789 | 0.362 |
| 6/5/2025 1:50 | 0.487 | 1.722 | 1.749 | 3.308 | 0.361 | 3.335 | 57.61 | 59.51 | 58.13 | 58.65 | 58.17 | 57.05 | 23.208 | 0.363 |
| 6/5/2025 2:00 | 0.478 | 1.722 | 1.756 | 3.304 | 0.353 | 3.333 | 57.61 | 59.51 | 58.13 | 58.65 | 58.11 | 57.05 | 22.721 | 0.363 |
| 6/5/2025 2:10 | 0.469 | 1.729 | 1.767 | 3.315 | 0.364 | 3.350 | 57.44 | 59.51 | 57.96 | 58.65 | 58.04 | 57.05 | 22.235 | 0.364 |
| 6/5/2025 2:20 | 0.451 | 1.722 | 1.753 | 3.309 | 0.347 | 3.330 | 57.44 | 59.34 | 57.96 | 58.65 | 57.98 | 57.04 | 21.795 | 0.364 |
| 6/5/2025 2:30 | 0.442 | 1.718 | 1.753 | 3.305 | 0.362 | 3.337 | 57.27 | 59.34 | 57.96 | 58.65 | 57.92 | 57.04 | 21.473 | 0.364 |
| 6/5/2025 2:40 | 0.434 | 1.726 | 1.757 | 3.309 | 0.346 | 3.338 | 57.27 | 59.34 | 57.96 | 58.65 | 57.86 | 57.03 | 21.073 | 0.365 |
| 6/5/2025 2:50 | 0.425 | 1.725 | 1.760 | 3.305 | 0.356 | 3.340 | 57.10 | 59.16 | 57.79 | 58.65 | 57.81 | 57.03 | 20.814 | 0.365 |
| 6/5/2025 3:00 | 0.415 | 1.719 | 1.753 | 3.305 | 0.355 | 3.336 | 57.10 | 59.16 | 57.79 | 58.48 | 57.76 | 57.03 | 20.575 | 0.366 |
| 6/5/2025 3:10 | 0.410 | 1.719 | 1.750 | 3.301 | 0.350 | 3.337 | 56.92 | 59.16 | 57.79 | 58.48 | 57.70 | 57.02 | 20.418 | 0.366 |
| 6/5/2025 3:20 | 0.402 | 1.718 | 1.753 | 3.301 | 0.359 | 3.335 | 56.92 | 58.99 | 57.61 | 58.48 | 57.65 | 57.02 | 20.271 | 0.366 |
| 6/5/2025 3:30 | 0.394 | 1.718 | 1.761 | 3.305 | 0.354 | 3.326 | 56.75 | 58.99 | 57.61 | 58.48 | 57.59 | 57.02 | 20.012 | 0.367 |
| 6/5/2025 3:40 | 0.394 | 1.718 | 1.753 | 3.301 | 0.353 | 3.341 | 56.75 | 58.99 | 57.61 | 58.48 | 57.53 | 57.01 | 19.906 | 0.367 |
| 6/5/2025 3:50 | 0.385 | 1.714 | 1.750 | 3.305 | 0.353 | 3.338 | 56.58 | 58.82 | 57.61 | 58.48 | 57.48 | 57.01 | 19.791 | 0.368 |
| 6/5/2025 4:00 | 0.393 | 1.722 | 1.757 | 3.305 | 0.357 | 3.342 | 56.58 | 58.82 | 57.61 | 58.48 | 57.43 | 57.01 | 19.646 | 0.368 |
| 6/5/2025 4:10 | 0.381 | 1.726 | 1.757 | 3.310 | 0.356 | 3.342 | 56.40 | 58.82 | 57.44 | 58.48 | 57.37 | 57.01 | 19.549 | 0.369 |
| 6/5/2025 4:20 | 0.370 | 1.715 | 1.754 | 3.307 | 0.352 | 3.329 | 56.40 | 58.65 | 57.44 | 58.48 | 57.32 | 57.00 | 19.561 | 0.369 |
| 6/5/2025 4:30 | 0.367 | 1.712 | 1.754 | 3.307 | 0.346 | 3.331 | 56.40 | 58.65 | 57.44 | 58.48 | 57.26 | 57.00 | 19.560 | 0.369 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/5/2025 4:40 | 0.370 | 1.723 | 1.761 | 3.311 | 0.350 | 3.336 | 56.23 | 58.65 | 57.44 | 58.48 | 57.21 | 57.00 | 19.606 | 0.369 |
| 6/5/2025 4:50 | 0.370 | 1.723 | 1.761 | 3.311 | 0.360 | 3.343 | 56.23 | 58.65 | 57.27 | 58.48 | 57.16 | 57.00 | 19.557 | 0.369 |
| 6/5/2025 5:00 | 0.362 | 1.715 | 1.765 | 3.303 | 0.352 | 3.332 | 56.23 | 58.48 | 57.27 | 58.48 | 57.11 | 57.00 | 19.627 | 0.369 |
| 6/5/2025 5:10 | 0.370 | 1.723 | 1.768 | 3.311 | 0.352 | 3.341 | 56.06 | 58.48 | 57.27 | 58.48 | 57.06 | 56.99 | 19.645 | 0.369 |
| 6/5/2025 5:20 | 0.449 | 1.716 | 1.761 | 3.307 | 0.348 | 3.338 | 56.06 | 58.48 | 57.27 | 58.30 | 57.02 | 56.99 | 19.663 | 0.369 |
| 6/5/2025 5:30 | 0.610 | 1.711 | 1.760 | 3.302 | 0.340 | 3.324 | 56.06 | 58.48 | 57.10 | 58.30 | 56.96 | 56.99 | 19.666 | 0.369 |
| 6/5/2025 5:40 | 0.727 | 1.718 | 1.755 | 3.305 | 0.352 | 3.333 | 56.06 | 58.30 | 57.10 | 58.30 | 56.93 | 56.98 | 19.634 | 0.369 |
| 6/5/2025 5:50 | 0.869 | 1.717 | 1.758 | 3.305 | 0.348 | 3.341 | 56.06 | 58.30 | 57.10 | 58.30 | 56.89 | 56.98 | 19.679 | 0.369 |
| 6/5/2025 6:00 | 1.002 | 1.708 | 1.760 | 3.304 | 0.349 | 3.337 | 56.06 | 58.30 | 57.10 | 58.30 | 56.85 | 56.98 | 19.652 | 0.369 |
| 6/5/2025 6:10 | 1.213 | 1.706 | 1.751 | 3.298 | 0.352 | 3.328 | 56.06 | 58.30 | 57.10 | 58.30 | 56.81 | 56.98 | 19.173 | 0.369 |
| 6/5/2025 6:20 | 1.454 | 1.715 | 1.749 | 3.307 | 0.435 | 3.339 | 55.71 | 58.13 | 57.10 | 58.30 | 56.79 | 56.98 | 20.508 | 0.369 |
| 6/5/2025 6:30 | 1.662 | 1.716 | 1.753 | 3.304 | 0.590 | 3.328 | 55.36 | 58.13 | 57.10 | 58.30 | 56.75 | 56.97 | 19.694 | 0.369 |
| 6/5/2025 6:40 | 1.888 | 1.775 | 1.751 | 3.306 | 0.776 | 3.341 | 55.19 | 58.13 | 57.10 | 58.30 | 56.14 | 56.97 | 23.923 | 0.369 |
| 6/5/2025 6:50 | 2.152 | 1.893 | 1.906 | 3.297 | 0.902 | 3.325 | 55.36 | 58.13 | 57.10 | 58.30 | 55.90 | 56.97 | 25.853 | 0.369 |
| 6/5/2025 7:00 | 2.360 | 2.033 | 2.042 | 3.302 | 1.044 | 3.331 | 55.36 | 58.13 | 57.27 | 58.13 | 55.83 | 56.97 | 26.690 | 0.369 |
| 6/5/2025 7:10 | 2.508 | 2.154 | 2.168 | 3.297 | 1.170 | 3.328 | 55.19 | 57.96 | 57.27 | 58.13 | 55.90 | 56.97 | 27.161 | 0.369 |
| 6/5/2025 7:20 | 2.679 | 2.285 | 2.296 | 3.290 | 1.299 | 3.322 | 55.19 | 57.96 | 57.27 | 58.13 | 55.78 | 56.96 | 27.491 | 0.370 |
| 6/5/2025 7:30 | 2.780 | 2.407 | 2.412 | 3.297 | 1.405 | 3.317 | 55.19 | 57.96 | 57.27 | 58.13 | 55.69 | 56.96 | 27.564 | 0.370 |
| 6/5/2025 7:40 | 2.816 | 2.514 | 2.518 | 3.297 | 1.516 | 3.322 | 55.19 | 57.96 | 57.44 | 58.13 | 55.62 | 56.96 | 27.693 | 0.370 |
| 6/5/2025 7:50 | 2.805 | 2.602 | 2.602 | 3.283 | 1.600 | 3.314 | 55.19 | 57.79 | 57.44 | 58.13 | 55.57 | 56.95 | 27.803 | 0.370 |
| 6/5/2025 8:00 | 2.745 | 2.690 | 2.693 | 3.289 | 1.681 | 3.315 | 55.19 | 57.61 | 57.44 | 58.13 | 55.54 | 56.95 | 27.876 | 0.370 |
| 6/5/2025 8:10 | 2.697 | 2.746 | 2.747 | 3.292 | 1.739 | 3.310 | 55.19 | 57.44 | 57.61 | 58.13 | 55.53 | 56.95 | 27.927 | 0.370 |
| 6/5/2025 8:20 | 2.637 | 2.744 | 2.749 | 3.287 | 1.708 | 3.308 | 55.36 | 57.27 | 57.79 | 58.13 | 55.55 | 56.95 | 27.993 | 0.370 |
| 6/5/2025 8:30 | 2.596 | 2.688 | 2.690 | 3.289 | 1.663 | 3.303 | 55.54 | 57.44 | 57.96 | 58.13 | 55.56 | 56.95 | 28.069 | 0.370 |
| 6/5/2025 8:40 | 2.468 | 2.599 | 2.592 | 3.288 | 1.580 | 3.303 | 55.54 | 57.44 | 58.48 | 58.13 | 55.58 | 56.94 | 28.168 | 0.369 |
| 6/5/2025 8:50 | 2.340 | 2.486 | 2.508 | 3.288 | 1.472 | 3.307 | 55.71 | 57.44 | 58.82 | 57.96 | 55.60 | 56.94 | 28.231 | 0.369 |
| 6/5/2025 9:00 | 2.228 | 2.388 | 2.384 | 3.298 | 1.355 | 3.316 | 55.71 | 57.44 | 59.16 | 57.96 | 55.62 | 56.94 | 28.232 | 0.370 |
| 6/5/2025 9:10 | 2.112 | 2.276 | 2.275 | 3.305 | 1.243 | 3.322 | 55.71 | 57.44 | 59.51 | 57.96 | 55.63 | 56.94 | 28.209 | 0.370 |
| 6/5/2025 9:20 | 1.979 | 2.153 | 2.163 | 3.297 | 1.115 | 3.320 | 55.88 | 57.44 | 59.85 | 57.96 | 55.65 | 56.95 | 28.256 | 0.370 |
| 6/5/2025 9:30 | 1.840 | 2.040 | 2.053 | 3.291 | 0.988 | 3.308 | 56.06 | 57.44 | 60.20 | 57.96 | 55.68 | 56.95 | 28.235 | 0.370 |
| 6/5/2025 9:40 | 1.727 | 1.938 | 1.958 | 3.300 | 0.878 | 3.321 | 56.23 | 57.44 | 60.71 | 57.96 | 55.72 | 56.95 | 28.264 | 0.370 |
| 6/5/2025 9:50 | 1.601 | 1.857 | 1.886 | 3.288 | 0.754 | 3.315 | 56.58 | 57.61 | 61.23 | 57.96 | 55.82 | 56.95 | 28.282 | 0.370 |
| 6/5/2025 10:00 | 1.487 | 1.799 | 1.829 | 3.298 | 0.666 | 3.312 | 56.92 | 57.61 | 61.74 | 57.96 | 55.92 | 56.96 | 28.317 | 0.369 |
| 6/5/2025 10:10 | 1.385 | 1.755 | 1.797 | 3.293 | 0.578 | 3.319 | 57.27 | 57.61 | 62.25 | 57.96 | 56.08 | 56.96 | 28.313 | 0.370 |
| 6/5/2025 10:20 | 1.300 | 1.734 | 1.805 | 3.295 | 0.505 | 3.317 | 57.61 | 57.79 | 62.77 | 57.96 | 56.30 | 56.97 | 28.367 | 0.370 |
| 6/5/2025 10:30 | 1.209 | 1.717 | 1.790 | 3.288 | 0.443 | 3.302 | 57.96 | 57.79 | 63.28 | 57.96 | 56.59 | 56.97 | 28.415 | 0.370 |
| 6/5/2025 10:40 | 1.151 | 1.713 | 1.785 | 3.292 | 0.408 | 3.318 | 58.30 | 57.96 | 63.80 | 57.96 | 56.90 | 56.98 | 28.487 | 0.370 |
| 6/5/2025 10:50 | 1.063 | 1.708 | 1.779 | 3.291 | 0.383 | 3.305 | 58.48 | 58.13 | 64.31 | 57.96 | 57.23 | 56.99 | 28.516 | 0.370 |
| 6/5/2025 11:00 | 1.003 | 1.706 | 1.771 | 3.288 | 0.366 | 3.310 | 58.99 | 58.30 | 64.83 | 57.79 | 57.59 | 57.00 | 28.573 | 0.370 |
| 6/5/2025 11:10 | 0.949 | 1.705 | 1.762 | 3.298 | 0.359 | 3.313 | 59.51 | 58.30 | 65.34 | 57.79 | 57.98 | 57.01 | 28.514 | 0.370 |
| 6/5/2025 11:20 | 0.898 | 1.697 | 1.752 | 3.289 | 0.353 | 3.306 | 59.85 | 58.48 | 65.85 | 57.79 | 58.33 | 57.02 | 28.537 | 0.370 |
| 6/5/2025 11:30 | 0.844 | 1.698 | 1.751 | 3.289 | 0.347 | 3.310 | 60.20 | 58.65 | 66.37 | 57.79 | 58.68 | 57.04 | 28.538 | 0.370 |
| 6/5/2025 11:40 | 0.801 | 1.700 | 1.748 | 3.296 | 0.349 | 3.311 | 60.71 | 58.82 | 66.71 | 57.79 | 59.05 | 57.05 | 28.566 | 0.369 |
| 6/5/2025 11:50 | 0.765 | 1.702 | 1.744 | 3.297 | 0.348 | 3.319 | 61.23 | 58.99 | 67.22 | 57.79 | 59.42 | 57.06 | 28.557 | 0.368 |
| 6/5/2025 12:00 | 0.724 | 1.699 | 1.739 | 3.297 | 0.352 | 3.317 | 61.74 | 59.16 | 67.74 | 57.79 | 59.80 | 57.08 | 28.508 | 0.367 |
| 6/5/2025 12:10 | 0.698 | 1.707 | 1.745 | 3.301 | 0.350 | 3.321 | 62.25 | 59.34 | 68.08 | 57.79 | 60.20 | 57.09 | 28.430 | 0.366 |
| 6/5/2025 12:20 | 0.670 | 1.705 | 1.734 | 3.295 | 0.356 | 3.314 | 62.60 | 59.51 | 68.59 | 57.79 | 60.58 | 57.10 | 28.322 | 0.366 |
| 6/5/2025 12:30 | 0.629 | 1.695 | 1.740 | 3.295 | 0.355 | 3.315 | 63.11 | 59.68 | 68.93 | 57.79 | 60.93 | 57.11 | 28.184 | 0.365 |
| 6/5/2025 12:40 | 0.603 | 1.688 | 1.734 | 3.295 | 0.345 | 3.315 | 63.63 | 59.85 | 69.28 | 57.79 | 61.32 | 57.12 | 28.024 | 0.364 |
| 6/5/2025 12:50 | 0.574 | 1.700 | 1.736 | 3.295 | 0.351 | 3.316 | 64.14 | 60.20 | 69.62 | 57.79 | 61.69 | 57.14 | 27.956 | 0.364 |
| 6/5/2025 13:00 | 0.550 | 1.687 | 1.729 | 3.294 | 0.345 | 3.312 | 64.48 | 60.37 | 69.96 | 57.96 | 62.09 | 57.15 | 27.852 | 0.363 |
| 6/5/2025 13:10 | 0.524 | 1.685 | 1.727 | 3.284 | 0.341 | 3.307 | 64.83 | 60.54 | 70.31 | 57.96 | 62.47 | 57.16 | 27.688 | 0.363 |
| 6/5/2025 13:20 | 0.518 | 1.698 | 1.737 | 3.307 | 0.357 | 3.318 | 65.17 | 60.88 | 70.65 | 57.96 | 62.87 | 57.17 | 27.585 | 0.363 |
| 6/5/2025 13:30 | 0.504 | 1.702 | 1.739 | 3.303 | 0.359 | 3.330 | 65.68 | 61.05 | 71.00 | 57.96 | 63.24 | 57.18 | 27.457 | 0.362 |
| 6/5/2025 13:40 | 0.472 | 1.704 | 1.734 | 3.301 | 0.357 | 3.320 | 66.02 | 61.23 | 71.17 | 57.96 | 63.63 | 57.20 | 27.234 | 0.362 |
| 6/5/2025 13:50 | 0.462 | 1.695 | 1.737 | 3.294 | 0.355 | 3.315 | 66.37 | 61.57 | 71.51 | 57.96 | 63.98 | 57.21 | 27.158 | 0.362 |
| 6/5/2025 14:00 | 0.452 | 1.695 | 1.734 | 3.299 | 0.356 | 3.322 | 66.71 | 61.74 | 71.68 | 57.96 | 64.34 | 57.22 | 26.889 | 0.362 |
| 6/5/2025 14:10 | 0.449 | 1.696 | 1.743 | 3.302 | 0.359 | 3.327 | 67.05 | 61.91 | 71.86 | 57.96 | 64.68 | 57.23 | 26.764 | 0.362 |
| 6/5/2025 14:20 | 0.446 | 1.704 | 1.740 | 3.309 | 0.365 | 3.335 | 67.39 | 62.25 | 72.03 | 57.96 | 65.05 | 57.25 | 26.622 | 0.361 |
| 6/5/2025 14:30 | 0.443 | 1.703 | 1.743 | 3.313 | 0.366 | 3.334 | 67.74 | 62.43 | 72.20 | 57.96 | 65.42 | 57.26 | 26.076 | 0.361 |
| 6/5/2025 14:40 | 0.423 | 1.695 | 1.742 | 3.308 | 0.362 | 3.332 | 68.08 | 62.60 | 72.20 | 58.13 | 65.80 | 57.27 | 26.198 | 0.361 |
| 6/5/2025 14:50 | 0.408 | 1.697 | 1.739 | 3.301 | 0.362 | 3.324 | 68.08 | 62.77 | 72.20 | 58.13 | 66.13 | 57.29 | 25.964 | 0.361 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/5/2025 15:00 | 0.391 | 1.695 | 1.741 | 3.306 | 0.357 | 3.326 | 68.42 | 63.11 | 72.37 | 58.13 | 66.41 | 57.30 | 25.764 | 0.361 |
| 6/5/2025 15:10 | 0.384 | 1.695 | 1.741 | 3.302 | 0.358 | 3.320 | 68.59 | 63.28 | 72.37 | 58.13 | 66.72 | 57.32 | 25.560 | 0.360 |
| 6/5/2025 15:20 | 0.369 | 1.684 | 1.734 | 3.295 | 0.347 | 3.317 | 68.93 | 63.46 | 72.37 | 58.30 | 66.98 | 57.34 | 25.331 | 0.360 |
| 6/5/2025 15:30 | 0.372 | 1.678 | 1.736 | 3.297 | 0.350 | 3.319 | 69.11 | 63.63 | 72.37 | 58.30 | 67.22 | 57.36 | 25.053 | 0.359 |
| 6/5/2025 15:40 | 0.361 | 1.687 | 1.733 | 3.301 | 0.352 | 3.317 | 69.28 | 63.80 | 72.37 | 58.30 | 67.49 | 57.37 | 24.974 | 0.359 |
| 6/5/2025 15:50 | 0.365 | 1.685 | 1.734 | 3.302 | 0.353 | 3.323 | 69.28 | 64.14 | 72.37 | 58.30 | 67.71 | 57.38 | 24.826 | 0.359 |
| 6/5/2025 16:00 | 0.364 | 1.692 | 1.743 | 3.305 | 0.359 | 3.333 | 69.28 | 64.31 | 72.20 | 58.30 | 67.92 | 57.41 | 24.669 | 0.359 |
| 6/5/2025 16:10 | 0.349 | 1.700 | 1.736 | 3.305 | 0.362 | 3.328 | 69.45 | 64.31 | 72.20 | 58.48 | 68.05 | 57.42 | 24.363 | 0.358 |
| 6/5/2025 16:20 | 0.354 | 1.694 | 1.736 | 3.302 | 0.364 | 3.326 | 69.45 | 64.48 | 72.03 | 58.48 | 68.23 | 57.43 | 23.991 | 0.358 |
| 6/5/2025 16:30 | 0.357 | 1.697 | 1.738 | 3.297 | 0.362 | 3.332 | 69.62 | 64.65 | 71.86 | 58.48 | 68.37 | 57.44 | 23.543 | 0.358 |
| 6/5/2025 16:40 | 0.354 | 1.694 | 1.732 | 3.303 | 0.367 | 3.328 | 69.62 | 64.83 | 71.86 | 58.65 | 68.52 | 57.45 | 23.361 | 0.358 |
| 6/5/2025 16:50 | 0.345 | 1.686 | 1.730 | 3.298 | 0.360 | 3.318 | 69.62 | 65.00 | 71.68 | 58.65 | 68.57 | 57.46 | 23.222 | 0.357 |
| 6/5/2025 17:00 | 0.349 | 1.691 | 1.738 | 3.302 | 0.364 | 3.333 | 69.62 | 65.17 | 71.51 | 58.65 | 68.66 | 57.47 | 22.423 | 0.357 |
| 6/5/2025 17:10 | 0.355 | 1.690 | 1.743 | 3.305 | 0.367 | 3.330 | 69.62 | 65.34 | 71.34 | 58.82 | 68.72 | 57.48 | 22.762 | 0.357 |
| 6/5/2025 17:20 | 0.362 | 1.693 | 1.749 | 3.309 | 0.374 | 3.339 | 69.45 | 65.34 | 71.17 | 58.82 | 68.75 | 57.48 | 22.179 | 0.357 |
| 6/5/2025 17:30 | 0.448 | 1.694 | 1.745 | 3.305 | 0.363 | 3.340 | 69.28 | 65.51 | 71.00 | 58.82 | 68.79 | 57.49 | 21.914 | 0.357 |
| 6/5/2025 17:40 | 0.569 | 1.692 | 1.742 | 3.304 | 0.362 | 3.338 | 69.28 | 65.51 | 70.65 | 58.99 | 68.84 | 57.50 | 21.714 | 0.357 |
| 6/5/2025 17:50 | 0.735 | 1.697 | 1.757 | 3.308 | 0.370 | 3.344 | 69.28 | 65.68 | 70.48 | 58.99 | 68.82 | 57.50 | 21.564 | 0.357 |
| 6/5/2025 18:00 | 0.888 | 1.692 | 1.751 | 3.307 | 0.369 | 3.331 | 69.45 | 65.68 | 70.31 | 58.99 | 68.80 | 57.50 | 20.704 | 0.357 |
| 6/5/2025 18:10 | 1.081 | 1.695 | 1.752 | 3.309 | 0.374 | 3.336 | 69.62 | 65.68 | 69.96 | 58.99 | 68.79 | 57.50 | 19.898 | 0.357 |
| 6/5/2025 18:20 | 1.338 | 1.702 | 1.759 | 3.314 | 0.413 | 3.344 | 69.62 | 65.68 | 69.79 | 59.16 | 68.72 | 57.51 | 19.990 | 0.357 |
| 6/5/2025 18:30 | 1.588 | 1.697 | 1.752 | 3.305 | 0.546 | 3.345 | 67.74 | 65.68 | 69.45 | 59.16 | 68.63 | 57.52 | 19.669 | 0.357 |
| 6/5/2025 18:40 | 1.881 | 1.728 | 1.754 | 3.309 | 0.725 | 3.343 | 64.14 | 65.85 | 69.11 | 59.16 | 68.04 | 57.52 | 22.242 | 0.357 |
| 6/5/2025 18:50 | 2.173 | 1.832 | 1.764 | 3.310 | 0.865 | 3.333 | 62.94 | 65.85 | 68.93 | 59.34 | 65.90 | 57.53 | 26.090 | 0.357 |
| 6/5/2025 19:00 | 2.514 | 1.967 | 1.995 | 3.307 | 1.013 | 3.330 | 62.08 | 65.85 | 68.76 | 59.34 | 64.76 | 57.53 | 25.688 | 0.358 |
| 6/5/2025 19:10 | 2.768 | 2.119 | 2.149 | 3.310 | 1.152 | 3.332 | 60.71 | 65.85 | 68.42 | 59.34 | 64.06 | 57.54 | 27.222 | 0.358 |
| 6/5/2025 19:20 | 2.932 | 2.265 | 2.294 | 3.310 | 1.301 | 3.336 | 59.51 | 65.85 | 68.25 | 59.51 | 62.98 | 57.55 | 27.736 | 0.358 |
| 6/5/2025 19:30 | 3.188 | 2.405 | 2.424 | 3.313 | 1.438 | 3.330 | 58.65 | 65.85 | 68.25 | 59.51 | 62.04 | 57.55 | 29.160 | 0.358 |
| 6/5/2025 19:40 | 3.266 | 2.545 | 2.568 | 3.311 | 1.575 | 3.341 | 57.96 | 65.85 | 68.08 | 59.51 | 61.24 | 57.55 | 26.564 | 0.358 |
| 6/5/2025 19:50 | 3.342 | 2.674 | 2.683 | 3.309 | 1.683 | 3.337 | 57.61 | 65.85 | 68.08 | 59.51 | 60.60 | 57.56 | 28.667 | 0.358 |
| 6/5/2025 20:00 | 3.406 | 2.786 | 2.795 | 3.316 | 1.804 | 3.339 | 57.27 | 65.51 | 68.08 | 59.68 | 60.10 | 57.56 | 28.856 | 0.358 |
| 6/5/2025 20:10 | 3.408 | 2.887 | 2.894 | 3.311 | 1.891 | 3.335 | 57.10 | 65.00 | 68.25 | 59.68 | 59.73 | 57.56 | 29.040 | 0.358 |
| 6/5/2025 20:20 | 3.377 | 2.979 | 2.975 | 3.320 | 1.977 | 3.342 | 56.92 | 64.48 | 68.25 | 59.68 | 59.41 | 57.57 | 29.255 | 0.359 |
| 6/5/2025 20:30 | 3.413 | 3.059 | 3.056 | 3.317 | 2.049 | 3.346 | 56.92 | 63.97 | 68.25 | 59.68 | 59.14 | 57.57 | 29.381 | 0.359 |
| 6/5/2025 20:40 | 3.364 | 3.121 | 3.114 | 3.317 | 2.118 | 3.336 | 56.75 | 63.46 | 68.25 | 59.85 | 58.88 | 57.57 | 29.445 | 0.358 |
| 6/5/2025 20:50 | 3.249 | 3.180 | 3.171 | 3.316 | 2.168 | 3.341 | 56.75 | 62.94 | 68.08 | 59.85 | 58.69 | 57.57 | 29.547 | 0.359 |
| 6/5/2025 21:00 | 3.248 | 3.212 | 3.215 | 3.323 | 2.201 | 3.337 | 56.75 | 62.43 | 67.56 | 59.85 | 58.55 | 57.58 | 29.583 | 0.358 |
| 6/5/2025 21:10 | 3.092 | 3.186 | 3.187 | 3.325 | 2.163 | 3.342 | 56.58 | 61.74 | 67.22 | 59.85 | 58.46 | 57.58 | 29.648 | 0.358 |
| 6/5/2025 21:20 | 2.994 | 3.107 | 3.105 | 3.322 | 2.076 | 3.345 | 56.58 | 61.91 | 66.88 | 59.85 | 58.23 | 57.58 | 29.699 | 0.358 |
| 6/5/2025 21:30 | 2.850 | 2.979 | 2.982 | 3.317 | 1.978 | 3.334 | 56.58 | 62.08 | 66.71 | 60.02 | 58.14 | 57.58 | 29.681 | 0.358 |
| 6/5/2025 21:40 | 2.648 | 2.833 | 2.849 | 3.320 | 1.813 | 3.341 | 56.58 | 62.43 | 66.54 | 60.02 | 58.13 | 57.59 | 29.679 | 0.358 |
| 6/5/2025 21:50 | 2.522 | 2.669 | 2.688 | 3.313 | 1.625 | 3.346 | 56.58 | 62.43 | 66.37 | 60.02 | 58.13 | 57.59 | 29.679 | 0.358 |
| 6/5/2025 22:00 | 2.345 | 2.508 | 2.524 | 3.309 | 1.465 | 3.344 | 56.75 | 62.60 | 65.68 | 60.02 | 58.18 | 57.59 | 29.681 | 0.358 |
| 6/5/2025 22:10 | 2.166 | 2.341 | 2.369 | 3.306 | 1.307 | 3.329 | 57.10 | 62.77 | 65.17 | 60.02 | 58.26 | 57.59 | 29.672 | 0.357 |
| 6/5/2025 22:20 | 2.017 | 2.187 | 2.216 | 3.302 | 1.152 | 3.329 | 57.44 | 62.77 | 64.48 | 60.02 | 58.35 | 57.59 | 29.699 | 0.357 |
| 6/5/2025 22:30 | 1.876 | 2.063 | 2.093 | 3.309 | 1.009 | 3.341 | 57.27 | 62.77 | 64.14 | 60.20 | 58.47 | 57.59 | 29.712 | 0.357 |
| 6/5/2025 22:40 | 1.735 | 1.950 | 1.983 | 3.306 | 0.891 | 3.340 | 57.27 | 62.94 | 63.80 | 60.20 | 58.63 | 57.59 | 29.739 | 0.357 |
| 6/5/2025 22:50 | 1.614 | 1.865 | 1.901 | 3.302 | 0.769 | 3.334 | 57.44 | 62.94 | 63.46 | 60.20 | 58.83 | 57.59 | 29.755 | 0.357 |
| 6/5/2025 23:00 | 1.508 | 1.808 | 1.856 | 3.298 | 0.674 | 3.339 | 57.61 | 62.94 | 63.28 | 60.20 | 59.04 | 57.59 | 29.767 | 0.357 |
| 6/5/2025 23:10 | 1.406 | 1.772 | 1.836 | 3.302 | 0.576 | 3.333 | 57.96 | 62.94 | 62.94 | 60.20 | 59.27 | 57.59 | 29.795 | 0.357 |
| 6/5/2025 23:20 | 1.313 | 1.738 | 1.828 | 3.298 | 0.504 | 3.332 | 58.30 | 62.94 | 62.77 | 60.20 | 59.51 | 57.59 | 29.775 | 0.357 |
| 6/5/2025 23:30 | 1.235 | 1.734 | 1.821 | 3.298 | 0.463 | 3.339 | 58.65 | 62.77 | 62.77 | 60.20 | 59.77 | 57.58 | 29.757 | 0.357 |
| 6/5/2025 23:40 | 1.160 | 1.717 | 1.803 | 3.292 | 0.423 | 3.326 | 58.99 | 62.77 | 62.60 | 60.20 | 59.97 | 57.59 | 29.630 | 0.357 |
| 6/5/2025 23:50 | 1.100 | 1.724 | 1.803 | 3.304 | 0.408 | 3.337 | 58.99 | 62.77 | 62.43 | 60.20 | 60.14 | 57.59 | 29.507 | 0.357 |
| 6/6/2025 0:00 | 1.034 | 1.717 | 1.795 | 3.304 | 0.386 | 3.337 | 59.16 | 62.77 | 62.25 | 60.20 | 60.25 | 57.60 | 29.333 | 0.357 |
| 6/6/2025 0:10 | 0.975 | 1.720 | 1.787 | 3.304 | 0.383 | 3.348 | 59.34 | 62.77 | 62.25 | 60.20 | 60.33 | 57.59 | 29.071 | 0.359 |
| 6/6/2025 0:20 | 0.926 | 1.717 | 1.772 | 3.300 | 0.371 | 3.341 | 59.51 | 62.60 | 62.08 | 60.20 | 60.40 | 57.59 | 28.951 | 0.359 |
| 6/6/2025 0:30 | 0.884 | 1.705 | 1.765 | 3.293 | 0.360 | 3.336 | 59.68 | 62.60 | 62.08 | 60.20 | 60.46 | 57.59 | 28.039 | 0.361 |
| 6/6/2025 0:40 | 0.836 | 1.717 | 1.765 | 3.297 | 0.366 | 3.339 | 59.68 | 62.60 | 61.91 | 60.20 | 60.48 | 57.59 | 28.706 | 0.362 |
| 6/6/2025 0:50 | 0.797 | 1.708 | 1.757 | 3.296 | 0.357 | 3.336 | 59.85 | 62.43 | 61.91 | 60.20 | 60.50 | 57.58 | 28.584 | 0.362 |
| 6/6/2025 1:00 | 0.762 | 1.713 | 1.753 | 3.305 | 0.364 | 3.337 | 59.85 | 62.43 | 61.74 | 60.20 | 60.51 | 57.58 | 28.457 | 0.362 |
| 6/6/2025 1:10 | 0.735 | 1.713 | 1.761 | 3.305 | 0.358 | 3.343 | 59.85 | 62.43 | 61.74 | 60.20 | 60.50 | 57.58 | 28.249 | 0.362 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/6/2025 1:20 | 0.696 | 1.709 | 1.754 | 3.298 | 0.364 | 3.337 | 59.85 | 62.25 | 61.74 | 60.20 | 60.50 | 57.58 | 28.059 | 0.363 |
| 6/6/2025 1:30 | 0.665 | 1.710 | 1.757 | 3.298 | 0.358 | 3.337 | 59.85 | 62.25 | 61.57 | 60.20 | 60.48 | 57.58 | 27.859 | 0.362 |
| 6/6/2025 1:40 | 0.630 | 1.710 | 1.747 | 3.303 | 0.360 | 3.336 | 59.85 | 62.25 | 61.57 | 60.20 | 60.46 | 57.58 | 27.533 | 0.362 |
| 6/6/2025 1:50 | 0.606 | 1.710 | 1.750 | 3.299 | 0.355 | 3.337 | 59.85 | 62.25 | 61.40 | 60.20 | 60.44 | 57.58 | 27.266 | 0.362 |
| 6/6/2025 2:00 | 0.586 | 1.713 | 1.756 | 3.310 | 0.363 | 3.331 | 59.85 | 62.08 | 61.40 | 60.20 | 60.42 | 57.58 | 26.897 | 0.362 |
| 6/6/2025 2:10 | 0.568 | 1.711 | 1.754 | 3.304 | 0.355 | 3.337 | 59.85 | 62.08 | 61.40 | 60.20 | 60.39 | 57.58 | 26.654 | 0.362 |
| 6/6/2025 2:20 | 0.536 | 1.706 | 1.749 | 3.299 | 0.356 | 3.335 | 59.85 | 62.08 | 61.23 | 60.20 | 60.36 | 57.58 | 26.150 | 0.362 |
| 6/6/2025 2:30 | 0.522 | 1.707 | 1.743 | 3.297 | 0.360 | 3.337 | 59.85 | 61.91 | 61.23 | 60.20 | 60.34 | 57.58 | 25.665 | 0.362 |
| 6/6/2025 2:40 | 0.506 | 1.707 | 1.746 | 3.301 | 0.359 | 3.342 | 59.85 | 61.91 | 61.23 | 60.20 | 60.32 | 57.58 | 25.422 | 0.362 |
| 6/6/2025 2:50 | 0.490 | 1.707 | 1.754 | 3.297 | 0.359 | 3.336 | 59.85 | 61.91 | 61.23 | 60.20 | 60.26 | 57.58 | 24.972 | 0.362 |
| 6/6/2025 3:00 | 0.474 | 1.703 | 1.750 | 3.293 | 0.352 | 3.338 | 59.68 | 61.74 | 61.23 | 60.20 | 60.22 | 57.58 | 24.703 | 0.362 |
| 6/6/2025 3:10 | 0.466 | 1.714 | 1.754 | 3.305 | 0.358 | 3.348 | 59.68 | 61.74 | 61.23 | 60.20 | 60.19 | 57.58 | 24.358 | 0.361 |
| 6/6/2025 3:20 | 0.459 | 1.707 | 1.754 | 3.301 | 0.361 | 3.339 | 59.68 | 61.74 | 61.23 | 60.20 | 60.15 | 57.58 | 24.066 | 0.361 |
| 6/6/2025 3:30 | 0.444 | 1.712 | 1.754 | 3.303 | 0.364 | 3.342 | 59.51 | 61.74 | 61.05 | 60.20 | 60.11 | 57.59 | 23.810 | 0.361 |
| 6/6/2025 3:40 | 0.432 | 1.716 | 1.758 | 3.307 | 0.362 | 3.346 | 59.51 | 61.57 | 61.05 | 60.20 | 60.07 | 57.58 | 23.736 | 0.360 |
| 6/6/2025 3:50 | 0.420 | 1.712 | 1.759 | 3.299 | 0.363 | 3.347 | 59.51 | 61.57 | 61.05 | 60.20 | 60.03 | 57.58 | 23.506 | 0.360 |
| 6/6/2025 4:00 | 0.417 | 1.705 | 1.752 | 3.304 | 0.356 | 3.337 | 59.34 | 61.57 | 61.05 | 60.20 | 60.00 | 57.58 | 23.290 | 0.359 |
| 6/6/2025 4:10 | 0.413 | 1.714 | 1.756 | 3.305 | 0.355 | 3.343 | 59.34 | 61.57 | 61.05 | 60.20 | 59.96 | 57.58 | 23.355 | 0.359 |
| 6/6/2025 4:20 | 0.405 | 1.713 | 1.752 | 3.297 | 0.354 | 3.342 | 59.16 | 61.40 | 60.88 | 60.20 | 59.91 | 57.58 | 23.114 | 0.360 |
| 6/6/2025 4:30 | 0.390 | 1.714 | 1.755 | 3.297 | 0.356 | 3.338 | 59.16 | 61.40 | 60.88 | 60.02 | 59.87 | 57.58 | 22.938 | 0.360 |
| 6/6/2025 4:40 | 0.394 | 1.718 | 1.762 | 3.308 | 0.358 | 3.344 | 59.16 | 61.40 | 60.88 | 60.02 | 59.84 | 57.58 | 22.766 | 0.359 |
| 6/6/2025 4:50 | 0.380 | 1.706 | 1.746 | 3.294 | 0.353 | 3.330 | 59.16 | 61.40 | 60.88 | 60.02 | 59.81 | 57.58 | 22.733 | 0.359 |
| 6/6/2025 5:00 | 0.370 | 1.704 | 1.755 | 3.303 | 0.357 | 3.344 | 59.16 | 61.23 | 60.88 | 60.02 | 59.78 | 57.57 | 22.762 | 0.359 |
| 6/6/2025 5:10 | 0.396 | 1.868 | 1.944 | 3.341 | 0.396 | 3.597 | 59.34 | 61.23 | 61.05 | 60.02 | 59.76 | 57.58 | 21.945 | 0.358 |
| 6/6/2025 5:20 | 0.429 | 1.884 | 1.943 | 3.357 | 0.448 | 3.595 | 59.34 | 61.23 | 61.05 | 60.02 | 59.77 | 57.58 | 22.785 | 0.358 |
| 6/6/2025 5:30 | 0.445 | 1.846 | 1.908 | 3.385 | 0.456 | 3.573 | 59.34 | 61.23 | 61.23 | 60.02 | 59.81 | 57.62 | 22.065 | 0.357 |
| 6/6/2025 5:40 | 0.438 | 1.820 | 1.880 | 3.405 | 0.453 | 3.542 | 59.34 | 61.40 | 61.40 | 60.02 | 59.82 | 57.72 | 21.991 | 0.356 |
| 6/6/2025 5:50 | 0.430 | 1.805 | 1.872 | 3.409 | 0.434 | 3.514 | 59.16 | 61.40 | 61.40 | 60.02 | 59.88 | 57.87 | 21.633 | 0.356 |
| 6/6/2025 6:00 | 0.426 | 1.798 | 1.870 | 3.413 | 0.434 | 3.476 | 59.16 | 61.40 | 61.57 | 60.02 | 59.97 | 58.06 | 21.385 | 0.356 |
| 6/6/2025 6:10 | 0.422 | 1.797 | 1.866 | 3.416 | 0.425 | 3.463 | 59.51 | 61.57 | 61.57 | 60.02 | 60.06 | 58.27 | 21.208 | 0.356 |
| 6/6/2025 6:20 | 0.531 | 1.800 | 1.878 | 3.423 | 0.430 | 3.445 | 59.51 | 61.57 | 61.74 | 60.02 | 60.16 | 58.47 | 21.025 | 0.355 |
| 6/6/2025 6:30 | 0.670 | 1.804 | 1.875 | 3.420 | 0.425 | 3.435 | 59.68 | 61.57 | 61.91 | 60.02 | 60.26 | 58.68 | 20.794 | 0.355 |
| 6/6/2025 6:40 | 0.810 | 1.812 | 1.889 | 3.411 | 0.424 | 3.432 | 60.02 | 61.57 | 61.91 | 59.85 | 60.35 | 58.88 | 20.662 | 0.355 |
| 6/6/2025 6:50 | 0.946 | 1.822 | 1.891 | 3.413 | 0.436 | 3.418 | 60.02 | 61.57 | 61.91 | 59.85 | 60.43 | 59.06 | 20.415 | 0.354 |
| 6/6/2025 7:00 | 1.108 | 1.817 | 1.894 | 3.401 | 0.433 | 3.397 | 60.20 | 61.57 | 61.91 | 59.85 | 60.53 | 59.27 | 20.125 | 0.354 |
| 6/6/2025 7:10 | 1.267 | 1.822 | 1.890 | 3.398 | 0.455 | 3.386 | 60.20 | 61.57 | 61.91 | 59.85 | 60.55 | 59.40 | 20.165 | 0.354 |
| 6/6/2025 7:20 | 1.535 | 1.823 | 1.887 | 3.383 | 0.550 | 3.381 | 59.85 | 61.57 | 61.91 | 59.85 | 60.53 | 59.54 | 20.123 | 0.354 |
| 6/6/2025 7:30 | 1.731 | 1.827 | 1.891 | 3.380 | 0.732 | 3.389 | 59.51 | 61.57 | 62.08 | 59.85 | 60.53 | 59.68 | 20.093 | 0.353 |
| 6/6/2025 7:40 | 1.975 | 1.912 | 1.940 | 3.388 | 0.907 | 3.384 | 59.16 | 61.57 | 62.08 | 59.85 | 60.44 | 59.88 | 21.313 | 0.352 |
| 6/6/2025 7:50 | 2.158 | 2.036 | 2.062 | 3.378 | 1.051 | 3.376 | 59.16 | 61.40 | 62.08 | 59.85 | 60.13 | 59.95 | 24.711 | 0.352 |
| 6/6/2025 8:00 | 2.457 | 2.174 | 2.193 | 3.370 | 1.189 | 3.371 | 58.99 | 61.40 | 62.08 | 59.85 | 59.88 | 60.02 | 26.031 | 0.352 |
| 6/6/2025 8:10 | 2.613 | 2.309 | 2.330 | 3.364 | 1.322 | 3.365 | 58.99 | 61.40 | 62.08 | 59.85 | 59.68 | 60.09 | 27.067 | 0.351 |
| 6/6/2025 8:20 | 2.748 | 2.448 | 2.466 | 3.368 | 1.463 | 3.366 | 58.99 | 61.40 | 62.08 | 59.85 | 59.55 | 60.15 | 27.246 | 0.349 |
| 6/6/2025 8:30 | 2.775 | 2.563 | 2.582 | 3.361 | 1.578 | 3.366 | 58.82 | 61.40 | 62.08 | 59.85 | 59.47 | 60.20 | 27.449 | 0.349 |
| 6/6/2025 8:40 | 2.837 | 2.677 | 2.696 | 3.368 | 1.685 | 3.362 | 58.82 | 61.40 | 62.25 | 59.85 | 59.41 | 60.24 | 27.404 | 0.349 |
| 6/6/2025 8:50 | 2.928 | 2.769 | 2.782 | 3.363 | 1.775 | 3.364 | 58.82 | 61.40 | 62.25 | 59.85 | 59.36 | 60.26 | 26.813 | 0.348 |
| 6/6/2025 9:00 | 2.806 | 2.842 | 2.856 | 3.364 | 1.855 | 3.368 | 58.82 | 61.23 | 62.25 | 59.85 | 59.31 | 60.28 | 27.415 | 0.348 |
| 6/6/2025 9:10 | 2.769 | 2.841 | 2.856 | 3.358 | 1.860 | 3.365 | 58.82 | 61.23 | 62.43 | 59.68 | 59.27 | 60.29 | 27.382 | 0.347 |
| 6/6/2025 9:20 | 2.670 | 2.799 | 2.838 | 3.358 | 1.809 | 3.360 | 58.82 | 61.23 | 62.43 | 59.68 | 59.24 | 60.29 | 27.545 | 0.347 |
| 6/6/2025 9:30 | 2.589 | 2.734 | 2.764 | 3.355 | 1.710 | 3.350 | 58.82 | 61.05 | 62.25 | 59.68 | 59.23 | 60.28 | 27.339 | 0.346 |
| 6/6/2025 9:40 | 2.474 | 2.619 | 2.655 | 3.355 | 1.613 | 3.357 | 58.82 | 61.05 | 62.25 | 59.68 | 59.21 | 60.28 | 27.485 | 0.346 |
| 6/6/2025 9:50 | 2.318 | 2.474 | 2.524 | 3.352 | 1.453 | 3.352 | 58.99 | 61.05 | 62.25 | 59.68 | 59.22 | 60.27 | 27.399 | 0.345 |
| 6/6/2025 10:00 | 2.202 | 2.353 | 2.406 | 3.350 | 1.345 | 3.356 | 59.16 | 61.05 | 62.25 | 59.68 | 59.22 | 60.26 | 27.333 | 0.345 |
| 6/6/2025 10:10 | 2.083 | 2.245 | 2.304 | 3.346 | 1.239 | 3.353 | 59.34 | 61.05 | 62.25 | 59.68 | 59.23 | 60.25 | 27.334 | 0.344 |
| 6/6/2025 10:20 | 1.958 | 2.151 | 2.196 | 3.351 | 1.106 | 3.357 | 59.34 | 61.23 | 62.43 | 59.68 | 59.24 | 60.23 | 27.295 | 0.344 |
| 6/6/2025 10:30 | 1.812 | 2.048 | 2.097 | 3.347 | 0.975 | 3.350 | 59.34 | 61.23 | 62.43 | 59.68 | 59.26 | 60.24 | 28.252 | 0.343 |
| 6/6/2025 10:40 | 1.710 | 1.952 | 2.022 | 3.351 | 0.877 | 3.356 | 59.51 | 61.23 | 62.60 | 59.68 | 59.29 | 60.24 | 27.429 | 0.343 |
| 6/6/2025 10:50 | 1.583 | 1.895 | 1.956 | 3.351 | 0.762 | 3.355 | 59.34 | 61.23 | 62.60 | 59.68 | 59.34 | 60.23 | 28.885 | 0.343 |
| 6/6/2025 11:00 | 1.471 | 1.846 | 1.911 | 3.345 | 0.663 | 3.353 | 59.51 | 61.23 | 62.77 | 59.68 | 59.45 | 60.22 | 27.581 | 0.342 |
| 6/6/2025 11:10 | 1.377 | 1.823 | 1.882 | 3.348 | 0.581 | 3.345 | 59.68 | 61.23 | 62.94 | 59.68 | 59.62 | 60.20 | 29.151 | 0.341 |
| 6/6/2025 11:20 | 1.286 | 1.806 | 1.874 | 3.347 | 0.519 | 3.340 | 59.85 | 61.23 | 63.11 | 59.68 | 59.76 | 60.19 | 29.177 | 0.341 |
| 6/6/2025 11:30 | 1.209 | 1.807 | 1.869 | 3.352 | 0.474 | 3.348 | 60.20 | 61.23 | 63.28 | 59.68 | 59.95 | 60.17 | 27.532 | 0.341 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/6/2025 11:40 | 1.136 | 1.798 | 1.861 | 3.338 | 0.446 | 3.346 | 60.37 | 61.40 | 63.63 | 59.68 | 60.16 | 60.14 | 27.504 | 0.340 |
| 6/6/2025 11:50 | 1.064 | 1.789 | 1.853 | 3.341 | 0.426 | 3.339 | 60.37 | 61.40 | 63.80 | 59.68 | 60.29 | 60.12 | 23.785 | 0.340 |
| 6/6/2025 12:00 | 1.010 | 1.789 | 1.847 | 3.337 | 0.416 | 3.343 | 60.71 | 61.40 | 63.97 | 59.68 | 60.46 | 60.10 | 27.183 | 0.339 |
| 6/6/2025 12:10 | 0.953 | 1.791 | 1.853 | 3.342 | 0.425 | 3.342 | 60.88 | 61.40 | 64.14 | 59.68 | 60.62 | 60.08 | 26.439 | 0.339 |
| 6/6/2025 12:20 | 0.896 | 1.780 | 1.843 | 3.332 | 0.403 | 3.334 | 61.23 | 61.40 | 64.48 | 59.68 | 60.77 | 60.05 | 25.379 | 0.339 |
| 6/6/2025 12:30 | 0.853 | 1.783 | 1.843 | 3.330 | 0.409 | 3.339 | 61.74 | 61.57 | 64.83 | 59.68 | 60.92 | 60.04 | 26.756 | 0.339 |
| 6/6/2025 12:40 | 0.798 | 1.774 | 1.837 | 3.325 | 0.405 | 3.331 | 61.91 | 61.57 | 65.17 | 59.68 | 61.08 | 60.02 | 26.031 | 0.339 |
| 6/6/2025 12:50 | 0.769 | 1.780 | 1.839 | 3.326 | 0.411 | 3.343 | 62.25 | 61.74 | 65.34 | 59.68 | 61.27 | 59.99 | 25.778 | 0.339 |
| 6/6/2025 13:00 | 0.734 | 1.779 | 1.837 | 3.330 | 0.401 | 3.347 | 62.43 | 61.74 | 65.68 | 59.68 | 61.44 | 59.97 | 25.207 | 0.339 |
| 6/6/2025 13:10 | 0.708 | 1.780 | 1.835 | 3.335 | 0.414 | 3.346 | 62.77 | 61.74 | 65.85 | 59.68 | 61.61 | 59.95 | 25.212 | 0.339 |
| 6/6/2025 13:20 | 0.678 | 1.790 | 1.845 | 3.343 | 0.412 | 3.349 | 62.77 | 61.91 | 66.02 | 59.68 | 61.75 | 59.93 | 21.331 | 0.339 |
| 6/6/2025 13:30 | 0.658 | 1.786 | 1.839 | 3.340 | 0.411 | 3.345 | 62.94 | 61.91 | 66.19 | 59.68 | 61.95 | 59.91 | 24.343 | 0.339 |
| 6/6/2025 13:40 | 0.633 | 1.784 | 1.844 | 3.345 | 0.410 | 3.352 | 63.11 | 62.08 | 66.37 | 59.68 | 62.11 | 59.89 | 23.586 | 0.339 |
| 6/6/2025 13:50 | 0.608 | 1.783 | 1.839 | 3.340 | 0.407 | 3.354 | 63.11 | 62.08 | 66.19 | 59.68 | 62.24 | 59.86 | 23.032 | 0.339 |
| 6/6/2025 14:00 | 0.589 | 1.772 | 1.835 | 3.340 | 0.410 | 3.348 | 63.11 | 62.25 | 66.19 | 59.68 | 62.33 | 59.84 | 22.803 | 0.339 |
| 6/6/2025 14:10 | 0.575 | 1.774 | 1.837 | 3.334 | 0.409 | 3.352 | 63.28 | 62.25 | 66.19 | 59.68 | 62.41 | 59.82 | 22.522 | 0.339 |
| 6/6/2025 14:20 | 0.543 | 1.764 | 1.823 | 3.328 | 0.399 | 3.341 | 63.46 | 62.43 | 66.19 | 59.68 | 62.56 | 59.79 | 22.287 | 0.340 |
| 6/6/2025 14:30 | 0.535 | 1.764 | 1.827 | 3.331 | 0.400 | 3.339 | 63.63 | 62.43 | 66.19 | 59.68 | 62.70 | 59.77 | 22.217 | 0.340 |
| 6/6/2025 14:40 | 0.515 | 1.768 | 1.823 | 3.331 | 0.402 | 3.346 | 63.80 | 62.60 | 66.19 | 59.68 | 62.83 | 59.75 | 21.838 | 0.340 |
| 6/6/2025 14:50 | 0.503 | 1.771 | 1.834 | 3.342 | 0.407 | 3.354 | 63.97 | 62.60 | 66.19 | 59.68 | 62.95 | 59.74 | 21.948 | 0.340 |
| 6/6/2025 15:00 | 0.496 | 1.772 | 1.834 | 3.330 | 0.409 | 3.352 | 64.14 | 62.77 | 66.19 | 59.68 | 63.08 | 59.71 | 21.731 | 0.340 |
| 6/6/2025 15:10 | 0.475 | 1.766 | 1.829 | 3.325 | 0.396 | 3.350 | 64.31 | 62.77 | 66.19 | 59.68 | 63.17 | 59.70 | 22.189 | 0.340 |
| 6/6/2025 15:20 | 0.460 | 1.760 | 1.818 | 3.325 | 0.396 | 3.344 | 64.31 | 62.94 | 66.19 | 59.68 | 63.31 | 59.68 | 21.726 | 0.341 |
| 6/6/2025 15:30 | 0.463 | 1.759 | 1.822 | 3.329 | 0.407 | 3.354 | 64.14 | 62.94 | 66.19 | 59.68 | 63.36 | 59.66 | 21.386 | 0.341 |
| 6/6/2025 15:40 | 0.448 | 1.760 | 1.838 | 3.330 | 0.405 | 3.352 | 64.14 | 62.94 | 66.19 | 59.68 | 63.45 | 59.64 | 21.466 | 0.341 |
| 6/6/2025 15:50 | 0.437 | 1.758 | 1.820 | 3.331 | 0.397 | 3.349 | 64.14 | 63.11 | 66.19 | 59.68 | 63.53 | 59.62 | 21.322 | 0.342 |
| 6/6/2025 16:00 | 0.430 | 1.755 | 1.825 | 3.336 | 0.397 | 3.352 | 64.14 | 63.11 | 66.19 | 59.68 | 63.59 | 59.60 | 21.015 | 0.342 |
| 6/6/2025 16:10 | 0.426 | 1.759 | 1.826 | 3.337 | 0.403 | 3.352 | 63.97 | 63.11 | 66.02 | 59.85 | 63.64 | 59.59 | 20.789 | 0.342 |
| 6/6/2025 16:20 | 0.422 | 1.749 | 1.822 | 3.333 | 0.404 | 3.349 | 63.97 | 63.28 | 66.02 | 59.85 | 63.67 | 59.57 | 20.660 | 0.343 |
| 6/6/2025 16:30 | 0.416 | 1.758 | 1.824 | 3.339 | 0.399 | 3.355 | 63.80 | 63.28 | 65.85 | 59.85 | 63.68 | 59.55 | 20.593 | 0.343 |
| 6/6/2025 16:40 | 0.421 | 1.760 | 1.821 | 3.341 | 0.395 | 3.358 | 63.63 | 63.28 | 65.68 | 59.85 | 63.68 | 59.54 | 20.446 | 0.343 |
| 6/6/2025 16:50 | 0.403 | 1.750 | 1.814 | 3.331 | 0.389 | 3.349 | 63.63 | 63.28 | 65.51 | 59.85 | 63.67 | 59.52 | 20.247 | 0.343 |
| 6/6/2025 17:00 | 0.406 | 1.754 | 1.818 | 3.339 | 0.394 | 3.348 | 63.46 | 63.28 | 65.34 | 59.85 | 63.64 | 59.51 | 20.201 | 0.343 |
| 6/6/2025 17:10 | 0.399 | 1.748 | 1.814 | 3.329 | 0.385 | 3.344 | 63.46 | 63.28 | 65.17 | 59.85 | 63.61 | 59.49 | 20.197 | 0.343 |
| 6/6/2025 17:20 | 0.399 | 1.751 | 1.814 | 3.328 | 0.395 | 3.351 | 63.46 | 63.28 | 65.00 | 59.85 | 63.57 | 59.47 | 20.075 | 0.343 |
| 6/6/2025 17:30 | 0.393 | 1.750 | 1.807 | 3.326 | 0.389 | 3.351 | 63.28 | 63.28 | 64.65 | 59.85 | 63.55 | 59.46 | 19.956 | 0.343 |
| 6/6/2025 17:40 | 0.391 | 1.745 | 1.801 | 3.325 | 0.384 | 3.338 | 63.11 | 63.28 | 64.48 | 59.85 | 63.51 | 59.44 | 19.919 | 0.343 |
| 6/6/2025 17:50 | 0.385 | 1.743 | 1.802 | 3.320 | 0.379 | 3.339 | 63.11 | 63.28 | 64.31 | 59.85 | 63.47 | 59.42 | 19.743 | 0.343 |
| 6/6/2025 18:00 | 0.401 | 1.744 | 1.810 | 3.321 | 0.379 | 3.350 | 62.94 | 63.28 | 64.14 | 60.02 | 63.41 | 59.40 | 19.695 | 0.343 |
| 6/6/2025 18:10 | 0.482 | 1.746 | 1.808 | 3.328 | 0.383 | 3.340 | 62.94 | 63.28 | 63.97 | 60.02 | 63.36 | 59.39 | 19.719 | 0.343 |
| 6/6/2025 18:20 | 0.620 | 1.751 | 1.808 | 3.328 | 0.383 | 3.343 | 62.77 | 63.28 | 63.80 | 60.02 | 63.29 | 59.37 | 19.701 | 0.343 |
| 6/6/2025 18:30 | 0.779 | 1.752 | 1.798 | 3.325 | 0.384 | 3.341 | 62.77 | 63.28 | 63.80 | 60.02 | 63.22 | 59.35 | 19.623 | 0.342 |
| 6/6/2025 18:40 | 0.929 | 1.749 | 1.802 | 3.318 | 0.378 | 3.347 | 62.77 | 63.28 | 63.63 | 60.02 | 63.15 | 59.34 | 19.598 | 0.343 |
| 6/6/2025 18:50 | 1.119 | 1.741 | 1.793 | 3.311 | 0.377 | 3.337 | 62.77 | 63.28 | 63.46 | 60.02 | 63.07 | 59.32 | 19.388 | 0.342 |
| 6/6/2025 19:00 | 1.407 | 1.745 | 1.796 | 3.319 | 0.445 | 3.349 | 62.60 | 63.28 | 63.28 | 60.02 | 62.98 | 59.31 | 19.447 | 0.342 |
| 6/6/2025 19:10 | 1.739 | 1.745 | 1.791 | 3.319 | 0.604 | 3.353 | 61.74 | 63.11 | 63.11 | 60.02 | 62.88 | 59.30 | 19.542 | 0.342 |
| 6/6/2025 19:20 | 2.038 | 1.804 | 1.801 | 3.329 | 0.824 | 3.383 | 61.05 | 63.11 | 63.11 | 60.02 | 62.41 | 59.28 | 22.773 | 0.341 |
| 6/6/2025 19:30 | 2.227 | 1.946 | 1.964 | 3.322 | 0.961 | 3.383 | 60.54 | 63.11 | 62.94 | 60.02 | 61.72 | 59.26 | 25.055 | 0.341 |
| 6/6/2025 19:40 | 2.563 | 2.103 | 2.125 | 3.313 | 1.125 | 3.391 | 59.85 | 63.11 | 62.94 | 60.02 | 61.11 | 59.25 | 26.392 | 0.340 |
| 6/6/2025 19:50 | 2.848 | 2.264 | 2.284 | 3.325 | 1.276 | 3.425 | 58.99 | 62.94 | 62.94 | 60.02 | 60.43 | 59.24 | 27.271 | 0.340 |
| 6/6/2025 20:00 | 3.150 | 2.467 | 2.492 | 3.356 | 1.479 | 3.540 | 58.30 | 62.94 | 62.77 | 60.02 | 60.04 | 59.22 | 27.883 | 0.339 |
| 6/6/2025 20:10 | 3.304 | 2.633 | 2.656 | 3.362 | 1.650 | 3.586 | 57.79 | 62.94 | 62.77 | 60.20 | 59.53 | 59.21 | 27.991 | 0.339 |
| 6/6/2025 20:20 | 3.396 | 2.831 | 2.842 | 3.408 | 1.829 | 3.623 | 57.44 | 62.94 | 62.77 | 60.20 | 59.20 | 59.31 | 28.143 | 0.338 |
| 6/6/2025 20:30 | 3.558 | 2.984 | 2.999 | 3.450 | 1.993 | 3.642 | 57.44 | 62.77 | 62.77 | 60.20 | 59.02 | 59.47 | 28.260 | 0.333 |
| 6/6/2025 20:40 | 3.370 | 3.124 | 3.135 | 3.492 | 2.124 | 3.645 | 57.27 | 62.43 | 62.94 | 60.20 | 58.89 | 59.85 | 28.271 | 0.324 |
| 6/6/2025 20:50 | 3.658 | 3.242 | 3.239 | 3.523 | 2.232 | 3.614 | 57.27 | 62.08 | 63.11 | 60.20 | 58.79 | 60.42 | 28.263 | 0.310 |
| 6/6/2025 21:00 | 3.689 | 3.337 | 3.331 | 3.553 | 2.321 | 3.599 | 57.27 | 61.74 | 63.11 | 60.20 | 58.72 | 60.93 | 28.249 | 0.297 |
| 6/6/2025 21:10 | 3.657 | 3.428 | 3.415 | 3.596 | 2.411 | 3.574 | 57.44 | 61.40 | 63.11 | 60.20 | 58.65 | 61.30 | 28.254 | 0.291 |
| 6/6/2025 21:20 | 3.503 | 3.478 | 3.471 | 3.627 | 2.453 | 3.533 | 57.44 | 61.05 | 63.11 | 60.20 | 58.59 | 61.67 | 28.274 | 0.280 |
| 6/6/2025 21:30 | 3.452 | 3.535 | 3.534 | 3.670 | 2.512 | 3.509 | 57.44 | 60.88 | 63.28 | 60.20 | 58.53 | 61.83 | 28.249 | 0.279 |
| 6/6/2025 21:40 | 3.474 | 3.549 | 3.542 | 3.696 | 2.530 | 3.498 | 57.44 | 60.88 | 63.46 | 60.20 | 58.48 | 61.90 | 28.264 | 0.280 |
| 6/6/2025 21:50 | 3.412 | 3.466 | 3.484 | 3.720 | 2.465 | 3.483 | 57.44 | 60.88 | 63.28 | 60.20 | 58.43 | 61.98 | 28.279 | 0.277 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/6/2025 22:00 | 3.248 | 3.364 | 3.379 | 3.707 | 2.380 | 3.464 | 57.61 | 60.88 | 63.28 | 60.20 | 58.40 | 62.02 | 28.266 | 0.274 |
| 6/6/2025 22:10 | 3.072 | 3.258 | 3.268 | 3.682 | 2.199 | 3.449 | 57.44 | 60.88 | 63.28 | 60.20 | 58.39 | 62.05 | 28.282 | 0.272 |
| 6/6/2025 22:20 | 2.891 | 3.101 | 3.137 | 3.662 | 2.031 | 3.448 | 57.61 | 61.05 | 63.28 | 60.20 | 58.40 | 62.06 | 28.274 | 0.271 |
| 6/6/2025 22:30 | 2.829 | 2.964 | 2.976 | 3.620 | 1.913 | 3.426 | 57.61 | 61.05 | 63.11 | 60.20 | 58.42 | 62.07 | 28.306 | 0.270 |
| 6/6/2025 22:40 | 2.588 | 2.807 | 2.834 | 3.597 | 1.736 | 3.431 | 57.61 | 61.23 | 63.11 | 60.20 | 58.47 | 62.08 | 28.292 | 0.270 |
| 6/6/2025 22:50 | 2.447 | 2.651 | 2.677 | 3.567 | 1.564 | 3.423 | 57.61 | 61.23 | 62.94 | 60.20 | 58.53 | 62.07 | 28.283 | 0.269 |
| 6/6/2025 23:00 | 2.259 | 2.507 | 2.553 | 3.541 | 1.407 | 3.418 | 57.61 | 61.40 | 62.94 | 60.20 | 58.60 | 62.05 | 28.296 | 0.269 |
| 6/6/2025 23:10 | 2.104 | 2.380 | 2.424 | 3.536 | 1.270 | 3.417 | 57.79 | 61.57 | 62.77 | 60.20 | 58.83 | 62.02 | 28.338 | 0.268 |
| 6/6/2025 23:20 | 1.953 | 2.272 | 2.325 | 3.524 | 1.128 | 3.419 | 57.79 | 61.57 | 62.77 | 60.20 | 59.26 | 61.99 | 28.446 | 0.267 |
| 6/6/2025 23:30 | 1.824 | 2.180 | 2.248 | 3.508 | 1.001 | 3.415 | 57.96 | 61.57 | 62.60 | 60.20 | 59.60 | 61.96 | 28.434 | 0.267 |
| 6/6/2025 23:40 | 1.710 | 2.119 | 2.201 | 3.493 | 0.900 | 3.410 | 58.13 | 61.57 | 62.60 | 60.20 | 59.90 | 61.91 | 28.340 | 0.266 |
| 6/6/2025 23:50 | 1.605 | 2.089 | 2.187 | 3.493 | 0.823 | 3.403 | 58.30 | 61.74 | 62.60 | 60.20 | 60.14 | 61.87 | 28.018 | 0.266 |
| 6/7/2025 0:00 | 1.510 | 2.066 | 2.168 | 3.485 | 0.749 | 3.406 | 58.48 | 61.74 | 62.60 | 60.20 | 60.33 | 61.83 | 27.545 | 0.266 |
| 6/7/2025 0:10 | 1.433 | 2.067 | 2.180 | 3.478 | 0.694 | 3.401 | 58.65 | 61.74 | 62.60 | 60.20 | 60.47 | 61.79 | 26.565 | 0.266 |
| 6/7/2025 0:20 | 1.355 | 2.063 | 2.165 | 3.474 | 0.659 | 3.401 | 58.82 | 61.74 | 62.60 | 60.02 | 60.57 | 61.76 | 25.504 | 0.266 |
| 6/7/2025 0:30 | 1.300 | 2.074 | 2.180 | 3.477 | 0.648 | 3.410 | 58.99 | 61.74 | 62.60 | 60.02 | 60.69 | 61.72 | 24.581 | 0.265 |
| 6/7/2025 0:40 | 1.239 | 2.079 | 2.191 | 3.474 | 0.639 | 3.411 | 59.16 | 61.74 | 62.60 | 60.02 | 60.78 | 61.68 | 22.190 | 0.265 |
| 6/7/2025 0:50 | 1.189 | 2.079 | 2.187 | 3.475 | 0.638 | 3.411 | 59.34 | 61.74 | 62.60 | 60.02 | 60.85 | 61.65 | 20.214 | 0.265 |
| 6/7/2025 1:00 | 1.135 | 2.083 | 2.187 | 3.467 | 0.624 | 3.396 | 59.68 | 61.74 | 62.60 | 60.02 | 60.84 | 61.60 | 20.133 | 0.265 |
| 6/7/2025 1:10 | 1.087 | 2.082 | 2.186 | 3.466 | 0.622 | 3.394 | 59.85 | 61.74 | 62.60 | 60.02 | 60.88 | 61.56 | 20.541 | 0.265 |
| 6/7/2025 1:20 | 1.049 | 2.078 | 2.194 | 3.470 | 0.625 | 3.400 | 60.02 | 61.74 | 62.60 | 60.02 | 60.91 | 61.51 | 19.925 | 0.266 |
| 6/7/2025 1:30 | 1.020 | 2.088 | 2.197 | 3.476 | 0.633 | 3.409 | 60.20 | 61.74 | 62.60 | 60.02 | 60.92 | 61.46 | 19.651 | 0.268 |
| 6/7/2025 1:40 | 0.981 | 2.078 | 2.182 | 3.465 | 0.621 | 3.389 | 60.20 | 61.74 | 62.60 | 60.02 | 60.93 | 61.42 | 19.397 | 0.272 |
| 6/7/2025 1:50 | 0.953 | 2.077 | 2.189 | 3.469 | 0.613 | 3.395 | 60.20 | 61.74 | 62.60 | 60.02 | 60.93 | 61.38 | 19.415 | 0.277 |
| 6/7/2025 2:00 | 0.933 | 2.081 | 2.182 | 3.468 | 0.625 | 3.407 | 60.20 | 61.74 | 62.60 | 60.02 | 60.95 | 61.33 | 19.090 | 0.285 |
| 6/7/2025 2:10 | 0.902 | 2.073 | 2.178 | 3.460 | 0.612 | 3.388 | 60.37 | 61.74 | 62.60 | 60.02 | 60.94 | 61.29 | 18.545 | 0.293 |
| 6/7/2025 2:20 | 0.878 | 2.065 | 2.174 | 3.464 | 0.612 | 3.387 | 60.37 | 61.74 | 62.60 | 60.02 | 60.91 | 61.25 | 18.896 | 0.301 |
| 6/7/2025 2:30 | 0.861 | 2.065 | 2.166 | 3.463 | 0.608 | 3.397 | 60.37 | 61.74 | 62.43 | 60.02 | 60.93 | 61.21 | 18.661 | 0.307 |
| 6/7/2025 2:40 | 0.842 | 2.057 | 2.156 | 3.460 | 0.607 | 3.394 | 60.37 | 61.74 | 62.43 | 60.02 | 60.93 | 61.19 | 18.771 | 0.303 |
| 6/7/2025 2:50 | 0.830 | 2.053 | 2.152 | 3.463 | 0.609 | 3.407 | 60.37 | 61.74 | 62.43 | 60.02 | 60.91 | 61.14 | 19.012 | 0.301 |
| 6/7/2025 3:00 | 0.810 | 2.049 | 2.137 | 3.459 | 0.594 | 3.394 | 60.37 | 61.74 | 62.43 | 60.02 | 60.89 | 61.07 | 19.261 | 0.300 |
| 6/7/2025 3:10 | 0.794 | 2.034 | 2.133 | 3.455 | 0.590 | 3.399 | 60.20 | 61.74 | 62.25 | 60.02 | 60.87 | 61.01 | 19.429 | 0.299 |
| 6/7/2025 3:20 | 0.782 | 2.026 | 2.118 | 3.451 | 0.584 | 3.390 | 60.20 | 61.74 | 62.25 | 60.02 | 60.86 | 60.95 | 19.367 | 0.298 |
| 6/7/2025 3:30 | 0.766 | 2.018 | 2.118 | 3.455 | 0.582 | 3.403 | 60.20 | 61.74 | 62.25 | 60.02 | 60.85 | 60.90 | 19.493 | 0.298 |
| 6/7/2025 3:40 | 0.758 | 2.014 | 2.114 | 3.451 | 0.574 | 3.400 | 60.20 | 61.57 | 62.08 | 60.02 | 60.83 | 60.84 | 19.775 | 0.298 |
| 6/7/2025 3:50 | 0.753 | 2.006 | 2.106 | 3.455 | 0.571 | 3.394 | 60.20 | 61.57 | 62.08 | 60.02 | 60.79 | 60.78 | 19.986 | 0.298 |
| 6/7/2025 4:00 | 0.729 | 1.994 | 2.092 | 3.454 | 0.560 | 3.394 | 60.20 | 61.57 | 62.08 | 60.02 | 60.76 | 60.73 | 20.132 | 0.298 |
| 6/7/2025 4:10 | 0.733 | 2.002 | 2.107 | 3.462 | 0.569 | 3.403 | 60.20 | 61.57 | 62.08 | 60.02 | 60.73 | 60.69 | 20.291 | 0.298 |
| 6/7/2025 4:20 | 0.710 | 1.992 | 2.085 | 3.451 | 0.554 | 3.396 | 60.02 | 61.57 | 61.91 | 59.85 | 60.72 | 60.64 | 20.334 | 0.298 |
| 6/7/2025 4:30 | 0.718 | 1.992 | 2.079 | 3.459 | 0.566 | 3.405 | 60.02 | 61.57 | 61.91 | 59.85 | 60.69 | 60.60 | 20.632 | 0.300 |
| 6/7/2025 4:40 | 0.703 | 1.973 | 2.071 | 3.451 | 0.562 | 3.398 | 60.02 | 61.57 | 61.91 | 59.85 | 60.65 | 60.55 | 20.735 | 0.301 |
| 6/7/2025 4:50 | 0.686 | 1.969 | 2.060 | 3.448 | 0.547 | 3.392 | 59.85 | 61.57 | 61.91 | 59.85 | 60.62 | 60.51 | 20.847 | 0.302 |
| 6/7/2025 5:00 | 0.686 | 1.969 | 2.064 | 3.451 | 0.546 | 3.403 | 59.85 | 61.57 | 61.74 | 59.85 | 60.58 | 60.47 | 20.911 | 0.303 |
| 6/7/2025 5:10 | 0.682 | 1.962 | 2.049 | 3.451 | 0.536 | 3.399 | 59.85 | 61.57 | 61.74 | 59.85 | 60.57 | 60.43 | 20.531 | 0.304 |
| 6/7/2025 5:20 | 0.674 | 1.954 | 2.053 | 3.448 | 0.530 | 3.392 | 59.68 | 61.40 | 61.74 | 59.85 | 60.53 | 60.39 | 20.306 | 0.304 |
| 6/7/2025 5:30 | 0.670 | 1.954 | 2.035 | 3.448 | 0.537 | 3.396 | 59.68 | 61.40 | 61.74 | 59.85 | 60.49 | 60.36 | 19.977 | 0.305 |
| 6/7/2025 5:40 | 0.663 | 1.947 | 2.042 | 3.445 | 0.522 | 3.401 | 59.68 | 61.40 | 61.57 | 59.85 | 60.45 | 60.32 | 19.779 | 0.305 |
| 6/7/2025 5:50 | 0.659 | 1.943 | 2.038 | 3.445 | 0.524 | 3.398 | 59.68 | 61.40 | 61.57 | 59.85 | 60.43 | 60.29 | 19.811 | 0.305 |
| 6/7/2025 6:00 | 0.651 | 1.939 | 2.031 | 3.445 | 0.519 | 3.389 | 59.68 | 61.40 | 61.57 | 59.85 | 60.41 | 60.25 | 19.740 | 0.306 |
| 6/7/2025 6:10 | 0.643 | 1.931 | 2.016 | 3.445 | 0.516 | 3.386 | 59.68 | 61.40 | 61.57 | 59.85 | 60.39 | 60.21 | 19.647 | 0.306 |
| 6/7/2025 6:20 | 0.641 | 1.934 | 2.022 | 3.439 | 0.515 | 3.400 | 59.51 | 61.40 | 61.57 | 59.85 | 60.35 | 60.18 | 19.991 | 0.307 |
| 6/7/2025 6:30 | 0.626 | 1.919 | 2.008 | 3.437 | 0.512 | 3.386 | 59.51 | 61.40 | 61.57 | 59.85 | 60.32 | 60.16 | 19.560 | 0.307 |
| 6/7/2025 6:40 | 0.618 | 1.922 | 2.003 | 3.432 | 0.509 | 3.388 | 59.51 | 61.23 | 61.40 | 59.85 | 60.30 | 60.12 | 19.442 | 0.308 |
| 6/7/2025 6:50 | 0.619 | 1.915 | 1.996 | 3.425 | 0.497 | 3.376 | 59.51 | 61.23 | 61.40 | 59.85 | 60.27 | 60.10 | 19.356 | 0.309 |
| 6/7/2025 7:00 | 0.611 | 1.915 | 1.993 | 3.429 | 0.500 | 3.382 | 59.51 | 61.23 | 61.40 | 59.85 | 60.25 | 60.07 | 19.291 | 0.311 |
| 6/7/2025 7:10 | 0.650 | 1.911 | 1.988 | 3.429 | 0.487 | 3.381 | 59.51 | 61.23 | 61.40 | 59.85 | 60.22 | 60.05 | 19.163 | 0.312 |
| 6/7/2025 7:20 | 0.761 | 1.911 | 1.996 | 3.429 | 0.505 | 3.381 | 59.51 | 61.23 | 61.40 | 59.85 | 60.19 | 60.03 | 19.200 | 0.313 |
| 6/7/2025 7:30 | 0.897 | 1.909 | 1.983 | 3.427 | 0.500 | 3.388 | 59.68 | 61.23 | 61.40 | 59.85 | 60.17 | 60.00 | 19.331 | 0.314 |
| 6/7/2025 7:40 | 1.062 | 1.905 | 1.990 | 3.429 | 0.491 | 3.400 | 59.68 | 61.23 | 61.40 | 59.68 | 60.14 | 59.98 | 19.302 | 0.315 |
| 6/7/2025 7:50 | 1.228 | 1.908 | 1.989 | 3.433 | 0.500 | 3.396 | 59.68 | 61.23 | 61.40 | 59.68 | 60.12 | 59.96 | 19.426 | 0.316 |
| 6/7/2025 8:00 | 1.414 | 1.909 | 1.983 | 3.441 | 0.534 | 3.402 | 59.85 | 61.23 | 61.57 | 59.68 | 60.11 | 59.94 | 19.480 | 0.316 |
| 6/7/2025 8:10 | 1.609 | 1.913 | 1.988 | 3.438 | 0.649 | 3.396 | 59.85 | 61.05 | 61.57 | 59.68 | 60.10 | 59.92 | 19.476 | 0.317 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/7/2025 8:20 | 1.844 | 1.936 | 1.995 | 3.438 | 0.852 | 3.398 | 59.68 | 61.05 | 61.57 | 59.68 | 60.09 | 59.90 | 19.409 | 0.318 |
| 6/7/2025 8:30 | 2.030 | 2.042 | 2.081 | 3.425 | 1.043 | 3.391 | 59.85 | 61.05 | 61.57 | 59.68 | 60.06 | 59.89 | 19.544 | 0.319 |
| 6/7/2025 8:40 | 2.237 | 2.214 | 2.226 | 3.432 | 1.211 | 3.391 | 59.68 | 61.05 | 61.57 | 59.68 | 59.94 | 59.87 | 21.963 | 0.320 |
| 6/7/2025 8:50 | 2.433 | 2.355 | 2.383 | 3.436 | 1.361 | 3.391 | 59.51 | 61.05 | 61.57 | 59.68 | 59.77 | 59.85 | 23.753 | 0.320 |
| 6/7/2025 9:00 | 2.575 | 2.489 | 2.507 | 3.427 | 1.510 | 3.388 | 59.51 | 61.05 | 61.57 | 59.68 | 59.72 | 59.83 | 24.559 | 0.321 |
| 6/7/2025 9:10 | 2.690 | 2.612 | 2.639 | 3.428 | 1.633 | 3.385 | 59.51 | 61.05 | 61.74 | 59.68 | 59.67 | 59.82 | 25.202 | 0.322 |
| 6/7/2025 9:20 | 2.805 | 2.731 | 2.749 | 3.420 | 1.741 | 3.389 | 59.51 | 61.05 | 61.74 | 59.68 | 59.63 | 59.80 | 25.379 | 0.326 |
| 6/7/2025 9:30 | 2.788 | 2.818 | 2.829 | 3.419 | 1.832 | 3.388 | 59.51 | 61.05 | 61.74 | 59.68 | 59.62 | 59.78 | 25.373 | 0.331 |
| 6/7/2025 9:40 | 2.713 | 2.818 | 2.847 | 3.415 | 1.823 | 3.382 | 59.51 | 61.05 | 61.74 | 59.68 | 59.60 | 59.77 | 25.364 | 0.334 |
| 6/7/2025 9:50 | 2.692 | 2.821 | 2.851 | 3.422 | 1.803 | 3.382 | 59.51 | 61.05 | 61.91 | 59.68 | 59.59 | 59.76 | 25.392 | 0.335 |
| 6/7/2025 10:00 | 2.654 | 2.745 | 2.771 | 3.415 | 1.752 | 3.386 | 59.68 | 61.05 | 61.91 | 59.68 | 59.59 | 59.75 | 25.395 | 0.336 |
| 6/7/2025 10:10 | 2.578 | 2.690 | 2.726 | 3.421 | 1.668 | 3.382 | 59.68 | 61.05 | 61.91 | 59.68 | 59.58 | 59.74 | 25.418 | 0.336 |
| 6/7/2025 10:20 | 2.455 | 2.621 | 2.653 | 3.422 | 1.605 | 3.380 | 59.68 | 61.05 | 61.91 | 59.68 | 59.57 | 59.74 | 25.415 | 0.336 |
| 6/7/2025 10:30 | 2.405 | 2.507 | 2.551 | 3.414 | 1.486 | 3.378 | 59.68 | 61.05 | 61.91 | 59.68 | 59.56 | 59.73 | 25.262 | 0.336 |
| 6/7/2025 10:40 | 2.268 | 2.431 | 2.461 | 3.415 | 1.398 | 3.382 | 59.85 | 61.05 | 61.91 | 59.68 | 59.56 | 59.73 | 25.402 | 0.335 |
| 6/7/2025 10:50 | 2.143 | 2.314 | 2.353 | 3.409 | 1.268 | 3.382 | 59.85 | 61.05 | 61.91 | 59.68 | 59.56 | 59.71 | 25.413 | 0.336 |
| 6/7/2025 11:00 | 1.996 | 2.197 | 2.249 | 3.400 | 1.147 | 3.372 | 59.85 | 61.05 | 61.91 | 59.68 | 59.56 | 59.71 | 25.441 | 0.337 |
| 6/7/2025 11:10 | 1.856 | 2.105 | 2.161 | 3.411 | 1.021 | 3.382 | 59.68 | 61.05 | 61.91 | 59.68 | 59.56 | 59.70 | 25.416 | 0.338 |
| 6/7/2025 11:20 | 1.729 | 2.019 | 2.079 | 3.405 | 0.903 | 3.375 | 59.85 | 61.05 | 61.91 | 59.51 | 59.58 | 59.69 | 25.406 | 0.339 |
| 6/7/2025 11:30 | 1.629 | 1.953 | 2.028 | 3.411 | 0.807 | 3.382 | 59.85 | 61.05 | 61.91 | 59.51 | 59.65 | 59.69 | 25.448 | 0.340 |
| 6/7/2025 11:40 | 1.508 | 1.904 | 1.980 | 3.396 | 0.698 | 3.365 | 59.85 | 61.05 | 61.91 | 59.51 | 59.77 | 59.68 | 25.455 | 0.341 |
| 6/7/2025 11:50 | 1.426 | 1.890 | 1.975 | 3.406 | 0.633 | 3.380 | 59.85 | 61.05 | 61.91 | 59.51 | 59.88 | 59.67 | 25.466 | 0.341 |
| 6/7/2025 12:00 | 1.345 | 1.880 | 1.966 | 3.408 | 0.570 | 3.383 | 59.85 | 61.05 | 61.91 | 59.51 | 59.98 | 59.67 | 25.415 | 0.342 |
| 6/7/2025 12:10 | 1.255 | 1.869 | 1.951 | 3.400 | 0.526 | 3.382 | 60.02 | 61.05 | 61.91 | 59.51 | 60.07 | 59.66 | 25.385 | 0.343 |
| 6/7/2025 12:20 | 1.197 | 1.873 | 1.952 | 3.404 | 0.503 | 3.390 | 60.02 | 61.05 | 61.91 | 59.51 | 60.14 | 59.65 | 25.364 | 0.343 |
| 6/7/2025 12:30 | 1.136 | 1.879 | 1.955 | 3.410 | 0.503 | 3.398 | 60.20 | 61.05 | 61.91 | 59.51 | 60.23 | 59.64 | 25.280 | 0.344 |
| 6/7/2025 12:40 | 1.075 | 1.877 | 1.952 | 3.408 | 0.490 | 3.384 | 60.20 | 61.05 | 61.91 | 59.51 | 60.28 | 59.63 | 25.158 | 0.344 |
| 6/7/2025 12:50 | 1.013 | 1.862 | 1.945 | 3.397 | 0.473 | 3.384 | 60.37 | 61.05 | 61.91 | 59.51 | 60.33 | 59.62 | 24.830 | 0.345 |
| 6/7/2025 13:00 | 0.968 | 1.868 | 1.948 | 3.399 | 0.481 | 3.389 | 60.37 | 61.05 | 61.91 | 59.51 | 60.34 | 59.62 | 24.586 | 0.346 |
| 6/7/2025 13:10 | 0.913 | 1.856 | 1.933 | 3.395 | 0.466 | 3.376 | 60.54 | 61.05 | 61.91 | 59.51 | 60.36 | 59.61 | 24.234 | 0.347 |
| 6/7/2025 13:20 | 0.873 | 1.852 | 1.925 | 3.379 | 0.462 | 3.366 | 60.54 | 61.05 | 61.91 | 59.51 | 60.38 | 59.60 | 23.990 | 0.347 |
| 6/7/2025 13:30 | 0.838 | 1.852 | 1.932 | 3.383 | 0.456 | 3.384 | 60.71 | 61.05 | 61.91 | 59.51 | 60.38 | 59.59 | 23.799 | 0.347 |
| 6/7/2025 13:40 | 0.806 | 1.859 | 1.936 | 3.386 | 0.464 | 3.386 | 60.71 | 61.05 | 61.91 | 59.51 | 60.39 | 59.58 | 23.540 | 0.346 |
| 6/7/2025 13:50 | 0.775 | 1.848 | 1.929 | 3.379 | 0.454 | 3.388 | 60.88 | 61.05 | 62.08 | 59.51 | 60.42 | 59.57 | 23.282 | 0.346 |
| 6/7/2025 14:00 | 0.741 | 1.850 | 1.927 | 3.384 | 0.447 | 3.378 | 60.88 | 61.05 | 62.08 | 59.51 | 60.47 | 59.56 | 22.995 | 0.346 |
| 6/7/2025 14:10 | 0.724 | 1.848 | 1.919 | 3.382 | 0.447 | 3.374 | 60.88 | 61.05 | 62.25 | 59.51 | 60.52 | 59.55 | 22.662 | 0.346 |
| 6/7/2025 14:20 | 0.698 | 1.845 | 1.924 | 3.388 | 0.449 | 3.373 | 60.88 | 61.05 | 62.25 | 59.51 | 60.55 | 59.55 | 22.383 | 0.345 |
| 6/7/2025 14:30 | 0.674 | 1.842 | 1.922 | 3.384 | 0.444 | 3.382 | 60.88 | 61.05 | 62.25 | 59.51 | 60.56 | 59.55 | 22.064 | 0.361 |
| 6/7/2025 14:40 | 0.660 | 1.845 | 1.924 | 3.383 | 0.454 | 3.378 | 60.88 | 61.23 | 62.25 | 59.51 | 60.56 | 59.53 | 21.912 | 0.385 |
| 6/7/2025 14:50 | 0.642 | 1.846 | 1.930 | 3.383 | 0.455 | 3.378 | 61.05 | 61.23 | 62.43 | 59.51 | 60.57 | 59.53 | 21.465 | 0.383 |
| 6/7/2025 15:00 | 0.629 | 1.848 | 1.921 | 3.393 | 0.460 | 3.389 | 61.05 | 61.23 | 62.43 | 59.51 | 60.60 | 59.52 | 21.204 | 0.381 |
| 6/7/2025 15:10 | 0.613 | 1.843 | 1.925 | 3.385 | 0.450 | 3.379 | 61.23 | 61.23 | 62.60 | 59.51 | 60.63 | 59.51 | 20.907 | 0.380 |
| 6/7/2025 15:20 | 0.608 | 1.846 | 1.923 | 3.391 | 0.457 | 3.382 | 61.40 | 61.23 | 62.60 | 59.51 | 60.69 | 59.51 | 20.537 | 0.378 |
| 6/7/2025 15:30 | 0.596 | 1.849 | 1.926 | 3.390 | 0.456 | 3.382 | 61.40 | 61.23 | 62.77 | 59.51 | 60.76 | 59.50 | 20.120 | 0.377 |
| 6/7/2025 15:40 | 0.574 | 1.852 | 1.931 | 3.397 | 0.449 | 3.397 | 61.40 | 61.23 | 62.77 | 59.51 | 60.79 | 59.49 | 19.626 | 0.376 |
| 6/7/2025 15:50 | 0.581 | 1.854 | 1.940 | 3.403 | 0.462 | 3.454 | 61.40 | 61.23 | 62.77 | 59.51 | 60.83 | 59.49 | 19.111 | 0.374 |
| 6/7/2025 16:00 | 0.567 | 1.856 | 1.946 | 3.402 | 0.461 | 3.474 | 61.40 | 61.23 | 62.77 | 59.51 | 60.85 | 59.49 | 18.569 | 0.373 |
| 6/7/2025 16:10 | 0.558 | 1.859 | 1.949 | 3.409 | 0.476 | 3.468 | 61.40 | 61.23 | 62.77 | 59.51 | 60.85 | 59.49 | 18.143 | 0.371 |
| 6/7/2025 16:20 | 0.550 | 1.867 | 1.941 | 3.404 | 0.474 | 3.446 | 61.40 | 61.23 | 62.77 | 59.51 | 60.85 | 59.50 | 17.141 | 0.369 |
| 6/7/2025 16:30 | 0.547 | 1.863 | 1.938 | 3.404 | 0.473 | 3.444 | 61.40 | 61.23 | 62.77 | 59.51 | 60.88 | 59.51 | 17.405 | 0.367 |
| 6/7/2025 16:40 | 0.529 | 1.861 | 1.939 | 3.409 | 0.465 | 3.430 | 61.57 | 61.40 | 62.77 | 59.51 | 60.92 | 59.51 | 17.128 | 0.365 |
| 6/7/2025 16:50 | 0.528 | 1.864 | 1.943 | 3.409 | 0.466 | 3.416 | 61.40 | 61.40 | 62.77 | 59.51 | 60.99 | 59.52 | 16.620 | 0.364 |
| 6/7/2025 17:00 | 0.531 | 1.872 | 1.953 | 3.421 | 0.477 | 3.425 | 61.40 | 61.40 | 62.60 | 59.51 | 60.99 | 59.55 | 16.334 | 0.361 |
| 6/7/2025 17:10 | 0.520 | 1.868 | 1.942 | 3.421 | 0.467 | 3.421 | 61.40 | 61.40 | 62.60 | 59.51 | 60.99 | 59.58 | 16.385 | 0.359 |
| 6/7/2025 17:20 | 0.515 | 1.860 | 1.942 | 3.420 | 0.467 | 3.418 | 61.40 | 61.40 | 62.60 | 59.51 | 61.00 | 59.61 | 16.059 | 0.357 |
| 6/7/2025 17:30 | 0.511 | 1.868 | 1.948 | 3.420 | 0.466 | 3.426 | 61.40 | 61.40 | 62.43 | 59.51 | 60.99 | 59.66 | 15.685 | 0.355 |
| 6/7/2025 17:40 | 0.507 | 1.868 | 1.948 | 3.417 | 0.467 | 3.422 | 61.23 | 61.40 | 62.43 | 59.51 | 60.97 | 59.70 | 15.472 | 0.353 |
| 6/7/2025 17:50 | 0.510 | 1.876 | 1.962 | 3.424 | 0.480 | 3.432 | 61.23 | 61.40 | 62.25 | 59.51 | 60.97 | 59.74 | 15.390 | 0.352 |
| 6/7/2025 18:00 | 0.504 | 1.873 | 1.955 | 3.414 | 0.474 | 3.441 | 61.23 | 61.40 | 62.25 | 59.51 | 60.98 | 59.77 | 15.461 | 0.350 |
| 6/7/2025 18:10 | 0.507 | 1.880 | 1.962 | 3.429 | 0.481 | 3.439 | 61.05 | 61.40 | 62.08 | 59.51 | 60.98 | 59.82 | 15.501 | 0.349 |
| 6/7/2025 18:20 | 0.495 | 1.876 | 1.951 | 3.417 | 0.474 | 3.427 | 61.05 | 61.40 | 62.08 | 59.51 | 60.96 | 59.84 | 15.452 | 0.348 |
| 6/7/2025 18:30 | 0.494 | 1.872 | 1.954 | 3.409 | 0.475 | 3.416 | 60.88 | 61.40 | 62.08 | 59.51 | 60.95 | 59.86 | 15.455 | 0.348 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/7/2025 18:40 | 0.522 | 1.880 | 1.954 | 3.417 | 0.479 | 3.411 | 60.88 | 61.40 | 61.91 | 59.51 | 60.92 | 59.88 | 15.326 | 0.348 |
| 6/7/2025 18:50 | 0.636 | 1.884 | 1.969 | 3.425 | 0.477 | 3.409 | 60.88 | 61.40 | 61.91 | 59.51 | 60.87 | 59.90 | 15.365 | 0.348 |
| 6/7/2025 19:00 | 0.778 | 1.896 | 1.965 | 3.425 | 0.485 | 3.420 | 60.71 | 61.40 | 61.91 | 59.51 | 60.87 | 59.91 | 15.181 | 0.348 |
| 6/7/2025 19:10 | 0.972 | 1.893 | 1.966 | 3.415 | 0.489 | 3.407 | 60.71 | 61.40 | 61.74 | 59.51 | 60.86 | 59.93 | 14.981 | 0.348 |
| 6/7/2025 19:20 | 1.174 | 1.894 | 1.970 | 3.423 | 0.489 | 3.407 | 60.71 | 61.40 | 61.74 | 59.51 | 60.82 | 59.95 | 13.864 | 0.348 |
| 6/7/2025 19:30 | 1.395 | 1.894 | 1.970 | 3.420 | 0.522 | 3.403 | 60.71 | 61.40 | 61.74 | 59.51 | 60.77 | 59.97 | 15.098 | 0.348 |
| 6/7/2025 19:40 | 1.744 | 1.887 | 1.966 | 3.409 | 0.721 | 3.393 | 60.71 | 61.40 | 61.57 | 59.51 | 60.72 | 60.00 | 15.034 | 0.347 |
| 6/7/2025 19:50 | 2.058 | 1.994 | 2.017 | 3.413 | 0.992 | 3.396 | 60.54 | 61.23 | 61.57 | 59.51 | 60.78 | 60.03 | 18.170 | 0.347 |
| 6/7/2025 20:00 | 2.366 | 2.201 | 2.218 | 3.416 | 1.222 | 3.400 | 60.54 | 61.23 | 61.57 | 59.51 | 60.68 | 60.05 | 21.881 | 0.347 |
| 6/7/2025 20:10 | 2.729 | 2.401 | 2.416 | 3.414 | 1.423 | 3.400 | 60.20 | 61.23 | 61.57 | 59.51 | 60.55 | 60.08 | 23.998 | 0.347 |
| 6/7/2025 20:20 | 2.976 | 2.582 | 2.607 | 3.418 | 1.611 | 3.411 | 60.37 | 61.23 | 61.57 | 59.51 | 60.43 | 60.10 | 25.247 | 0.346 |
| 6/7/2025 20:30 | 3.238 | 2.752 | 2.769 | 3.404 | 1.770 | 3.398 | 60.37 | 61.23 | 61.57 | 59.51 | 60.30 | 60.12 | 25.937 | 0.346 |
| 6/7/2025 20:40 | 3.519 | 2.922 | 2.934 | 3.413 | 1.936 | 3.397 | 60.20 | 61.23 | 61.57 | 59.51 | 60.20 | 60.15 | 26.330 | 0.345 |
| 6/7/2025 20:50 | 3.622 | 3.072 | 3.077 | 3.418 | 2.088 | 3.404 | 60.20 | 61.23 | 61.57 | 59.51 | 60.10 | 60.17 | 26.597 | 0.344 |
| 6/7/2025 21:00 | 3.790 | 3.212 | 3.209 | 3.419 | 2.208 | 3.403 | 60.20 | 61.23 | 61.40 | 59.51 | 60.07 | 60.19 | 26.696 | 0.343 |
| 6/7/2025 21:10 | 3.875 | 3.324 | 3.316 | 3.436 | 2.327 | 3.399 | 60.37 | 61.23 | 61.57 | 59.51 | 60.06 | 60.19 | 26.748 | 0.343 |
| 6/7/2025 21:20 | 3.859 | 3.423 | 3.418 | 3.478 | 2.420 | 3.392 | 60.37 | 61.05 | 61.40 | 59.51 | 60.02 | 60.19 | 26.823 | 0.342 |
| 6/7/2025 21:30 | 3.943 | 3.489 | 3.495 | 3.541 | 2.493 | 3.395 | 60.37 | 61.05 | 61.40 | 59.51 | 59.95 | 60.18 | 26.899 | 0.341 |
| 6/7/2025 21:40 | 3.884 | 3.547 | 3.555 | 3.589 | 2.563 | 3.402 | 60.37 | 61.05 | 61.40 | 59.51 | 59.93 | 60.18 | 26.929 | 0.341 |
| 6/7/2025 21:50 | 3.889 | 3.602 | 3.606 | 3.644 | 2.605 | 3.395 | 60.37 | 60.88 | 61.40 | 59.51 | 59.90 | 60.16 | 26.973 | 0.340 |
| 6/7/2025 22:00 | 3.874 | 3.637 | 3.651 | 3.683 | 2.648 | 3.401 | 60.37 | 60.88 | 61.40 | 59.51 | 59.89 | 60.14 | 26.972 | 0.340 |
| 6/7/2025 22:10 | 3.791 | 3.680 | 3.691 | 3.711 | 2.683 | 3.399 | 60.37 | 60.88 | 61.40 | 59.51 | 59.89 | 60.13 | 26.993 | 0.339 |
| 6/7/2025 22:20 | 3.697 | 3.714 | 3.721 | 3.743 | 2.715 | 3.394 | 60.37 | 60.88 | 61.40 | 59.51 | 59.88 | 60.11 | 26.968 | 0.339 |
| 6/7/2025 22:30 | 3.630 | 3.692 | 3.706 | 3.762 | 2.703 | 3.399 | 60.37 | 60.88 | 61.23 | 59.51 | 59.84 | 60.09 | 27.015 | 0.338 |
| 6/7/2025 22:40 | 3.491 | 3.641 | 3.655 | 3.746 | 2.609 | 3.396 | 60.37 | 60.71 | 61.23 | 59.51 | 59.84 | 60.07 | 27.026 | 0.338 |
| 6/7/2025 22:50 | 3.372 | 3.526 | 3.541 | 3.711 | 2.502 | 3.399 | 60.37 | 60.71 | 61.23 | 59.51 | 59.86 | 60.05 | 27.033 | 0.338 |
| 6/7/2025 23:00 | 3.175 | 3.369 | 3.391 | 3.661 | 2.324 | 3.393 | 60.37 | 60.71 | 61.23 | 59.51 | 59.90 | 60.03 | 27.033 | 0.337 |
| 6/7/2025 23:10 | 2.973 | 3.176 | 3.211 | 3.606 | 2.131 | 3.404 | 60.37 | 60.71 | 60.88 | 59.51 | 59.95 | 60.00 | 27.051 | 0.337 |
| 6/7/2025 23:20 | 2.799 | 2.980 | 3.013 | 3.536 | 1.945 | 3.393 | 60.37 | 60.71 | 60.71 | 59.51 | 59.98 | 59.98 | 27.061 | 0.337 |
| 6/7/2025 23:30 | 2.591 | 2.790 | 2.835 | 3.491 | 1.756 | 3.400 | 60.37 | 60.71 | 60.71 | 59.51 | 60.00 | 59.96 | 27.058 | 0.336 |
| 6/7/2025 23:40 | 2.406 | 2.607 | 2.649 | 3.453 | 1.550 | 3.400 | 60.20 | 60.71 | 60.71 | 59.51 | 60.01 | 59.94 | 27.048 | 0.336 |
| 6/7/2025 23:50 | 2.249 | 2.446 | 2.488 | 3.446 | 1.384 | 3.398 | 60.20 | 60.71 | 60.71 | 59.51 | 60.01 | 59.91 | 27.042 | 0.335 |
| 6/8/2025 0:00 | 2.064 | 2.293 | 2.341 | 3.423 | 1.208 | 3.391 | 60.20 | 60.71 | 60.54 | 59.51 | 60.03 | 59.89 | 26.905 | 0.335 |
| 6/8/2025 0:10 | 1.909 | 2.162 | 2.213 | 3.418 | 1.057 | 3.393 | 60.20 | 60.71 | 60.54 | 59.51 | 60.03 | 59.87 | 26.976 | 0.335 |
| 6/8/2025 0:20 | 1.782 | 2.059 | 2.122 | 3.418 | 0.923 | 3.402 | 60.02 | 60.71 | 60.54 | 59.51 | 60.02 | 59.85 | 26.957 | 0.334 |
| 6/8/2025 0:30 | 1.664 | 1.982 | 2.053 | 3.411 | 0.809 | 3.404 | 60.02 | 60.54 | 60.37 | 59.51 | 60.00 | 59.83 | 26.906 | 0.334 |
| 6/8/2025 0:40 | 1.554 | 1.940 | 2.016 | 3.407 | 0.715 | 3.398 | 60.02 | 60.54 | 60.37 | 59.51 | 59.98 | 59.82 | 26.764 | 0.334 |
| 6/8/2025 0:50 | 1.471 | 1.918 | 1.991 | 3.415 | 0.645 | 3.394 | 60.02 | 60.54 | 60.20 | 59.51 | 59.95 | 59.80 | 26.665 | 0.333 |
| 6/8/2025 1:00 | 1.380 | 1.910 | 1.988 | 3.408 | 0.583 | 3.404 | 59.85 | 60.54 | 60.20 | 59.51 | 59.91 | 59.78 | 26.482 | 0.333 |
| 6/8/2025 1:10 | 1.302 | 1.900 | 1.974 | 3.404 | 0.544 | 3.403 | 59.85 | 60.54 | 60.20 | 59.51 | 59.85 | 59.77 | 26.303 | 0.333 |
| 6/8/2025 1:20 | 1.236 | 1.896 | 1.970 | 3.413 | 0.513 | 3.400 | 59.85 | 60.54 | 60.02 | 59.51 | 59.80 | 59.76 | 26.144 | 0.333 |
| 6/8/2025 1:30 | 1.166 | 1.889 | 1.963 | 3.406 | 0.506 | 3.399 | 59.85 | 60.37 | 60.02 | 59.51 | 59.74 | 59.74 | 26.080 | 0.333 |
| 6/8/2025 1:40 | 1.110 | 1.890 | 1.964 | 3.403 | 0.492 | 3.409 | 59.68 | 60.37 | 60.02 | 59.51 | 59.67 | 59.73 | 25.998 | 0.332 |
| 6/8/2025 1:50 | 1.056 | 1.890 | 1.959 | 3.402 | 0.487 | 3.401 | 59.68 | 60.37 | 59.85 | 59.34 | 59.61 | 59.71 | 25.667 | 0.332 |
| 6/8/2025 2:00 | 1.017 | 1.887 | 1.964 | 3.407 | 0.482 | 3.402 | 59.68 | 60.37 | 59.85 | 59.34 | 59.54 | 59.70 | 25.869 | 0.332 |
| 6/8/2025 2:10 | 0.969 | 1.891 | 1.963 | 3.407 | 0.489 | 3.406 | 59.51 | 60.37 | 59.68 | 59.34 | 59.48 | 59.69 | 25.774 | 0.332 |
| 6/8/2025 2:20 | 0.922 | 1.880 | 1.953 | 3.400 | 0.480 | 3.400 | 59.51 | 60.37 | 59.68 | 59.34 | 59.41 | 59.67 | 25.685 | 0.332 |
| 6/8/2025 2:30 | 0.901 | 1.891 | 1.960 | 3.411 | 0.492 | 3.407 | 59.34 | 60.20 | 59.68 | 59.34 | 59.35 | 59.66 | 25.575 | 0.332 |
| 6/8/2025 2:40 | 0.859 | 1.888 | 1.960 | 3.408 | 0.495 | 3.401 | 59.34 | 60.20 | 59.51 | 59.34 | 59.28 | 59.64 | 25.501 | 0.332 |
| 6/8/2025 2:50 | 0.831 | 1.884 | 1.953 | 3.409 | 0.491 | 3.398 | 59.16 | 60.20 | 59.51 | 59.34 | 59.21 | 59.62 | 25.360 | 0.332 |
| 6/8/2025 3:00 | 0.797 | 1.877 | 1.949 | 3.402 | 0.477 | 3.396 | 59.16 | 60.20 | 59.34 | 59.34 | 59.15 | 59.61 | 25.286 | 0.346 |
| 6/8/2025 3:10 | 0.780 | 1.877 | 1.953 | 3.410 | 0.485 | 3.406 | 58.99 | 60.20 | 59.34 | 59.34 | 59.09 | 59.60 | 25.088 | 0.340 |
| 6/8/2025 3:20 | 0.749 | 1.877 | 1.949 | 3.406 | 0.478 | 3.405 | 58.99 | 60.02 | 59.34 | 59.34 | 59.03 | 59.58 | 24.950 | 0.344 |
| 6/8/2025 3:30 | 0.729 | 1.874 | 1.942 | 3.402 | 0.475 | 3.406 | 58.82 | 60.02 | 59.16 | 59.34 | 58.97 | 59.56 | 24.810 | 0.347 |
| 6/8/2025 3:40 | 0.706 | 1.874 | 1.949 | 3.399 | 0.475 | 3.403 | 58.82 | 60.02 | 59.16 | 59.34 | 58.91 | 59.54 | 24.738 | 0.348 |
| 6/8/2025 3:50 | 0.678 | 1.867 | 1.928 | 3.392 | 0.462 | 3.396 | 58.65 | 60.02 | 59.16 | 59.34 | 58.85 | 59.53 | 24.591 | 0.348 |
| 6/8/2025 4:00 | 0.666 | 1.867 | 1.931 | 3.395 | 0.466 | 3.397 | 58.65 | 60.02 | 58.99 | 59.34 | 58.80 | 59.52 | 24.466 | 0.348 |
| 6/8/2025 4:10 | 0.651 | 1.866 | 1.931 | 3.392 | 0.471 | 3.397 | 58.65 | 59.85 | 58.99 | 59.34 | 58.74 | 59.50 | 24.285 | 0.349 |
| 6/8/2025 4:20 | 0.638 | 1.866 | 1.935 | 3.399 | 0.472 | 3.395 | 58.48 | 59.85 | 58.99 | 59.34 | 58.68 | 59.48 | 23.997 | 0.349 |
| 6/8/2025 4:30 | 0.619 | 1.856 | 1.931 | 3.400 | 0.463 | 3.403 | 58.48 | 59.85 | 58.99 | 59.34 | 58.63 | 59.46 | 23.810 | 0.349 |
| 6/8/2025 4:40 | 0.607 | 1.860 | 1.927 | 3.400 | 0.466 | 3.409 | 58.30 | 59.85 | 58.82 | 59.34 | 58.57 | 59.45 | 23.366 | 0.349 |
| 6/8/2025 4:50 | 0.596 | 1.856 | 1.928 | 3.382 | 0.455 | 3.398 | 58.30 | 59.68 | 58.82 | 59.34 | 58.52 | 59.43 | 23.127 | 0.349 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/8/2025 5:00 | 0.588 | 1.856 | 1.924 | 3.386 | 0.458 | 3.398 | 58.30 | 59.68 | 58.82 | 59.34 | 58.46 | 59.42 | 22.778 | 0.349 |
| 6/8/2025 5:10 | 0.580 | 1.856 | 1.935 | 3.398 | 0.470 | 3.405 | 58.13 | 59.68 | 58.65 | 59.34 | 58.41 | 59.40 | 22.684 | 0.349 |
| 6/8/2025 5:20 | 0.565 | 1.857 | 1.938 | 3.390 | 0.462 | 3.403 | 58.13 | 59.68 | 58.65 | 59.16 | 58.35 | 59.39 | 22.219 | 0.349 |
| 6/8/2025 5:30 | 0.560 | 1.853 | 1.931 | 3.386 | 0.466 | 3.399 | 57.96 | 59.68 | 58.65 | 59.16 | 58.31 | 59.38 | 21.923 | 0.349 |
| 6/8/2025 5:40 | 0.549 | 1.853 | 1.930 | 3.386 | 0.457 | 3.404 | 57.96 | 59.51 | 58.65 | 59.16 | 58.26 | 59.37 | 21.456 | 0.350 |
| 6/8/2025 5:50 | 0.537 | 1.853 | 1.926 | 3.390 | 0.457 | 3.399 | 57.96 | 59.51 | 58.48 | 59.16 | 58.21 | 59.37 | 21.060 | 0.350 |
| 6/8/2025 6:00 | 0.528 | 1.844 | 1.924 | 3.385 | 0.446 | 3.393 | 57.79 | 59.51 | 58.48 | 59.16 | 58.17 | 59.35 | 20.498 | 0.350 |
| 6/8/2025 6:10 | 0.519 | 1.843 | 1.912 | 3.388 | 0.450 | 3.392 | 57.79 | 59.51 | 58.48 | 59.16 | 58.12 | 59.34 | 20.156 | 0.350 |
| 6/8/2025 6:20 | 0.518 | 1.846 | 1.911 | 3.391 | 0.459 | 3.393 | 57.79 | 59.51 | 58.48 | 59.16 | 58.08 | 59.33 | 19.716 | 0.350 |
| 6/8/2025 6:30 | 0.514 | 1.849 | 1.914 | 3.383 | 0.451 | 3.391 | 57.79 | 59.34 | 58.48 | 59.16 | 58.05 | 59.32 | 19.745 | 0.350 |
| 6/8/2025 6:40 | 0.497 | 1.840 | 1.902 | 3.378 | 0.448 | 3.382 | 57.79 | 59.34 | 58.48 | 59.16 | 58.01 | 59.31 | 19.545 | 0.350 |
| 6/8/2025 6:50 | 0.484 | 1.835 | 1.907 | 3.377 | 0.440 | 3.377 | 57.79 | 59.34 | 58.48 | 59.16 | 57.98 | 59.30 | 19.436 | 0.350 |
| 6/8/2025 7:00 | 0.490 | 1.841 | 1.902 | 3.379 | 0.450 | 3.378 | 57.79 | 59.34 | 58.48 | 59.16 | 57.96 | 59.28 | 19.274 | 0.350 |
| 6/8/2025 7:10 | 0.485 | 1.848 | 1.913 | 3.386 | 0.449 | 3.381 | 57.61 | 59.34 | 58.65 | 59.16 | 57.93 | 59.27 | 19.080 | 0.350 |
| 6/8/2025 7:20 | 0.483 | 1.837 | 1.909 | 3.383 | 0.447 | 3.381 | 57.79 | 59.34 | 58.65 | 59.16 | 57.92 | 59.26 | 19.013 | 0.350 |
| 6/8/2025 7:30 | 0.473 | 1.838 | 1.907 | 3.389 | 0.441 | 3.384 | 57.79 | 59.16 | 58.65 | 59.16 | 57.91 | 59.26 | 18.818 | 0.350 |
| 6/8/2025 7:40 | 0.466 | 1.827 | 1.896 | 3.373 | 0.436 | 3.374 | 57.96 | 59.16 | 58.82 | 59.16 | 57.91 | 59.25 | 18.634 | 0.350 |
| 6/8/2025 7:50 | 0.491 | 1.832 | 1.909 | 3.382 | 0.440 | 3.392 | 58.13 | 59.16 | 58.99 | 59.16 | 57.90 | 59.24 | 18.596 | 0.350 |
| 6/8/2025 8:00 | 0.626 | 1.832 | 1.906 | 3.378 | 0.444 | 3.379 | 58.30 | 59.16 | 59.16 | 58.99 | 57.91 | 59.24 | 18.484 | 0.350 |
| 6/8/2025 8:10 | 0.746 | 1.841 | 1.912 | 3.383 | 0.447 | 3.396 | 58.30 | 59.16 | 59.34 | 58.99 | 57.92 | 59.23 | 18.247 | 0.350 |
| 6/8/2025 8:20 | 0.878 | 1.819 | 1.895 | 3.365 | 0.428 | 3.372 | 58.30 | 59.16 | 59.51 | 58.99 | 57.94 | 59.23 | 18.267 | 0.350 |
| 6/8/2025 8:30 | 1.085 | 1.825 | 1.898 | 3.375 | 0.441 | 3.393 | 58.30 | 59.16 | 59.68 | 58.99 | 57.97 | 59.22 | 18.365 | 0.351 |
| 6/8/2025 8:40 | 1.258 | 1.821 | 1.891 | 3.374 | 0.439 | 3.379 | 58.48 | 59.16 | 59.85 | 58.99 | 58.00 | 59.22 | 18.440 | 0.351 |
| 6/8/2025 8:50 | 1.448 | 1.826 | 1.896 | 3.368 | 0.499 | 3.382 | 58.99 | 59.16 | 60.20 | 58.99 | 58.04 | 59.21 | 18.461 | 0.351 |
| 6/8/2025 9:00 | 1.703 | 1.816 | 1.888 | 3.366 | 0.713 | 3.369 | 59.16 | 59.16 | 60.37 | 58.99 | 58.07 | 59.21 | 18.654 | 0.351 |
| 6/8/2025 9:10 | 1.949 | 1.902 | 1.938 | 3.359 | 0.925 | 3.370 | 59.34 | 59.16 | 60.71 | 58.99 | 58.67 | 59.21 | 22.156 | 0.352 |
| 6/8/2025 9:20 | 2.162 | 2.077 | 2.102 | 3.367 | 1.100 | 3.370 | 59.34 | 59.16 | 60.88 | 58.99 | 59.06 | 59.21 | 24.283 | 0.352 |
| 6/8/2025 9:30 | 2.342 | 2.239 | 2.258 | 3.368 | 1.267 | 3.364 | 59.51 | 59.16 | 61.23 | 58.99 | 59.15 | 59.21 | 25.342 | 0.354 |
| 6/8/2025 9:40 | 2.584 | 2.390 | 2.410 | 3.373 | 1.413 | 3.370 | 59.68 | 59.16 | 61.57 | 58.99 | 59.00 | 59.21 | 26.130 | 0.356 |
| 6/8/2025 9:50 | 2.708 | 2.503 | 2.533 | 3.363 | 1.526 | 3.372 | 59.68 | 59.34 | 61.74 | 58.99 | 58.84 | 59.21 | 26.613 | 0.358 |
| 6/8/2025 10:00 | 2.855 | 2.626 | 2.641 | 3.363 | 1.642 | 3.375 | 59.68 | 59.34 | 62.08 | 58.99 | 58.94 | 59.22 | 26.692 | 0.361 |
| 6/8/2025 10:10 | 2.783 | 2.724 | 2.734 | 3.361 | 1.727 | 3.369 | 59.85 | 59.51 | 62.25 | 58.99 | 59.04 | 59.23 | 26.725 | 0.364 |
| 6/8/2025 10:20 | 2.852 | 2.807 | 2.824 | 3.355 | 1.813 | 3.368 | 60.02 | 59.68 | 62.60 | 58.99 | 59.14 | 59.23 | 26.712 | 0.368 |
| 6/8/2025 10:30 | 2.850 | 2.866 | 2.875 | 3.368 | 1.882 | 3.371 | 60.20 | 59.85 | 62.94 | 58.99 | 59.24 | 59.24 | 26.704 | 0.372 |
| 6/8/2025 10:40 | 2.770 | 2.853 | 2.882 | 3.363 | 1.847 | 3.364 | 60.37 | 59.85 | 63.46 | 58.99 | 59.30 | 59.24 | 26.707 | 0.375 |
| 6/8/2025 10:50 | 2.741 | 2.804 | 2.799 | 3.360 | 1.816 | 3.367 | 60.54 | 59.68 | 63.63 | 58.99 | 59.36 | 59.25 | 26.682 | 0.378 |
| 6/8/2025 11:00 | 2.637 | 2.776 | 2.818 | 3.370 | 1.764 | 3.376 | 60.54 | 59.85 | 63.97 | 58.99 | 59.42 | 59.26 | 26.693 | 0.381 |
| 6/8/2025 11:10 | 2.577 | 2.687 | 2.719 | 3.369 | 1.675 | 3.370 | 60.71 | 59.85 | 64.14 | 58.99 | 59.47 | 59.27 | 26.662 | 0.386 |
| 6/8/2025 11:20 | 2.428 | 2.549 | 2.577 | 3.357 | 1.526 | 3.359 | 60.88 | 59.85 | 64.48 | 58.82 | 59.50 | 59.28 | 26.667 | 0.389 |
| 6/8/2025 11:30 | 2.283 | 2.450 | 2.466 | 3.365 | 1.419 | 3.373 | 60.88 | 59.85 | 64.65 | 58.82 | 59.54 | 59.28 | 26.664 | 0.393 |
| 6/8/2025 11:40 | 2.171 | 2.318 | 2.351 | 3.355 | 1.300 | 3.363 | 61.05 | 60.02 | 65.00 | 58.82 | 59.58 | 59.30 | 26.666 | 0.398 |
| 6/8/2025 11:50 | 2.032 | 2.210 | 2.251 | 3.371 | 1.183 | 3.377 | 61.05 | 60.02 | 65.17 | 58.82 | 59.62 | 59.31 | 26.665 | 0.403 |
| 6/8/2025 12:00 | 1.916 | 2.108 | 2.154 | 3.372 | 1.058 | 3.378 | 61.23 | 60.20 | 65.51 | 58.82 | 59.67 | 59.32 | 26.686 | 0.409 |
| 6/8/2025 12:10 | 1.764 | 2.007 | 2.056 | 3.366 | 0.939 | 3.380 | 61.23 | 60.20 | 65.85 | 58.82 | 59.74 | 59.32 | 26.675 | 0.417 |
| 6/8/2025 12:20 | 1.636 | 1.924 | 1.977 | 3.363 | 0.817 | 3.370 | 61.57 | 60.37 | 66.19 | 58.82 | 59.83 | 59.33 | 26.702 | 0.428 |
| 6/8/2025 12:30 | 1.524 | 1.873 | 1.926 | 3.365 | 0.708 | 3.372 | 61.74 | 60.54 | 66.54 | 58.82 | 59.99 | 59.34 | 26.748 | 0.440 |
| 6/8/2025 12:40 | 1.423 | 1.828 | 1.889 | 3.362 | 0.623 | 3.366 | 61.91 | 60.71 | 67.05 | 58.82 | 60.27 | 59.35 | 26.837 | 0.453 |
| 6/8/2025 12:50 | 1.339 | 1.821 | 1.880 | 3.363 | 0.551 | 3.377 | 62.25 | 60.88 | 67.39 | 58.82 | 60.60 | 59.36 | 26.914 | 0.467 |
| 6/8/2025 13:00 | 1.256 | 1.806 | 1.865 | 3.359 | 0.498 | 3.369 | 62.43 | 61.05 | 67.56 | 58.82 | 60.93 | 59.37 | 26.900 | 0.480 |
| 6/8/2025 13:10 | 1.170 | 1.799 | 1.855 | 3.355 | 0.466 | 3.356 | 62.77 | 61.23 | 67.91 | 58.99 | 61.26 | 59.38 | 26.883 | 0.492 |
| 6/8/2025 13:20 | 1.098 | 1.792 | 1.849 | 3.341 | 0.440 | 3.349 | 63.11 | 61.40 | 68.08 | 58.99 | 61.54 | 59.40 | 26.832 | 0.498 |
| 6/8/2025 13:30 | 1.046 | 1.798 | 1.853 | 3.350 | 0.439 | 3.363 | 63.46 | 61.40 | 68.42 | 58.99 | 61.87 | 59.42 | 26.815 | 0.503 |
| 6/8/2025 13:40 | 0.991 | 1.791 | 1.846 | 3.346 | 0.431 | 3.363 | 63.80 | 61.74 | 68.59 | 58.99 | 62.19 | 59.43 | 26.749 | 0.508 |
| 6/8/2025 13:50 | 0.941 | 1.786 | 1.849 | 3.352 | 0.427 | 3.364 | 64.31 | 61.91 | 68.93 | 58.99 | 62.46 | 59.45 | 26.693 | 0.514 |
| 6/8/2025 14:00 | 0.902 | 1.789 | 1.857 | 3.355 | 0.434 | 3.364 | 64.65 | 62.08 | 69.11 | 58.99 | 62.74 | 59.46 | 26.641 | 0.519 |
| 6/8/2025 14:10 | 0.853 | 1.786 | 1.846 | 3.351 | 0.427 | 3.359 | 65.17 | 62.25 | 69.28 | 58.99 | 63.06 | 59.48 | 26.522 | 0.525 |
| 6/8/2025 14:20 | 0.815 | 1.787 | 1.851 | 3.352 | 0.426 | 3.372 | 65.34 | 62.43 | 69.45 | 58.99 | 63.36 | 59.51 | 26.458 | 0.530 |
| 6/8/2025 14:30 | 0.787 | 1.794 | 1.854 | 3.362 | 0.441 | 3.368 | 65.68 | 62.60 | 69.62 | 58.99 | 63.66 | 59.52 | 26.386 | 0.535 |
| 6/8/2025 14:40 | 0.749 | 1.783 | 1.855 | 3.354 | 0.431 | 3.371 | 66.02 | 62.77 | 69.79 | 58.99 | 63.94 | 59.54 | 26.301 | 0.539 |
| 6/8/2025 14:50 | 0.714 | 1.782 | 1.851 | 3.350 | 0.428 | 3.364 | 66.37 | 62.94 | 69.96 | 59.16 | 64.22 | 59.56 | 26.226 | 0.543 |
| 6/8/2025 15:00 | 0.695 | 1.787 | 1.851 | 3.350 | 0.424 | 3.371 | 66.71 | 63.11 | 69.96 | 59.16 | 64.46 | 59.58 | 26.171 | 0.546 |
| 6/8/2025 15:10 | 0.667 | 1.789 | 1.850 | 3.348 | 0.419 | 3.373 | 66.88 | 63.28 | 69.96 | 59.16 | 64.69 | 59.60 | 26.097 | 0.548 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/8/2025 15:20 | 0.650 | 1.783 | 1.847 | 3.346 | 0.421 | 3.384 | 67.22 | 63.46 | 69.96 | 59.16 | 64.93 | 59.62 | 25.957 | 0.550 |
| 6/8/2025 15:30 | 0.629 | 1.786 | 1.853 | 3.348 | 0.421 | 3.371 | 67.39 | 63.63 | 69.96 | 59.16 | 65.15 | 59.64 | 25.898 | 0.552 |
| 6/8/2025 15:40 | 0.606 | 1.776 | 1.854 | 3.352 | 0.423 | 3.372 | 67.39 | 63.80 | 69.96 | 59.16 | 65.37 | 59.66 | 25.791 | 0.553 |
| 6/8/2025 15:50 | 0.584 | 1.780 | 1.846 | 3.349 | 0.424 | 3.370 | 67.74 | 63.97 | 69.79 | 59.34 | 65.49 | 59.68 | 25.760 | 0.555 |
| 6/8/2025 16:00 | 0.572 | 1.784 | 1.846 | 3.349 | 0.428 | 3.376 | 67.91 | 63.97 | 69.79 | 59.34 | 65.57 | 59.69 | 25.753 | 0.556 |
| 6/8/2025 16:10 | 0.565 | 1.784 | 1.849 | 3.357 | 0.425 | 3.381 | 68.08 | 64.14 | 69.62 | 59.34 | 65.70 | 59.71 | 25.694 | 0.558 |
| 6/8/2025 16:20 | 0.572 | 1.804 | 1.872 | 3.380 | 0.446 | 3.398 | 68.08 | 64.31 | 69.62 | 59.34 | 65.85 | 59.74 | 25.717 | 0.559 |
| 6/8/2025 16:30 | 0.543 | 1.787 | 1.861 | 3.362 | 0.432 | 3.385 | 68.08 | 64.48 | 69.45 | 59.34 | 65.98 | 59.75 | 25.639 | 0.560 |
| 6/8/2025 16:40 | 0.530 | 1.791 | 1.864 | 3.366 | 0.436 | 3.391 | 68.08 | 64.48 | 69.28 | 59.34 | 66.07 | 59.77 | 25.605 | 0.561 |
| 6/8/2025 16:50 | 0.510 | 1.787 | 1.863 | 3.362 | 0.439 | 3.385 | 68.08 | 64.65 | 69.11 | 59.51 | 66.15 | 59.79 | 25.562 | 0.561 |
| 6/8/2025 17:00 | 0.502 | 1.787 | 1.854 | 3.358 | 0.427 | 3.375 | 68.08 | 64.65 | 68.76 | 59.51 | 66.19 | 59.81 | 25.517 | 0.562 |
| 6/8/2025 17:10 | 0.499 | 1.797 | 1.859 | 3.364 | 0.439 | 3.385 | 67.91 | 64.83 | 68.59 | 59.51 | 66.25 | 59.82 | 25.487 | 0.562 |
| 6/8/2025 17:20 | 0.484 | 1.789 | 1.851 | 3.360 | 0.435 | 3.384 | 67.91 | 64.83 | 68.42 | 59.51 | 66.24 | 59.84 | 25.432 | 0.563 |
| 6/8/2025 17:30 | 0.469 | 1.775 | 1.836 | 3.343 | 0.422 | 3.380 | 67.74 | 64.83 | 68.08 | 59.68 | 66.21 | 59.87 | 25.346 | 0.563 |
| 6/8/2025 17:40 | 0.466 | 1.782 | 1.845 | 3.349 | 0.422 | 3.380 | 67.39 | 65.00 | 67.91 | 59.68 | 66.18 | 59.89 | 25.291 | 0.564 |
| 6/8/2025 17:50 | 0.460 | 1.773 | 1.842 | 3.341 | 0.413 | 3.374 | 67.22 | 65.00 | 67.56 | 59.68 | 66.12 | 59.91 | 25.233 | 0.565 |
| 6/8/2025 18:00 | 0.455 | 1.773 | 1.844 | 3.348 | 0.422 | 3.372 | 67.05 | 65.00 | 67.22 | 59.68 | 66.05 | 59.92 | 25.196 | 0.566 |
| 6/8/2025 18:10 | 0.438 | 1.772 | 1.838 | 3.344 | 0.414 | 3.373 | 66.71 | 65.00 | 66.88 | 59.68 | 65.93 | 59.94 | 25.031 | 0.567 |
| 6/8/2025 18:20 | 0.428 | 1.775 | 1.835 | 3.340 | 0.412 | 3.374 | 66.54 | 65.00 | 66.54 | 59.85 | 65.83 | 59.96 | 24.779 | 0.567 |
| 6/8/2025 18:30 | 0.419 | 1.767 | 1.841 | 3.336 | 0.404 | 3.364 | 66.19 | 65.00 | 66.19 | 59.85 | 65.75 | 59.97 | 24.650 | 0.568 |
| 6/8/2025 18:40 | 0.421 | 1.774 | 1.838 | 3.335 | 0.408 | 3.372 | 65.85 | 65.00 | 65.85 | 59.85 | 65.60 | 59.99 | 26.302 | 0.568 |
| 6/8/2025 18:50 | 0.415 | 1.769 | 1.835 | 3.341 | 0.402 | 3.366 | 65.68 | 65.00 | 65.51 | 59.85 | 65.47 | 60.00 | 24.159 | 0.568 |
| 6/8/2025 19:00 | 0.411 | 1.767 | 1.833 | 3.341 | 0.403 | 3.371 | 65.34 | 65.00 | 65.34 | 60.02 | 65.34 | 60.04 | 23.924 | 0.568 |
| 6/8/2025 19:10 | 0.409 | 1.769 | 1.840 | 3.335 | 0.402 | 3.368 | 65.17 | 65.00 | 65.00 | 60.02 | 65.18 | 60.09 | 23.774 | 0.564 |
| 6/8/2025 19:20 | 0.412 | 1.765 | 1.835 | 3.336 | 0.401 | 3.374 | 64.83 | 64.83 | 64.65 | 60.02 | 65.03 | 60.11 | 23.519 | 0.553 |
| 6/8/2025 19:30 | 0.491 | 1.773 | 1.842 | 3.336 | 0.400 | 3.371 | 64.65 | 64.83 | 64.48 | 60.02 | 64.88 | 60.12 | 23.352 | 0.540 |
| 6/8/2025 19:40 | 0.604 | 1.764 | 1.832 | 3.338 | 0.402 | 3.371 | 64.65 | 64.83 | 64.14 | 60.02 | 64.73 | 60.11 | 23.130 | 0.532 |
| 6/8/2025 19:50 | 0.756 | 1.766 | 1.826 | 3.333 | 0.402 | 3.365 | 64.48 | 64.65 | 63.97 | 60.02 | 64.56 | 60.09 | 22.977 | 0.527 |
| 6/8/2025 20:00 | 0.958 | 1.764 | 1.822 | 3.340 | 0.397 | 3.367 | 64.31 | 64.65 | 63.63 | 60.20 | 64.41 | 60.06 | 22.766 | 0.524 |
| 6/8/2025 20:10 | 1.170 | 1.762 | 1.823 | 3.330 | 0.402 | 3.373 | 64.31 | 64.48 | 63.46 | 60.20 | 64.25 | 60.04 | 22.583 | 0.521 |
| 6/8/2025 20:20 | 1.467 | 1.756 | 1.824 | 3.332 | 0.471 | 3.367 | 64.14 | 64.48 | 63.28 | 60.20 | 64.08 | 60.02 | 22.373 | 0.519 |
| 6/8/2025 20:30 | 1.742 | 1.768 | 1.829 | 3.330 | 0.687 | 3.368 | 63.28 | 64.31 | 63.11 | 60.20 | 63.91 | 59.99 | 22.264 | 0.516 |
| 6/8/2025 20:40 | 2.076 | 1.862 | 1.879 | 3.331 | 0.881 | 3.371 | 62.60 | 64.31 | 62.77 | 60.20 | 63.56 | 59.97 | 23.397 | 0.515 |
| 6/8/2025 20:50 | 2.396 | 2.024 | 2.044 | 3.333 | 1.044 | 3.375 | 62.25 | 64.14 | 62.60 | 60.20 | 63.08 | 59.95 | 25.051 | 0.513 |
| 6/8/2025 21:00 | 2.655 | 2.186 | 2.198 | 3.331 | 1.204 | 3.361 | 61.40 | 64.14 | 62.43 | 60.20 | 62.76 | 59.92 | 25.747 | 0.512 |
| 6/8/2025 21:10 | 2.966 | 2.351 | 2.370 | 3.328 | 1.374 | 3.368 | 61.05 | 63.97 | 62.43 | 60.37 | 62.39 | 59.90 | 26.293 | 0.510 |
| 6/8/2025 21:20 | 3.291 | 2.506 | 2.531 | 3.329 | 1.534 | 3.364 | 60.71 | 63.97 | 62.25 | 60.37 | 61.86 | 59.88 | 26.583 | 0.509 |
| 6/8/2025 21:30 | 3.445 | 2.667 | 2.688 | 3.323 | 1.683 | 3.365 | 60.37 | 63.80 | 62.25 | 60.37 | 61.51 | 59.85 | 26.806 | 0.509 |
| 6/8/2025 21:40 | 3.615 | 2.817 | 2.827 | 3.319 | 1.825 | 3.358 | 60.37 | 63.63 | 62.25 | 60.37 | 61.25 | 59.83 | 27.183 | 0.508 |
| 6/8/2025 21:50 | 3.774 | 2.949 | 2.952 | 3.317 | 1.947 | 3.361 | 60.20 | 63.46 | 62.08 | 60.37 | 61.05 | 59.81 | 27.563 | 0.508 |
| 6/8/2025 22:00 | 3.781 | 3.082 | 3.073 | 3.325 | 2.077 | 3.368 | 60.02 | 63.11 | 62.08 | 60.37 | 60.86 | 59.79 | 27.764 | 0.507 |
| 6/8/2025 22:10 | 3.822 | 3.175 | 3.165 | 3.318 | 2.177 | 3.365 | 60.02 | 62.94 | 62.08 | 60.37 | 60.70 | 59.77 | 27.928 | 0.507 |
| 6/8/2025 22:20 | 3.901 | 3.274 | 3.261 | 3.334 | 2.263 | 3.365 | 59.85 | 62.60 | 62.08 | 60.37 | 60.56 | 59.75 | 28.076 | 0.506 |
| 6/8/2025 22:30 | 3.799 | 3.343 | 3.334 | 3.362 | 2.330 | 3.367 | 59.85 | 62.43 | 62.08 | 60.37 | 60.44 | 59.74 | 28.191 | 0.505 |
| 6/8/2025 22:40 | 3.811 | 3.408 | 3.400 | 3.421 | 2.402 | 3.367 | 59.85 | 62.08 | 62.94 | 60.37 | 60.34 | 59.72 | 28.274 | 0.504 |
| 6/8/2025 22:50 | 3.772 | 3.450 | 3.456 | 3.464 | 2.451 | 3.362 | 59.85 | 61.91 | 63.11 | 60.37 | 60.24 | 59.70 | 28.347 | 0.503 |
| 6/8/2025 23:00 | 3.702 | 3.485 | 3.497 | 3.500 | 2.488 | 3.362 | 59.85 | 61.74 | 63.11 | 60.37 | 60.17 | 59.68 | 28.413 | 0.501 |
| 6/8/2025 23:10 | 3.586 | 3.519 | 3.530 | 3.535 | 2.513 | 3.361 | 59.68 | 61.57 | 63.11 | 60.37 | 60.10 | 59.67 | 28.417 | 0.500 |
| 6/8/2025 23:20 | 3.397 | 3.515 | 3.523 | 3.558 | 2.502 | 3.367 | 59.68 | 61.40 | 62.94 | 60.37 | 60.05 | 59.65 | 28.457 | 0.498 |
| 6/8/2025 23:30 | 3.302 | 3.423 | 3.439 | 3.539 | 2.375 | 3.367 | 59.68 | 61.40 | 62.94 | 60.37 | 60.01 | 59.63 | 28.536 | 0.496 |
| 6/8/2025 23:40 | 3.130 | 3.279 | 3.297 | 3.493 | 2.247 | 3.374 | 59.85 | 61.57 | 62.94 | 60.37 | 60.00 | 59.61 | 28.693 | 0.493 |
| 6/8/2025 23:50 | 2.976 | 3.118 | 3.125 | 3.436 | 2.068 | 3.361 | 59.68 | 61.57 | 62.77 | 60.37 | 60.01 | 59.60 | 28.734 | 0.490 |
| 6/9/2025 0:00 | 2.798 | 2.922 | 2.941 | 3.381 | 1.887 | 3.368 | 59.68 | 61.74 | 62.43 | 60.37 | 60.04 | 59.58 | 28.734 | 0.488 |
| 6/9/2025 0:10 | 2.550 | 2.727 | 2.752 | 3.358 | 1.682 | 3.366 | 59.85 | 61.74 | 61.74 | 60.37 | 60.08 | 59.56 | 28.741 | 0.485 |
| 6/9/2025 0:20 | 2.360 | 2.528 | 2.563 | 3.339 | 1.489 | 3.356 | 59.85 | 61.74 | 61.23 | 60.37 | 60.11 | 59.55 | 28.665 | 0.482 |
| 6/9/2025 0:30 | 2.183 | 2.351 | 2.383 | 3.331 | 1.308 | 3.365 | 59.85 | 61.74 | 60.88 | 60.37 | 60.14 | 59.53 | 28.633 | 0.478 |
| 6/9/2025 0:40 | 2.009 | 2.198 | 2.232 | 3.316 | 1.132 | 3.361 | 59.85 | 61.74 | 60.54 | 60.37 | 60.18 | 59.52 | 28.604 | 0.475 |
| 6/9/2025 0:50 | 1.867 | 2.068 | 2.104 | 3.319 | 0.985 | 3.358 | 59.85 | 61.74 | 60.37 | 60.37 | 60.21 | 59.50 | 28.568 | 0.470 |
| 6/9/2025 1:00 | 1.729 | 1.960 | 2.001 | 3.316 | 0.863 | 3.362 | 59.85 | 61.57 | 60.20 | 60.37 | 60.23 | 59.48 | 28.490 | 0.463 |
| 6/9/2025 1:10 | 1.603 | 1.876 | 1.917 | 3.316 | 0.730 | 3.353 | 59.85 | 61.57 | 60.02 | 60.37 | 60.25 | 59.47 | 28.485 | 0.456 |
| 6/9/2025 1:20 | 1.497 | 1.831 | 1.870 | 3.325 | 0.642 | 3.359 | 59.85 | 61.57 | 59.85 | 60.37 | 60.24 | 59.45 | 28.442 | 0.450 |
| 6/9/2025 1:30 | 1.402 | 1.800 | 1.848 | 3.317 | 0.553 | 3.356 | 59.85 | 61.40 | 59.85 | 60.37 | 60.20 | 59.43 | 28.411 | 0.446 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/9/2025 1:40 | 1.319 | 1.788 | 1.843 | 3.321 | 0.490 | 3.363 | 59.85 | 61.40 | 59.68 | 60.37 | 60.15 | 59.41 | 28.356 | 0.445 |
| 6/9/2025 1:50 | 1.237 | 1.777 | 1.832 | 3.317 | 0.447 | 3.368 | 59.85 | 61.40 | 59.51 | 60.37 | 60.09 | 59.40 | 28.302 | 0.443 |
| 6/9/2025 2:00 | 1.162 | 1.773 | 1.832 | 3.317 | 0.427 | 3.369 | 59.85 | 61.23 | 59.51 | 60.37 | 60.03 | 59.39 | 28.244 | 0.440 |
| 6/9/2025 2:10 | 1.096 | 1.773 | 1.828 | 3.310 | 0.393 | 3.361 | 59.85 | 61.23 | 59.34 | 60.37 | 59.96 | 59.37 | 28.195 | 0.438 |
| 6/9/2025 2:20 | 1.032 | 1.769 | 1.828 | 3.314 | 0.399 | 3.373 | 59.85 | 61.05 | 59.34 | 60.37 | 59.88 | 59.36 | 28.156 | 0.439 |
| 6/9/2025 2:30 | 0.970 | 1.762 | 1.824 | 3.307 | 0.380 | 3.360 | 59.68 | 61.05 | 59.16 | 60.37 | 59.81 | 59.34 | 28.128 | 0.437 |
| 6/9/2025 2:40 | 0.922 | 1.765 | 1.816 | 3.314 | 0.389 | 3.367 | 59.68 | 61.05 | 59.16 | 60.37 | 59.73 | 59.33 | 28.081 | 0.433 |
| 6/9/2025 2:50 | 0.886 | 1.773 | 1.828 | 3.317 | 0.387 | 3.374 | 59.68 | 60.88 | 59.16 | 60.20 | 59.66 | 59.32 | 28.058 | 0.430 |
| 6/9/2025 3:00 | 0.843 | 1.769 | 1.812 | 3.314 | 0.388 | 3.378 | 59.68 | 60.88 | 58.99 | 60.20 | 59.58 | 59.31 | 28.012 | 0.427 |
| 6/9/2025 3:10 | 0.803 | 1.769 | 1.819 | 3.313 | 0.381 | 3.371 | 59.51 | 60.88 | 58.99 | 60.20 | 59.51 | 59.29 | 28.001 | 0.425 |
| 6/9/2025 3:20 | 0.767 | 1.760 | 1.815 | 3.317 | 0.390 | 3.374 | 59.51 | 60.71 | 58.99 | 60.20 | 59.43 | 59.28 | 27.980 | 0.434 |
| 6/9/2025 3:30 | 0.735 | 1.772 | 1.811 | 3.317 | 0.389 | 3.365 | 59.34 | 60.71 | 58.99 | 60.20 | 59.36 | 59.27 | 27.991 | 0.430 |
| 6/9/2025 3:40 | 0.702 | 1.764 | 1.814 | 3.313 | 0.380 | 3.362 | 59.16 | 60.71 | 58.82 | 60.20 | 59.28 | 59.25 | 27.969 | 0.429 |
| 6/9/2025 3:50 | 0.670 | 1.767 | 1.814 | 3.316 | 0.385 | 3.365 | 59.16 | 60.71 | 58.82 | 60.20 | 59.21 | 59.24 | 27.970 | 0.428 |
| 6/9/2025 4:00 | 0.647 | 1.763 | 1.810 | 3.320 | 0.391 | 3.367 | 59.16 | 60.54 | 58.82 | 60.20 | 59.15 | 59.23 | 27.972 | 0.428 |
| 6/9/2025 4:10 | 0.615 | 1.767 | 1.814 | 3.325 | 0.384 | 3.373 | 58.99 | 60.54 | 58.82 | 60.20 | 59.08 | 59.22 | 27.921 | 0.427 |
| 6/9/2025 4:20 | 0.592 | 1.764 | 1.803 | 3.309 | 0.372 | 3.358 | 58.99 | 60.54 | 58.82 | 60.20 | 59.02 | 59.21 | 27.924 | 0.427 |
| 6/9/2025 4:30 | 0.572 | 1.760 | 1.810 | 3.313 | 0.377 | 3.366 | 58.82 | 60.37 | 58.65 | 60.02 | 58.95 | 59.20 | 27.936 | 0.426 |
| 6/9/2025 4:40 | 0.550 | 1.757 | 1.799 | 3.306 | 0.372 | 3.364 | 58.82 | 60.37 | 58.65 | 60.02 | 58.89 | 59.19 | 27.912 | 0.425 |
| 6/9/2025 4:50 | 0.537 | 1.760 | 1.806 | 3.305 | 0.371 | 3.372 | 58.82 | 60.37 | 58.65 | 60.02 | 58.82 | 59.18 | 27.872 | 0.425 |
| 6/9/2025 5:00 | 0.525 | 1.756 | 1.806 | 3.313 | 0.378 | 3.364 | 58.65 | 60.20 | 58.65 | 60.02 | 58.76 | 59.17 | 27.875 | 0.425 |
| 6/9/2025 5:10 | 0.500 | 1.756 | 1.802 | 3.309 | 0.379 | 3.363 | 58.65 | 60.20 | 58.65 | 60.02 | 58.71 | 59.16 | 27.839 | 0.425 |
| 6/9/2025 5:20 | 0.488 | 1.763 | 1.805 | 3.309 | 0.378 | 3.365 | 58.48 | 60.20 | 58.65 | 60.02 | 58.65 | 59.15 | 27.831 | 0.424 |
| 6/9/2025 5:30 | 0.483 | 1.762 | 1.809 | 3.308 | 0.379 | 3.369 | 58.48 | 60.20 | 58.65 | 60.02 | 58.60 | 59.13 | 27.822 | 0.424 |
| 6/9/2025 5:40 | 0.462 | 1.757 | 1.797 | 3.311 | 0.375 | 3.369 | 58.48 | 60.02 | 58.65 | 60.02 | 58.55 | 59.12 | 27.770 | 0.424 |
| 6/9/2025 5:50 | 0.450 | 1.749 | 1.792 | 3.307 | 0.365 | 3.358 | 58.48 | 60.02 | 58.48 | 60.02 | 58.50 | 59.12 | 27.767 | 0.424 |
| 6/9/2025 6:00 | 0.433 | 1.752 | 1.795 | 3.306 | 0.376 | 3.363 | 58.30 | 60.02 | 58.48 | 60.02 | 58.46 | 59.11 | 27.755 | 0.424 |
| 6/9/2025 6:10 | 0.431 | 1.754 | 1.800 | 3.311 | 0.377 | 3.371 | 58.30 | 60.02 | 58.48 | 59.85 | 58.42 | 59.10 | 27.719 | 0.424 |
| 6/9/2025 6:20 | 0.417 | 1.748 | 1.794 | 3.301 | 0.367 | 3.361 | 58.30 | 59.85 | 58.48 | 59.85 | 58.39 | 59.09 | 27.683 | 0.424 |
| 6/9/2025 6:30 | 0.412 | 1.746 | 1.786 | 3.307 | 0.372 | 3.366 | 58.30 | 59.85 | 58.48 | 59.85 | 58.36 | 59.08 | 27.650 | 0.424 |
| 6/9/2025 6:40 | 0.410 | 1.752 | 1.792 | 3.306 | 0.371 | 3.360 | 58.30 | 59.85 | 58.65 | 59.85 | 58.33 | 59.07 | 27.646 | 0.424 |
| 6/9/2025 6:50 | 0.396 | 1.753 | 1.792 | 3.307 | 0.373 | 3.358 | 58.48 | 59.85 | 58.65 | 59.85 | 58.31 | 59.06 | 27.611 | 0.424 |
| 6/9/2025 7:00 | 0.396 | 1.753 | 1.792 | 3.306 | 0.378 | 3.355 | 58.48 | 59.85 | 58.65 | 59.85 | 58.29 | 59.06 | 27.586 | 0.424 |
| 6/9/2025 7:10 | 0.389 | 1.749 | 1.796 | 3.303 | 0.368 | 3.356 | 58.48 | 59.68 | 58.65 | 59.85 | 58.28 | 59.05 | 27.556 | 0.424 |
| 6/9/2025 7:20 | 0.378 | 1.750 | 1.794 | 3.304 | 0.370 | 3.362 | 58.48 | 59.68 | 58.82 | 59.85 | 58.28 | 59.04 | 27.507 | 0.424 |
| 6/9/2025 7:30 | 0.380 | 1.743 | 1.794 | 3.305 | 0.364 | 3.355 | 58.65 | 59.68 | 58.82 | 59.85 | 58.28 | 59.04 | 27.471 | 0.424 |
| 6/9/2025 7:40 | 0.372 | 1.747 | 1.795 | 3.304 | 0.368 | 3.363 | 58.65 | 59.68 | 58.99 | 59.68 | 58.28 | 59.03 | 27.467 | 0.424 |
| 6/9/2025 7:50 | 0.367 | 1.750 | 1.791 | 3.311 | 0.377 | 3.359 | 58.82 | 59.68 | 59.16 | 59.68 | 58.29 | 59.03 | 27.411 | 0.425 |
| 6/9/2025 8:00 | 0.370 | 1.749 | 1.787 | 3.306 | 0.364 | 3.353 | 58.82 | 59.68 | 59.16 | 59.68 | 58.30 | 59.03 | 27.438 | 0.425 |
| 6/9/2025 8:10 | 0.365 | 1.746 | 1.788 | 3.307 | 0.365 | 3.348 | 58.99 | 59.68 | 59.34 | 59.68 | 58.31 | 59.02 | 27.445 | 0.425 |
| 6/9/2025 8:20 | 0.357 | 1.739 | 1.788 | 3.308 | 0.352 | 3.349 | 58.99 | 59.68 | 59.34 | 59.68 | 58.33 | 59.02 | 27.440 | 0.425 |
| 6/9/2025 8:30 | 0.372 | 1.756 | 1.794 | 3.314 | 0.362 | 3.351 | 59.16 | 59.68 | 59.51 | 59.68 | 58.34 | 59.02 | 27.417 | 0.425 |
| 6/9/2025 8:40 | 0.422 | 1.755 | 1.798 | 3.309 | 0.370 | 3.353 | 59.16 | 59.51 | 59.68 | 59.68 | 58.36 | 59.02 | 27.411 | 0.426 |
| 6/9/2025 8:50 | 0.569 | 1.748 | 1.792 | 3.310 | 0.370 | 3.350 | 59.34 | 59.51 | 59.85 | 59.68 | 58.39 | 59.01 | 27.386 | 0.427 |
| 6/9/2025 9:00 | 0.708 | 1.749 | 1.788 | 3.310 | 0.364 | 3.344 | 59.34 | 59.68 | 59.85 | 59.68 | 58.41 | 59.01 | 27.371 | 0.427 |
| 6/9/2025 9:10 | 0.874 | 1.750 | 1.790 | 3.311 | 0.369 | 3.352 | 59.34 | 59.68 | 60.02 | 59.68 | 58.45 | 59.01 | 27.339 | 0.428 |
| 6/9/2025 9:20 | 1.028 | 1.743 | 1.787 | 3.307 | 0.364 | 3.343 | 59.34 | 59.68 | 60.02 | 59.51 | 58.48 | 59.01 | 27.337 | 0.428 |
| 6/9/2025 9:30 | 1.195 | 1.747 | 1.788 | 3.311 | 0.370 | 3.344 | 59.34 | 59.68 | 60.20 | 59.51 | 58.53 | 59.01 | 27.310 | 0.428 |
| 6/9/2025 9:40 | 1.416 | 1.749 | 1.799 | 3.313 | 0.440 | 3.353 | 59.85 | 59.68 | 60.37 | 59.51 | 58.58 | 59.01 | 27.282 | 0.429 |
| 6/9/2025 9:50 | 1.700 | 1.748 | 1.794 | 3.312 | 0.683 | 3.351 | 60.20 | 59.68 | 60.54 | 59.51 | 58.68 | 59.01 | 27.222 | 0.430 |
| 6/9/2025 10:00 | 1.914 | 1.878 | 1.890 | 3.304 | 0.881 | 3.347 | 60.37 | 59.68 | 60.71 | 59.51 | 58.96 | 59.01 | 27.248 | 0.431 |
| 6/9/2025 10:10 | 2.166 | 2.072 | 2.086 | 3.307 | 1.087 | 3.348 | 60.54 | 59.68 | 60.71 | 59.51 | 59.15 | 59.01 | 27.166 | 0.432 |
| 6/9/2025 10:20 | 2.397 | 2.280 | 2.288 | 3.308 | 1.305 | 3.356 | 60.54 | 59.68 | 60.88 | 59.51 | 59.35 | 59.02 | 27.084 | 0.434 |
| 6/9/2025 10:30 | 2.642 | 2.484 | 2.501 | 3.316 | 1.503 | 3.353 | 60.54 | 59.68 | 61.05 | 59.51 | 59.44 | 59.02 | 27.124 | 0.435 |
| 6/9/2025 10:40 | 2.779 | 2.652 | 2.682 | 3.307 | 1.673 | 3.347 | 60.54 | 59.85 | 61.05 | 59.51 | 59.61 | 59.02 | 27.462 | 0.437 |
| 6/9/2025 10:50 | 2.809 | 2.811 | 2.815 | 3.309 | 1.779 | 3.346 | 60.71 | 60.02 | 61.05 | 59.51 | 59.71 | 59.03 | 27.667 | 0.438 |
| 6/9/2025 11:00 | 2.868 | 2.876 | 2.895 | 3.304 | 1.874 | 3.340 | 60.71 | 60.20 | 61.23 | 59.51 | 59.77 | 59.03 | 27.721 | 0.439 |
| 6/9/2025 11:10 | 2.753 | 2.865 | 2.888 | 3.304 | 1.868 | 3.334 | 60.71 | 60.37 | 61.40 | 59.51 | 59.83 | 59.04 | 27.750 | 0.440 |
| 6/9/2025 11:20 | 2.802 | 2.862 | 2.895 | 3.309 | 1.878 | 3.349 | 60.88 | 60.37 | 61.74 | 59.51 | 59.90 | 59.04 | 27.733 | 0.442 |
| 6/9/2025 11:30 | 2.792 | 2.844 | 2.832 | 3.310 | 1.822 | 3.336 | 61.05 | 60.37 | 62.08 | 59.51 | 59.97 | 59.05 | 27.736 | 0.443 |
| 6/9/2025 11:40 | 2.649 | 2.762 | 2.779 | 3.309 | 1.761 | 3.343 | 61.23 | 60.37 | 62.08 | 59.51 | 60.06 | 59.05 | 27.732 | 0.445 |
| 6/9/2025 11:50 | 2.645 | 2.705 | 2.729 | 3.309 | 1.694 | 3.336 | 61.23 | 60.54 | 62.08 | 59.51 | 60.15 | 59.06 | 27.718 | 0.446 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/9/2025 12:00 | 2.469 | 2.611 | 2.632 | 3.306 | 1.606 | 3.335 | 61.40 | 60.54 | 62.08 | 59.51 | 60.22 | 59.07 | 27.760 | 0.449 |
| 6/9/2025 12:10 | 2.347 | 2.485 | 2.515 | 3.303 | 1.493 | 3.337 | 61.40 | 60.54 | 62.08 | 59.51 | 60.30 | 59.08 | 27.736 | 0.451 |
| 6/9/2025 12:20 | 2.249 | 2.370 | 2.392 | 3.303 | 1.360 | 3.338 | 61.40 | 60.54 | 62.25 | 59.51 | 60.36 | 59.08 | 27.756 | 0.454 |
| 6/9/2025 12:30 | 2.098 | 2.254 | 2.289 | 3.306 | 1.224 | 3.343 | 61.40 | 60.71 | 62.43 | 59.51 | 60.42 | 59.09 | 27.760 | 0.458 |
| 6/9/2025 12:40 | 1.956 | 2.124 | 2.159 | 3.298 | 1.089 | 3.340 | 61.40 | 60.71 | 62.60 | 59.51 | 60.48 | 59.10 | 27.770 | 0.461 |
| 6/9/2025 12:50 | 1.828 | 2.016 | 2.058 | 3.306 | 0.961 | 3.350 | 61.23 | 60.71 | 62.94 | 59.51 | 60.53 | 59.11 | 27.778 | 0.467 |
| 6/9/2025 13:00 | 1.708 | 1.929 | 1.966 | 3.311 | 0.843 | 3.352 | 61.40 | 60.71 | 63.28 | 59.51 | 60.58 | 59.12 | 27.767 | 0.469 |
| 6/9/2025 13:10 | 1.589 | 1.853 | 1.897 | 3.315 | 0.719 | 3.349 | 61.40 | 60.71 | 63.46 | 59.51 | 60.64 | 59.12 | 27.795 | 0.471 |
| 6/9/2025 13:20 | 1.479 | 1.800 | 1.850 | 3.303 | 0.624 | 3.354 | 61.40 | 60.88 | 63.63 | 59.51 | 60.70 | 59.13 | 27.796 | 0.474 |
| 6/9/2025 13:30 | 1.378 | 1.770 | 1.823 | 3.304 | 0.536 | 3.340 | 61.40 | 60.88 | 63.80 | 59.51 | 60.78 | 59.14 | 27.851 | 0.476 |
| 6/9/2025 13:40 | 1.296 | 1.763 | 1.828 | 3.317 | 0.479 | 3.355 | 61.57 | 60.88 | 63.97 | 59.51 | 60.90 | 59.15 | 27.878 | 0.478 |
| 6/9/2025 13:50 | 1.222 | 1.753 | 1.824 | 3.318 | 0.442 | 3.348 | 61.57 | 60.88 | 64.14 | 59.51 | 61.00 | 59.15 | 27.904 | 0.479 |
| 6/9/2025 14:00 | 1.150 | 1.756 | 1.822 | 3.313 | 0.403 | 3.349 | 61.40 | 61.05 | 64.14 | 59.51 | 61.11 | 59.16 | 27.917 | 0.480 |
| 6/9/2025 14:10 | 1.074 | 1.744 | 1.813 | 3.305 | 0.387 | 3.348 | 61.40 | 61.05 | 63.97 | 59.51 | 61.19 | 59.17 | 27.905 | 0.481 |
| 6/9/2025 14:20 | 1.010 | 1.742 | 1.806 | 3.313 | 0.384 | 3.342 | 61.91 | 61.23 | 63.97 | 59.51 | 61.26 | 59.18 | 27.898 | 0.482 |
| 6/9/2025 14:30 | 0.961 | 1.746 | 1.811 | 3.314 | 0.382 | 3.345 | 62.25 | 61.23 | 63.97 | 59.51 | 61.31 | 59.19 | 27.873 | 0.483 |
| 6/9/2025 14:40 | 0.911 | 1.739 | 1.803 | 3.307 | 0.377 | 3.345 | 62.43 | 61.23 | 63.80 | 59.51 | 61.35 | 59.20 | 27.785 | 0.484 |
| 6/9/2025 14:50 | 0.858 | 1.741 | 1.797 | 3.305 | 0.380 | 3.337 | 62.60 | 61.40 | 63.80 | 59.51 | 61.38 | 59.21 | 27.688 | 0.485 |
| 6/9/2025 15:00 | 0.818 | 1.747 | 1.798 | 3.314 | 0.395 | 3.346 | 62.08 | 61.40 | 63.63 | 59.51 | 61.43 | 59.22 | 27.602 | 0.485 |
| 6/9/2025 15:10 | 0.778 | 1.737 | 1.795 | 3.304 | 0.375 | 3.340 | 62.43 | 61.40 | 63.46 | 59.51 | 61.48 | 59.23 | 27.520 | 0.486 |
| 6/9/2025 15:20 | 0.746 | 1.741 | 1.795 | 3.312 | 0.376 | 3.335 | 62.43 | 61.57 | 63.28 | 59.51 | 61.56 | 59.24 | 27.532 | 0.486 |
| 6/9/2025 15:30 | 0.708 | 1.741 | 1.794 | 3.311 | 0.381 | 3.354 | 62.08 | 61.57 | 63.11 | 59.51 | 61.63 | 59.25 | 27.506 | 0.487 |
| 6/9/2025 15:40 | 0.679 | 1.742 | 1.791 | 3.313 | 0.375 | 3.351 | 62.25 | 61.57 | 62.94 | 59.51 | 61.66 | 59.26 | 27.485 | 0.488 |
| 6/9/2025 15:50 | 0.644 | 1.743 | 1.796 | 3.310 | 0.380 | 3.341 | 62.25 | 61.57 | 62.94 | 59.68 | 61.68 | 59.26 | 27.475 | 0.489 |
| 6/9/2025 16:00 | 0.635 | 1.748 | 1.797 | 3.315 | 0.384 | 3.351 | 61.91 | 61.57 | 62.77 | 59.68 | 61.71 | 59.27 | 27.436 | 0.490 |
| 6/9/2025 16:10 | 0.604 | 1.744 | 1.796 | 3.310 | 0.376 | 3.349 | 62.08 | 61.74 | 62.60 | 59.68 | 61.71 | 59.28 | 27.399 | 0.491 |
| 6/9/2025 16:20 | 0.565 | 1.737 | 1.781 | 3.304 | 0.372 | 3.336 | 62.08 | 61.74 | 62.43 | 59.68 | 61.69 | 59.28 | 27.326 | 0.492 |
| 6/9/2025 16:30 | 0.569 | 1.738 | 1.789 | 3.305 | 0.378 | 3.350 | 61.57 | 61.74 | 62.25 | 59.68 | 61.68 | 59.30 | 27.319 | 0.492 |
| 6/9/2025 16:40 | 0.547 | 1.741 | 1.784 | 3.308 | 0.375 | 3.351 | 61.40 | 61.74 | 62.08 | 59.68 | 61.65 | 59.31 | 27.305 | 0.492 |
| 6/9/2025 16:50 | 0.514 | 1.739 | 1.781 | 3.306 | 0.370 | 3.337 | 61.57 | 61.74 | 61.91 | 59.68 | 61.61 | 59.31 | 27.223 | 0.493 |
| 6/9/2025 17:00 | 0.499 | 1.732 | 1.782 | 3.306 | 0.374 | 3.341 | 61.57 | 61.74 | 61.91 | 59.68 | 61.57 | 59.32 | 27.134 | 0.493 |
| 6/9/2025 17:10 | 0.493 | 1.736 | 1.789 | 3.310 | 0.373 | 3.349 | 61.05 | 61.74 | 61.74 | 59.68 | 61.53 | 59.32 | 27.183 | 0.493 |
| 6/9/2025 17:20 | 0.480 | 1.739 | 1.785 | 3.314 | 0.378 | 3.345 | 61.05 | 61.74 | 61.57 | 59.85 | 61.48 | 59.33 | 27.160 | 0.493 |
| 6/9/2025 17:30 | 0.473 | 1.746 | 1.795 | 3.313 | 0.379 | 3.356 | 61.40 | 61.74 | 61.57 | 59.85 | 61.43 | 59.33 | 27.131 | 0.493 |
| 6/9/2025 17:40 | 0.455 | 1.741 | 1.790 | 3.313 | 0.382 | 3.350 | 61.05 | 61.57 | 61.40 | 59.85 | 61.36 | 59.34 | 26.723 | 0.493 |
| 6/9/2025 17:50 | 0.439 | 1.741 | 1.785 | 3.312 | 0.382 | 3.350 | 61.05 | 61.57 | 61.40 | 59.85 | 61.31 | 59.34 | 26.502 | 0.493 |
| 6/9/2025 18:00 | 0.429 | 1.736 | 1.787 | 3.307 | 0.375 | 3.347 | 60.88 | 61.57 | 61.23 | 59.85 | 61.25 | 59.34 | 26.463 | 0.493 |
| 6/9/2025 18:10 | 0.422 | 1.737 | 1.790 | 3.309 | 0.375 | 3.350 | 60.54 | 61.57 | 61.05 | 59.85 | 61.18 | 59.34 | 26.425 | 0.493 |
| 6/9/2025 18:20 | 0.412 | 1.735 | 1.788 | 3.303 | 0.368 | 3.349 | 60.54 | 61.57 | 60.88 | 59.85 | 61.11 | 59.34 | 25.933 | 0.494 |
| 6/9/2025 18:30 | 0.408 | 1.744 | 1.785 | 3.316 | 0.372 | 3.348 | 60.37 | 61.57 | 60.88 | 59.85 | 61.02 | 59.35 | 26.537 | 0.494 |
| 6/9/2025 18:40 | 0.400 | 1.740 | 1.781 | 3.312 | 0.369 | 3.345 | 60.20 | 61.40 | 60.71 | 59.85 | 60.92 | 59.35 | 26.226 | 0.492 |
| 6/9/2025 18:50 | 0.393 | 1.737 | 1.785 | 3.314 | 0.375 | 3.334 | 59.85 | 61.40 | 60.54 | 59.85 | 60.84 | 59.35 | 26.361 | 0.490 |
| 6/9/2025 19:00 | 0.385 | 1.741 | 1.785 | 3.302 | 0.367 | 3.347 | 59.85 | 61.40 | 60.37 | 59.85 | 60.73 | 59.34 | 26.315 | 0.488 |
| 6/9/2025 19:10 | 0.389 | 1.741 | 1.789 | 3.307 | 0.370 | 3.347 | 59.68 | 61.23 | 60.20 | 60.02 | 60.63 | 59.34 | 26.222 | 0.486 |
| 6/9/2025 19:20 | 0.383 | 1.737 | 1.784 | 3.307 | 0.370 | 3.341 | 59.51 | 61.23 | 60.02 | 60.02 | 60.53 | 59.33 | 26.313 | 0.485 |
| 6/9/2025 19:30 | 0.375 | 1.749 | 1.785 | 3.311 | 0.370 | 3.356 | 59.34 | 61.23 | 59.85 | 60.02 | 60.45 | 59.32 | 26.010 | 0.483 |
| 6/9/2025 19:40 | 0.376 | 1.743 | 1.784 | 3.305 | 0.367 | 3.344 | 59.16 | 61.23 | 59.68 | 60.02 | 60.36 | 59.31 | 25.552 | 0.482 |
| 6/9/2025 19:50 | 0.376 | 1.746 | 1.785 | 3.313 | 0.366 | 3.342 | 59.16 | 61.05 | 59.68 | 60.02 | 60.27 | 59.31 | 25.237 | 0.481 |
| 6/9/2025 20:00 | 0.455 | 1.739 | 1.773 | 3.305 | 0.361 | 3.339 | 58.99 | 61.05 | 59.51 | 60.02 | 60.18 | 59.30 | 24.914 | 0.480 |
| 6/9/2025 20:10 | 0.621 | 1.740 | 1.780 | 3.302 | 0.361 | 3.340 | 58.99 | 61.05 | 59.34 | 60.02 | 60.09 | 59.28 | 24.649 | 0.479 |
| 6/9/2025 20:20 | 0.767 | 1.739 | 1.776 | 3.306 | 0.362 | 3.339 | 58.99 | 60.88 | 59.34 | 60.02 | 59.99 | 59.28 | 24.390 | 0.477 |
| 6/9/2025 20:30 | 0.964 | 1.739 | 1.787 | 3.306 | 0.372 | 3.343 | 58.99 | 60.88 | 59.16 | 60.02 | 59.91 | 59.27 | 24.189 | 0.476 |
| 6/9/2025 20:40 | 1.168 | 1.735 | 1.779 | 3.309 | 0.359 | 3.347 | 58.99 | 60.88 | 58.99 | 60.02 | 59.82 | 59.26 | 23.942 | 0.475 |
| 6/9/2025 20:50 | 1.513 | 1.742 | 1.776 | 3.305 | 0.469 | 3.346 | 59.34 | 60.71 | 58.99 | 60.02 | 59.73 | 59.25 | 23.767 | 0.475 |
| 6/9/2025 21:00 | 1.834 | 1.769 | 1.779 | 3.310 | 0.762 | 3.342 | 59.51 | 60.71 | 58.82 | 60.02 | 59.70 | 59.24 | 23.668 | 0.474 |
| 6/9/2025 21:10 | 2.117 | 1.965 | 1.972 | 3.299 | 1.008 | 3.341 | 59.85 | 60.71 | 58.82 | 60.02 | 59.81 | 59.23 | 23.793 | 0.473 |
| 6/9/2025 21:20 | 2.478 | 2.238 | 2.242 | 3.296 | 1.276 | 3.339 | 60.20 | 60.54 | 58.65 | 60.02 | 59.92 | 59.22 | 23.755 | 0.472 |
| 6/9/2025 21:30 | 2.879 | 2.510 | 2.516 | 3.299 | 1.531 | 3.341 | 60.71 | 60.54 | 58.65 | 60.02 | 60.04 | 59.21 | 23.864 | 0.472 |
| 6/9/2025 21:40 | 3.168 | 2.747 | 2.749 | 3.311 | 1.751 | 3.345 | 60.88 | 60.37 | 58.65 | 60.02 | 60.16 | 59.20 | 23.894 | 0.471 |
| 6/9/2025 21:50 | 3.478 | 2.924 | 2.921 | 3.307 | 1.933 | 3.345 | 61.23 | 60.37 | 58.65 | 60.02 | 60.28 | 59.19 | 23.912 | 0.469 |
| 6/9/2025 22:00 | 3.700 | 3.082 | 3.082 | 3.307 | 2.087 | 3.334 | 61.40 | 60.54 | 58.65 | 60.02 | 60.38 | 59.18 | 23.980 | 0.468 |
| 6/9/2025 22:10 | 3.883 | 3.224 | 3.221 | 3.304 | 2.226 | 3.340 | 61.57 | 60.54 | 58.65 | 60.02 | 60.51 | 59.17 | 24.074 | 0.466 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/9/2025 22:20 | 4.002 | 3.340 | 3.335 | 3.343 | 2.339 | 3.349 | 61.57 | 60.54 | 58.65 | 60.02 | 60.64 | 59.16 | 24.101 | 0.465 |
| 6/9/2025 22:30 | 4.103 | 3.438 | 3.439 | 3.438 | 2.442 | 3.339 | 61.40 | 60.71 | 59.34 | 60.02 | 60.74 | 59.15 | 24.131 | 0.463 |
| 6/9/2025 22:40 | 4.194 | 3.528 | 3.526 | 3.525 | 2.520 | 3.345 | 61.40 | 60.71 | 59.85 | 60.02 | 60.81 | 59.14 | 24.135 | 0.462 |
| 6/9/2025 22:50 | 4.242 | 3.586 | 3.587 | 3.583 | 2.585 | 3.349 | 61.40 | 60.71 | 60.37 | 60.02 | 60.85 | 59.13 | 24.147 | 0.461 |
| 6/9/2025 23:00 | 4.211 | 3.640 | 3.640 | 3.634 | 2.638 | 3.348 | 61.40 | 60.88 | 60.54 | 60.02 | 60.89 | 59.12 | 24.173 | 0.460 |
| 6/9/2025 23:10 | 4.261 | 3.701 | 3.703 | 3.684 | 2.700 | 3.352 | 61.40 | 60.88 | 60.71 | 60.02 | 60.91 | 59.11 | 24.194 | 0.460 |
| 6/9/2025 23:20 | 4.238 | 3.743 | 3.743 | 3.723 | 2.750 | 3.344 | 61.40 | 60.88 | 60.71 | 60.02 | 60.93 | 59.10 | 24.201 | 0.460 |
| 6/9/2025 23:30 | 4.131 | 3.787 | 3.792 | 3.762 | 2.783 | 3.345 | 61.40 | 61.05 | 60.88 | 60.02 | 60.95 | 59.10 | 24.187 | 0.459 |
| 6/9/2025 23:40 | 4.052 | 3.817 | 3.821 | 3.789 | 2.819 | 3.344 | 61.40 | 61.05 | 61.05 | 60.02 | 60.97 | 59.09 | 24.214 | 0.458 |
| 6/9/2025 23:50 | 3.966 | 3.837 | 3.844 | 3.810 | 2.842 | 3.333 | 61.40 | 61.05 | 61.05 | 60.02 | 60.98 | 59.08 | 24.257 | 0.458 |
| 6/10/2025 0:00 | 3.899 | 3.856 | 3.870 | 3.837 | 2.863 | 3.348 | 61.40 | 61.05 | 61.23 | 60.02 | 60.97 | 59.07 | 24.328 | 0.457 |
| 6/10/2025 0:10 | 3.728 | 3.833 | 3.855 | 3.856 | 2.824 | 3.346 | 61.40 | 61.05 | 61.23 | 60.02 | 60.98 | 59.06 | 24.356 | 0.456 |
| 6/10/2025 0:20 | 3.545 | 3.725 | 3.753 | 3.836 | 2.703 | 3.352 | 61.40 | 61.05 | 61.23 | 60.02 | 60.99 | 59.05 | 24.389 | 0.455 |
| 6/10/2025 0:30 | 3.340 | 3.556 | 3.588 | 3.777 | 2.518 | 3.348 | 61.40 | 61.05 | 61.05 | 60.02 | 60.99 | 59.05 | 24.044 | 0.454 |
| 6/10/2025 0:40 | 3.165 | 3.363 | 3.400 | 3.711 | 2.316 | 3.352 | 61.23 | 61.05 | 60.71 | 60.02 | 60.99 | 59.04 | 24.282 | 0.453 |
| 6/10/2025 0:50 | 2.975 | 3.164 | 3.188 | 3.628 | 2.111 | 3.352 | 61.23 | 61.05 | 60.02 | 59.85 | 60.97 | 59.03 | 23.698 | 0.452 |
| 6/10/2025 1:00 | 2.768 | 2.960 | 2.986 | 3.539 | 1.891 | 3.344 | 61.05 | 61.05 | 59.51 | 59.85 | 60.92 | 59.03 | 24.010 | 0.451 |
| 6/10/2025 1:10 | 2.527 | 2.738 | 2.775 | 3.465 | 1.690 | 3.340 | 60.88 | 60.88 | 58.99 | 59.85 | 60.85 | 59.02 | 24.261 | 0.450 |
| 6/10/2025 1:20 | 2.346 | 2.545 | 2.581 | 3.422 | 1.490 | 3.353 | 61.05 | 60.88 | 58.82 | 59.85 | 60.76 | 59.02 | 24.275 | 0.449 |
| 6/10/2025 1:30 | 2.143 | 2.380 | 2.416 | 3.395 | 1.307 | 3.345 | 61.05 | 60.71 | 58.65 | 59.85 | 60.65 | 59.01 | 24.252 | 0.449 |
| 6/10/2025 1:40 | 1.977 | 2.218 | 2.255 | 3.367 | 1.139 | 3.353 | 60.88 | 60.54 | 58.65 | 59.85 | 60.51 | 59.00 | 24.223 | 0.448 |
| 6/10/2025 1:50 | 1.835 | 2.080 | 2.130 | 3.356 | 0.998 | 3.356 | 60.88 | 60.54 | 58.48 | 59.85 | 60.36 | 58.99 | 23.723 | 0.448 |
| 6/10/2025 2:00 | 1.700 | 1.976 | 2.024 | 3.348 | 0.866 | 3.362 | 60.71 | 60.37 | 58.30 | 59.85 | 60.18 | 58.99 | 24.219 | 0.447 |
| 6/10/2025 2:10 | 1.580 | 1.895 | 1.954 | 3.347 | 0.755 | 3.353 | 60.37 | 60.37 | 58.30 | 59.85 | 60.00 | 58.98 | 24.212 | 0.446 |
| 6/10/2025 2:20 | 1.468 | 1.852 | 1.906 | 3.339 | 0.657 | 3.350 | 60.37 | 60.20 | 58.13 | 59.85 | 59.86 | 58.97 | 24.142 | 0.446 |
| 6/10/2025 2:30 | 1.386 | 1.825 | 1.873 | 3.343 | 0.583 | 3.365 | 60.37 | 60.02 | 57.96 | 59.85 | 59.71 | 58.96 | 24.065 | 0.455 |
| 6/10/2025 2:40 | 1.298 | 1.806 | 1.862 | 3.335 | 0.523 | 3.351 | 60.37 | 60.02 | 57.96 | 59.85 | 59.58 | 58.95 | 24.007 | 0.456 |
| 6/10/2025 2:50 | 1.227 | 1.802 | 1.855 | 3.350 | 0.488 | 3.375 | 60.20 | 60.02 | 57.79 | 59.68 | 59.45 | 58.94 | 23.765 | 0.455 |
| 6/10/2025 3:00 | 1.155 | 1.795 | 1.851 | 3.335 | 0.448 | 3.363 | 60.02 | 59.85 | 57.79 | 59.68 | 59.33 | 58.94 | 23.392 | 0.454 |
| 6/10/2025 3:10 | 1.102 | 1.794 | 1.847 | 3.342 | 0.429 | 3.365 | 59.68 | 59.85 | 57.61 | 59.68 | 59.21 | 58.93 | 22.877 | 0.452 |
| 6/10/2025 3:20 | 1.030 | 1.786 | 1.840 | 3.334 | 0.417 | 3.359 | 59.51 | 59.68 | 57.61 | 59.68 | 59.11 | 58.92 | 22.301 | 0.451 |
| 6/10/2025 3:30 | 0.982 | 1.786 | 1.840 | 3.334 | 0.415 | 3.369 | 59.34 | 59.68 | 57.61 | 59.68 | 59.01 | 58.91 | 21.818 | 0.450 |
| 6/10/2025 3:40 | 0.930 | 1.786 | 1.840 | 3.334 | 0.410 | 3.367 | 59.34 | 59.68 | 57.44 | 59.68 | 58.91 | 58.91 | 21.450 | 0.449 |
| 6/10/2025 3:50 | 0.887 | 1.785 | 1.840 | 3.330 | 0.414 | 3.369 | 59.34 | 59.51 | 57.44 | 59.68 | 58.82 | 58.90 | 21.084 | 0.448 |
| 6/10/2025 4:00 | 0.839 | 1.774 | 1.836 | 3.330 | 0.403 | 3.355 | 59.16 | 59.51 | 57.44 | 59.68 | 58.71 | 58.90 | 20.504 | 0.447 |
| 6/10/2025 4:10 | 0.799 | 1.770 | 1.832 | 3.330 | 0.399 | 3.360 | 58.99 | 59.51 | 57.44 | 59.68 | 58.62 | 58.89 | 20.405 | 0.446 |
| 6/10/2025 4:20 | 0.763 | 1.777 | 1.835 | 3.334 | 0.396 | 3.360 | 58.82 | 59.34 | 57.27 | 59.68 | 58.53 | 58.89 | 20.013 | 0.445 |
| 6/10/2025 4:30 | 0.739 | 1.769 | 1.828 | 3.330 | 0.395 | 3.363 | 58.82 | 59.34 | 57.27 | 59.68 | 58.45 | 58.88 | 19.380 | 0.444 |
| 6/10/2025 4:40 | 0.703 | 1.777 | 1.831 | 3.329 | 0.391 | 3.356 | 58.65 | 59.34 | 57.27 | 59.51 | 58.35 | 58.88 | 19.108 | 0.443 |
| 6/10/2025 4:50 | 0.675 | 1.761 | 1.827 | 3.325 | 0.387 | 3.349 | 58.48 | 59.16 | 57.27 | 59.51 | 58.26 | 58.87 | 18.723 | 0.443 |
| 6/10/2025 5:00 | 0.647 | 1.769 | 1.827 | 3.325 | 0.391 | 3.359 | 58.48 | 59.16 | 57.27 | 59.51 | 58.18 | 58.87 | 18.492 | 0.442 |
| 6/10/2025 5:10 | 0.623 | 1.765 | 1.820 | 3.321 | 0.387 | 3.371 | 58.30 | 59.16 | 57.27 | 59.51 | 58.11 | 58.86 | 18.108 | 0.442 |
| 6/10/2025 5:20 | 0.596 | 1.765 | 1.820 | 3.322 | 0.384 | 3.365 | 58.30 | 58.99 | 57.10 | 59.51 | 58.03 | 58.85 | 17.862 | 0.441 |
| 6/10/2025 5:30 | 0.583 | 1.764 | 1.827 | 3.321 | 0.393 | 3.371 | 58.13 | 58.99 | 57.10 | 59.51 | 57.96 | 58.84 | 17.545 | 0.443 |
| 6/10/2025 5:40 | 0.563 | 1.760 | 1.819 | 3.317 | 0.379 | 3.368 | 58.13 | 58.99 | 57.10 | 59.51 | 57.89 | 58.84 | 17.407 | 0.442 |
| 6/10/2025 5:50 | 0.543 | 1.761 | 1.819 | 3.321 | 0.384 | 3.371 | 57.96 | 58.99 | 57.10 | 59.51 | 57.83 | 58.84 | 17.183 | 0.442 |
| 6/10/2025 6:00 | 0.533 | 1.764 | 1.826 | 3.324 | 0.389 | 3.367 | 57.79 | 58.82 | 57.10 | 59.51 | 57.77 | 58.83 | 17.014 | 0.441 |
| 6/10/2025 6:10 | 0.514 | 1.763 | 1.815 | 3.324 | 0.381 | 3.366 | 57.79 | 58.82 | 57.10 | 59.51 | 57.71 | 58.83 | 16.801 | 0.441 |
| 6/10/2025 6:20 | 0.494 | 1.763 | 1.822 | 3.324 | 0.387 | 3.375 | 57.79 | 58.82 | 57.10 | 59.51 | 57.66 | 58.83 | 16.575 | 0.440 |
| 6/10/2025 6:30 | 0.485 | 1.755 | 1.822 | 3.323 | 0.380 | 3.373 | 57.61 | 58.82 | 57.10 | 59.34 | 57.62 | 58.82 | 16.350 | 0.439 |
| 6/10/2025 6:40 | 0.472 | 1.758 | 1.815 | 3.322 | 0.374 | 3.373 | 57.61 | 58.65 | 57.10 | 59.34 | 57.57 | 58.82 | 15.466 | 0.438 |
| 6/10/2025 6:50 | 0.450 | 1.755 | 1.800 | 3.315 | 0.379 | 3.358 | 57.61 | 58.65 | 57.10 | 59.34 | 57.53 | 58.81 | 16.105 | 0.437 |
| 6/10/2025 7:00 | 0.446 | 1.751 | 1.804 | 3.324 | 0.370 | 3.361 | 57.61 | 58.65 | 57.10 | 59.34 | 57.50 | 58.81 | 16.070 | 0.437 |
| 6/10/2025 7:10 | 0.438 | 1.752 | 1.807 | 3.324 | 0.372 | 3.357 | 57.44 | 58.65 | 57.10 | 59.34 | 57.46 | 58.81 | 15.973 | 0.436 |
| 6/10/2025 7:20 | 0.422 | 1.751 | 1.799 | 3.315 | 0.368 | 3.360 | 57.44 | 58.65 | 57.10 | 59.34 | 57.43 | 58.80 | 15.838 | 0.435 |
| 6/10/2025 7:30 | 0.426 | 1.747 | 1.803 | 3.319 | 0.372 | 3.358 | 57.44 | 58.48 | 57.10 | 59.34 | 57.39 | 58.80 | 15.785 | 0.434 |
| 6/10/2025 7:40 | 0.413 | 1.758 | 1.807 | 3.323 | 0.378 | 3.364 | 57.44 | 58.48 | 57.10 | 59.34 | 57.36 | 58.80 | 15.617 | 0.433 |
| 6/10/2025 7:50 | 0.402 | 1.747 | 1.803 | 3.316 | 0.375 | 3.352 | 57.44 | 58.48 | 57.10 | 59.34 | 57.34 | 58.79 | 15.704 | 0.433 |
| 6/10/2025 8:00 | 0.401 | 1.750 | 1.799 | 3.314 | 0.374 | 3.363 | 57.44 | 58.48 | 57.10 | 59.34 | 57.31 | 58.79 | 15.582 | 0.432 |
| 6/10/2025 8:10 | 0.395 | 1.749 | 1.799 | 3.310 | 0.373 | 3.353 | 57.27 | 58.48 | 57.27 | 59.34 | 57.29 | 58.78 | 15.427 | 0.431 |
| 6/10/2025 8:20 | 0.391 | 1.756 | 1.810 | 3.316 | 0.382 | 3.353 | 57.27 | 58.48 | 57.27 | 59.16 | 57.27 | 58.78 | 15.671 | 0.431 |
| 6/10/2025 8:30 | 0.396 | 1.756 | 1.814 | 3.317 | 0.384 | 3.371 | 57.27 | 58.30 | 57.27 | 59.16 | 57.25 | 58.78 | 15.385 | 0.431 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/10/2025 8:40 | 0.388 | 1.756 | 1.814 | 3.317 | 0.376 | 3.365 | 57.27 | 58.30 | 57.27 | 59.16 | 57.24 | 58.77 | 15.281 | 0.430 |
| 6/10/2025 8:50 | 0.383 | 1.756 | 1.813 | 3.320 | 0.385 | 3.365 | 57.27 | 58.30 | 57.27 | 59.16 | 57.22 | 58.77 | 15.214 | 0.430 |
| 6/10/2025 9:00 | 0.395 | 1.751 | 1.802 | 3.312 | 0.376 | 3.363 | 57.27 | 58.30 | 57.27 | 59.16 | 57.21 | 58.77 | 15.128 | 0.430 |
| 6/10/2025 9:10 | 0.472 | 1.758 | 1.801 | 3.322 | 0.377 | 3.366 | 57.27 | 58.30 | 57.27 | 59.16 | 57.20 | 58.77 | 15.025 | 0.429 |
| 6/10/2025 9:20 | 0.629 | 1.754 | 1.806 | 3.318 | 0.381 | 3.373 | 57.10 | 58.30 | 57.44 | 59.16 | 57.19 | 58.77 | 14.907 | 0.431 |
| 6/10/2025 9:30 | 0.799 | 1.754 | 1.802 | 3.318 | 0.383 | 3.369 | 57.27 | 58.30 | 57.44 | 59.16 | 57.18 | 58.76 | 14.803 | 0.430 |
| 6/10/2025 9:40 | 0.926 | 1.751 | 1.795 | 3.311 | 0.373 | 3.359 | 57.27 | 58.30 | 57.44 | 59.16 | 57.17 | 58.76 | 14.748 | 0.429 |
| 6/10/2025 9:50 | 1.112 | 1.744 | 1.798 | 3.311 | 0.378 | 3.355 | 57.27 | 58.30 | 57.44 | 59.16 | 57.16 | 58.76 | 14.699 | 0.429 |
| 6/10/2025 10:00 | 1.346 | 1.742 | 1.794 | 3.306 | 0.428 | 3.356 | 57.27 | 58.30 | 57.44 | 59.16 | 57.15 | 58.76 | 14.592 | 0.429 |
| 6/10/2025 10:10 | 1.548 | 1.740 | 1.796 | 3.308 | 0.547 | 3.355 | 57.79 | 58.30 | 57.44 | 59.16 | 57.14 | 58.76 | 14.609 | 0.428 |
| 6/10/2025 10:20 | 1.905 | 1.765 | 1.794 | 3.302 | 0.731 | 3.354 | 57.79 | 58.13 | 57.44 | 59.16 | 57.19 | 58.76 | 14.736 | 0.428 |
| 6/10/2025 10:30 | 2.125 | 1.866 | 1.888 | 3.295 | 0.882 | 3.349 | 58.13 | 58.13 | 57.61 | 58.99 | 58.37 | 58.76 | 19.788 | 0.428 |
| 6/10/2025 10:40 | 2.399 | 2.019 | 2.038 | 3.306 | 1.039 | 3.359 | 58.65 | 58.13 | 57.61 | 58.99 | 58.66 | 58.76 | 21.917 | 0.428 |
| 6/10/2025 10:50 | 2.607 | 2.161 | 2.180 | 3.299 | 1.177 | 3.341 | 59.16 | 58.13 | 57.79 | 58.99 | 58.66 | 58.76 | 23.009 | 0.428 |
| 6/10/2025 11:00 | 2.816 | 2.306 | 2.325 | 3.291 | 1.327 | 3.333 | 59.34 | 58.13 | 57.79 | 58.99 | 58.71 | 58.76 | 23.645 | 0.428 |
| 6/10/2025 11:10 | 2.959 | 2.447 | 2.468 | 3.294 | 1.467 | 3.343 | 59.51 | 58.30 | 57.96 | 58.99 | 58.82 | 58.76 | 24.085 | 0.428 |
| 6/10/2025 11:20 | 3.117 | 2.574 | 2.588 | 3.293 | 1.589 | 3.344 | 59.68 | 58.30 | 57.96 | 58.99 | 58.97 | 58.76 | 24.461 | 0.428 |
| 6/10/2025 11:30 | 3.154 | 2.702 | 2.711 | 3.311 | 1.717 | 3.345 | 59.68 | 58.48 | 58.13 | 58.99 | 59.01 | 58.76 | 24.779 | 0.428 |
| 6/10/2025 11:40 | 3.130 | 2.805 | 2.804 | 3.298 | 1.820 | 3.342 | 59.85 | 58.65 | 58.13 | 58.99 | 58.99 | 58.76 | 24.850 | 0.429 |
| 6/10/2025 11:50 | 3.134 | 2.898 | 2.904 | 3.310 | 1.913 | 3.346 | 59.85 | 58.82 | 58.30 | 58.99 | 59.02 | 58.76 | 24.868 | 0.429 |
| 6/10/2025 12:00 | 3.151 | 2.972 | 2.975 | 3.307 | 1.978 | 3.345 | 60.02 | 58.99 | 58.48 | 58.99 | 59.07 | 58.76 | 24.845 | 0.431 |
| 6/10/2025 12:10 | 3.071 | 3.033 | 3.041 | 3.306 | 2.050 | 3.342 | 59.85 | 59.16 | 58.65 | 58.99 | 59.13 | 58.76 | 24.839 | 0.432 |
| 6/10/2025 12:20 | 3.029 | 3.076 | 3.094 | 3.307 | 2.077 | 3.331 | 59.85 | 59.16 | 58.82 | 58.99 | 59.18 | 58.76 | 24.809 | 0.433 |
| 6/10/2025 12:30 | 2.896 | 3.047 | 3.080 | 3.308 | 2.046 | 3.343 | 60.02 | 59.16 | 58.82 | 58.99 | 59.22 | 58.76 | 24.785 | 0.434 |
| 6/10/2025 12:40 | 2.821 | 2.950 | 2.957 | 3.319 | 1.962 | 3.348 | 60.20 | 59.16 | 58.99 | 58.99 | 59.27 | 58.77 | 24.776 | 0.435 |
| 6/10/2025 12:50 | 2.624 | 2.817 | 2.841 | 3.312 | 1.813 | 3.342 | 60.20 | 59.16 | 58.99 | 58.99 | 59.31 | 58.77 | 24.756 | 0.435 |
| 6/10/2025 13:00 | 2.601 | 2.682 | 2.708 | 3.312 | 1.701 | 3.343 | 60.37 | 58.99 | 58.82 | 58.99 | 59.34 | 58.77 | 24.739 | 0.436 |
| 6/10/2025 13:10 | 2.408 | 2.549 | 2.567 | 3.305 | 1.544 | 3.346 | 60.20 | 58.99 | 58.82 | 58.99 | 59.35 | 58.77 | 24.706 | 0.437 |
| 6/10/2025 13:20 | 2.275 | 2.396 | 2.429 | 3.306 | 1.396 | 3.333 | 60.20 | 58.99 | 58.82 | 58.99 | 59.37 | 58.77 | 24.660 | 0.438 |
| 6/10/2025 13:30 | 2.089 | 2.267 | 2.311 | 3.304 | 1.246 | 3.335 | 60.02 | 58.99 | 58.82 | 58.99 | 59.38 | 58.77 | 24.645 | 0.445 |
| 6/10/2025 13:40 | 1.960 | 2.143 | 2.178 | 3.305 | 1.118 | 3.348 | 59.85 | 58.99 | 58.82 | 58.82 | 59.38 | 58.77 | 24.602 | 0.443 |
| 6/10/2025 13:50 | 1.808 | 2.019 | 2.053 | 3.307 | 0.969 | 3.343 | 59.68 | 58.99 | 58.82 | 58.82 | 59.37 | 58.78 | 24.559 | 0.448 |
| 6/10/2025 14:00 | 1.688 | 1.918 | 1.960 | 3.310 | 0.846 | 3.340 | 59.68 | 58.99 | 58.82 | 58.82 | 59.35 | 58.78 | 24.492 | 0.449 |
| 6/10/2025 14:10 | 1.568 | 1.848 | 1.882 | 3.301 | 0.728 | 3.340 | 59.51 | 58.99 | 58.82 | 58.82 | 59.32 | 58.78 | 24.470 | 0.448 |
| 6/10/2025 14:20 | 1.468 | 1.809 | 1.841 | 3.304 | 0.641 | 3.348 | 59.34 | 58.99 | 58.82 | 58.82 | 59.28 | 58.78 | 24.401 | 0.448 |
| 6/10/2025 14:30 | 1.377 | 1.778 | 1.819 | 3.304 | 0.552 | 3.348 | 59.34 | 58.99 | 58.82 | 58.82 | 59.21 | 58.78 | 24.338 | 0.447 |
| 6/10/2025 14:40 | 1.294 | 1.766 | 1.823 | 3.315 | 0.498 | 3.346 | 59.34 | 58.99 | 58.82 | 58.82 | 59.15 | 58.78 | 24.314 | 0.447 |
| 6/10/2025 14:50 | 1.208 | 1.755 | 1.820 | 3.307 | 0.444 | 3.353 | 59.51 | 58.99 | 58.82 | 58.82 | 59.09 | 58.78 | 24.264 | 0.445 |
| 6/10/2025 15:00 | 1.132 | 1.754 | 1.822 | 3.314 | 0.422 | 3.354 | 59.68 | 58.99 | 58.65 | 58.82 | 59.02 | 58.78 | 24.183 | 0.445 |
| 6/10/2025 15:10 | 1.066 | 1.744 | 1.810 | 3.312 | 0.406 | 3.352 | 59.51 | 58.82 | 58.65 | 58.82 | 58.97 | 58.78 | 24.025 | 0.444 |
| 6/10/2025 15:20 | 1.002 | 1.740 | 1.813 | 3.307 | 0.391 | 3.351 | 59.51 | 58.82 | 58.65 | 58.82 | 58.91 | 58.78 | 23.938 | 0.443 |
| 6/10/2025 15:30 | 0.950 | 1.747 | 1.809 | 3.307 | 0.385 | 3.348 | 59.34 | 58.82 | 58.65 | 58.82 | 58.86 | 58.78 | 23.622 | 0.443 |
| 6/10/2025 15:40 | 0.903 | 1.744 | 1.813 | 3.308 | 0.382 | 3.352 | 59.34 | 58.82 | 58.65 | 58.82 | 58.82 | 58.79 | 23.316 | 0.443 |
| 6/10/2025 15:50 | 0.858 | 1.747 | 1.809 | 3.314 | 0.379 | 3.351 | 59.34 | 58.82 | 58.65 | 58.82 | 58.79 | 58.78 | 23.082 | 0.442 |
| 6/10/2025 16:00 | 0.817 | 1.753 | 1.801 | 3.313 | 0.379 | 3.360 | 59.16 | 58.82 | 58.65 | 58.82 | 58.76 | 58.78 | 22.949 | 0.442 |
| 6/10/2025 16:10 | 0.770 | 1.738 | 1.793 | 3.305 | 0.372 | 3.344 | 59.34 | 58.82 | 58.65 | 58.82 | 58.73 | 58.79 | 22.793 | 0.441 |
| 6/10/2025 16:20 | 0.725 | 1.736 | 1.788 | 3.307 | 0.369 | 3.339 | 59.16 | 58.82 | 58.65 | 58.82 | 58.71 | 58.79 | 22.676 | 0.440 |
| 6/10/2025 16:30 | 0.703 | 1.734 | 1.794 | 3.314 | 0.373 | 3.349 | 59.16 | 58.82 | 58.65 | 58.82 | 58.68 | 58.80 | 22.686 | 0.437 |
| 6/10/2025 16:40 | 0.665 | 1.729 | 1.782 | 3.304 | 0.364 | 3.345 | 58.99 | 58.82 | 58.65 | 58.82 | 58.65 | 58.80 | 22.431 | 0.434 |
| 6/10/2025 16:50 | 0.639 | 1.735 | 1.792 | 3.310 | 0.367 | 3.346 | 58.99 | 58.82 | 58.82 | 58.82 | 58.64 | 58.80 | 22.274 | 0.433 |
| 6/10/2025 17:00 | 0.618 | 1.737 | 1.787 | 3.308 | 0.378 | 3.345 | 59.16 | 58.82 | 58.82 | 58.82 | 58.62 | 58.80 | 22.247 | 0.431 |
| 6/10/2025 17:10 | 0.595 | 1.729 | 1.791 | 3.308 | 0.370 | 3.348 | 59.16 | 58.82 | 58.82 | 58.82 | 58.61 | 58.80 | 22.259 | 0.430 |
| 6/10/2025 17:20 | 0.559 | 1.725 | 1.781 | 3.296 | 0.371 | 3.346 | 59.16 | 58.82 | 58.99 | 58.82 | 58.60 | 58.80 | 22.064 | 0.428 |
| 6/10/2025 17:30 | 0.549 | 1.731 | 1.787 | 3.306 | 0.368 | 3.340 | 58.99 | 58.82 | 58.99 | 58.82 | 58.59 | 58.80 | 21.911 | 0.428 |
| 6/10/2025 17:40 | 0.527 | 1.737 | 1.785 | 3.300 | 0.370 | 3.348 | 58.99 | 58.82 | 58.99 | 58.82 | 58.59 | 58.80 | 21.846 | 0.433 |
| 6/10/2025 17:50 | 0.518 | 1.737 | 1.792 | 3.308 | 0.382 | 3.349 | 58.82 | 58.82 | 58.99 | 58.82 | 58.57 | 58.80 | 21.809 | 0.434 |
| 6/10/2025 18:00 | 0.498 | 1.736 | 1.790 | 3.299 | 0.378 | 3.354 | 58.82 | 58.82 | 58.99 | 58.82 | 58.56 | 58.80 | 21.744 | 0.433 |
| 6/10/2025 18:10 | 0.478 | 1.732 | 1.788 | 3.303 | 0.380 | 3.350 | 58.65 | 58.82 | 58.99 | 58.82 | 58.54 | 58.80 | 21.721 | 0.433 |
| 6/10/2025 18:20 | 0.478 | 1.740 | 1.791 | 3.308 | 0.375 | 3.347 | 58.65 | 58.82 | 58.99 | 58.82 | 58.52 | 58.80 | 21.667 | 0.432 |
| 6/10/2025 18:30 | 0.454 | 1.729 | 1.784 | 3.296 | 0.371 | 3.349 | 58.48 | 58.82 | 58.99 | 58.82 | 58.48 | 58.80 | 21.639 | 0.432 |
| 6/10/2025 18:40 | 0.449 | 1.744 | 1.794 | 3.307 | 0.381 | 3.357 | 58.48 | 58.82 | 58.82 | 58.82 | 58.46 | 58.79 | 21.584 | 0.431 |
| 6/10/2025 18:50 | 0.438 | 1.732 | 1.790 | 3.300 | 0.380 | 3.359 | 58.48 | 58.82 | 58.82 | 58.99 | 58.45 | 58.79 | 21.486 | 0.429 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/10/2025 19:00 | 0.433 | 1.747 | 1.797 | 3.315 | 0.377 | 3.356 | 58.48 | 58.82 | 58.82 | 58.99 | 58.43 | 58.79 | 21.361 | 0.428 |
| 6/10/2025 19:10 | 0.421 | 1.735 | 1.788 | 3.299 | 0.369 | 3.348 | 58.48 | 58.82 | 58.65 | 58.99 | 58.41 | 58.79 | 21.178 | 0.427 |
| 6/10/2025 19:20 | 0.415 | 1.737 | 1.779 | 3.309 | 0.372 | 3.348 | 58.30 | 58.82 | 58.65 | 58.99 | 58.40 | 58.79 | 20.926 | 0.426 |
| 6/10/2025 19:30 | 0.412 | 1.746 | 1.790 | 3.307 | 0.377 | 3.351 | 58.30 | 58.82 | 58.48 | 58.99 | 58.39 | 58.78 | 20.713 | 0.424 |
| 6/10/2025 19:40 | 0.405 | 1.743 | 1.791 | 3.307 | 0.373 | 3.349 | 58.30 | 58.82 | 58.48 | 58.99 | 58.37 | 58.78 | 20.443 | 0.422 |
| 6/10/2025 19:50 | 0.390 | 1.733 | 1.788 | 3.305 | 0.377 | 3.342 | 58.13 | 58.82 | 58.30 | 58.99 | 58.35 | 58.78 | 20.167 | 0.421 |
| 6/10/2025 20:00 | 0.397 | 1.744 | 1.791 | 3.312 | 0.379 | 3.343 | 58.13 | 58.82 | 58.30 | 58.99 | 58.32 | 58.77 | 20.040 | 0.421 |
| 6/10/2025 20:10 | 0.389 | 1.741 | 1.791 | 3.309 | 0.370 | 3.350 | 57.96 | 58.82 | 58.13 | 58.99 | 58.29 | 58.77 | 19.818 | 0.429 |
| 6/10/2025 20:20 | 0.386 | 1.734 | 1.788 | 3.310 | 0.375 | 3.346 | 57.96 | 58.82 | 58.13 | 58.99 | 58.26 | 58.76 | 19.639 | 0.425 |
| 6/10/2025 20:30 | 0.402 | 1.741 | 1.788 | 3.313 | 0.374 | 3.352 | 57.96 | 58.82 | 58.13 | 58.99 | 58.22 | 58.76 | 19.486 | 0.425 |
| 6/10/2025 20:40 | 0.473 | 1.734 | 1.780 | 3.310 | 0.371 | 3.351 | 57.79 | 58.82 | 57.96 | 58.99 | 58.18 | 58.76 | 19.302 | 0.425 |
| 6/10/2025 20:50 | 0.631 | 1.738 | 1.787 | 3.310 | 0.374 | 3.354 | 57.79 | 58.65 | 57.96 | 58.99 | 58.14 | 58.76 | 19.114 | 0.425 |
| 6/10/2025 21:00 | 0.808 | 1.745 | 1.790 | 3.310 | 0.376 | 3.356 | 57.79 | 58.65 | 57.79 | 58.99 | 58.10 | 58.75 | 18.985 | 0.425 |
| 6/10/2025 21:10 | 0.998 | 1.738 | 1.787 | 3.311 | 0.377 | 3.352 | 57.79 | 58.65 | 57.79 | 58.99 | 58.05 | 58.75 | 18.871 | 0.424 |
| 6/10/2025 21:20 | 1.228 | 1.735 | 1.783 | 3.304 | 0.384 | 3.348 | 57.79 | 58.65 | 57.79 | 58.99 | 58.01 | 58.75 | 18.590 | 0.424 |
| 6/10/2025 21:30 | 1.504 | 1.739 | 1.787 | 3.311 | 0.497 | 3.349 | 57.96 | 58.65 | 57.79 | 58.99 | 57.97 | 58.75 | 18.242 | 0.422 |
| 6/10/2025 21:40 | 1.827 | 1.750 | 1.793 | 3.311 | 0.710 | 3.355 | 57.96 | 58.65 | 57.61 | 58.99 | 57.94 | 58.75 | 17.901 | 0.419 |
| 6/10/2025 21:50 | 2.191 | 1.869 | 1.892 | 3.311 | 0.889 | 3.351 | 57.96 | 58.65 | 57.61 | 58.99 | 58.39 | 58.74 | 19.472 | 0.417 |
| 6/10/2025 22:00 | 2.564 | 2.018 | 2.042 | 3.304 | 1.051 | 3.351 | 58.30 | 58.48 | 57.61 | 58.99 | 58.75 | 58.73 | 20.829 | 0.415 |
| 6/10/2025 22:10 | 2.933 | 2.191 | 2.207 | 3.301 | 1.223 | 3.357 | 58.65 | 58.48 | 57.61 | 58.99 | 58.80 | 58.73 | 22.100 | 0.414 |
| 6/10/2025 22:20 | 3.285 | 2.356 | 2.378 | 3.305 | 1.384 | 3.351 | 58.65 | 58.48 | 57.44 | 58.99 | 58.77 | 58.72 | 23.409 | 0.413 |
| 6/10/2025 22:30 | 3.498 | 2.521 | 2.542 | 3.305 | 1.553 | 3.356 | 58.48 | 58.48 | 57.44 | 58.99 | 58.70 | 58.72 | 24.546 | 0.413 |
| 6/10/2025 22:40 | 3.755 | 2.674 | 2.688 | 3.305 | 1.693 | 3.354 | 58.48 | 58.48 | 57.44 | 58.99 | 58.54 | 58.71 | 25.511 | 0.413 |
| 6/10/2025 22:50 | 3.884 | 2.819 | 2.834 | 3.312 | 1.844 | 3.359 | 58.48 | 58.65 | 57.44 | 58.99 | 58.33 | 58.71 | 26.169 | 0.413 |
| 6/10/2025 23:00 | 4.022 | 2.946 | 2.947 | 3.304 | 1.965 | 3.354 | 58.30 | 58.65 | 57.44 | 58.99 | 58.24 | 58.70 | 26.419 | 0.413 |
| 6/10/2025 23:10 | 4.105 | 3.058 | 3.063 | 3.312 | 2.080 | 3.354 | 58.30 | 58.82 | 57.44 | 58.99 | 58.22 | 58.70 | 26.498 | 0.413 |
| 6/10/2025 23:20 | 4.251 | 3.166 | 3.167 | 3.312 | 2.179 | 3.358 | 58.30 | 58.82 | 57.61 | 58.99 | 58.19 | 58.70 | 26.566 | 0.414 |
| 6/10/2025 23:30 | 4.244 | 3.246 | 3.254 | 3.316 | 2.273 | 3.355 | 58.30 | 58.99 | 57.61 | 58.99 | 58.16 | 58.70 | 26.678 | 0.415 |
| 6/10/2025 23:40 | 4.255 | 3.327 | 3.324 | 3.359 | 2.337 | 3.355 | 58.30 | 58.82 | 57.79 | 58.99 | 58.13 | 58.69 | 26.811 | 0.414 |
| 6/10/2025 23:50 | 4.219 | 3.399 | 3.406 | 3.428 | 2.410 | 3.350 | 58.30 | 58.82 | 58.13 | 58.99 | 58.11 | 58.69 | 26.953 | 0.414 |
| 6/11/2025 0:00 | 4.195 | 3.452 | 3.454 | 3.486 | 2.463 | 3.349 | 58.30 | 58.82 | 58.48 | 58.99 | 58.10 | 58.69 | 27.060 | 0.414 |
| 6/11/2025 0:10 | 4.206 | 3.497 | 3.506 | 3.524 | 2.508 | 3.345 | 58.30 | 58.65 | 58.82 | 58.99 | 58.08 | 58.68 | 27.160 | 0.414 |
| 6/11/2025 0:20 | 4.083 | 3.540 | 3.546 | 3.567 | 2.545 | 3.356 | 58.13 | 58.65 | 58.82 | 58.99 | 58.07 | 58.68 | 27.255 | 0.414 |
| 6/11/2025 0:30 | 3.987 | 3.585 | 3.579 | 3.593 | 2.581 | 3.355 | 58.13 | 58.65 | 58.99 | 58.99 | 58.06 | 58.67 | 27.290 | 0.414 |
| 6/11/2025 0:40 | 3.849 | 3.604 | 3.605 | 3.624 | 2.607 | 3.361 | 58.13 | 58.65 | 58.99 | 58.99 | 58.05 | 58.67 | 27.367 | 0.413 |
| 6/11/2025 0:50 | 3.739 | 3.632 | 3.638 | 3.644 | 2.625 | 3.350 | 58.13 | 58.65 | 58.99 | 58.99 | 58.04 | 58.66 | 27.383 | 0.413 |
| 6/11/2025 1:00 | 3.518 | 3.625 | 3.628 | 3.661 | 2.602 | 3.347 | 58.13 | 58.65 | 58.99 | 58.99 | 58.03 | 58.66 | 27.285 | 0.413 |
| 6/11/2025 1:10 | 3.333 | 3.494 | 3.505 | 3.642 | 2.475 | 3.358 | 58.13 | 58.48 | 58.99 | 58.99 | 58.03 | 58.65 | 27.555 | 0.413 |
| 6/11/2025 1:20 | 3.096 | 3.306 | 3.321 | 3.572 | 2.256 | 3.360 | 58.13 | 58.48 | 58.82 | 58.99 | 58.06 | 58.64 | 27.725 | 0.413 |
| 6/11/2025 1:30 | 2.891 | 3.072 | 3.097 | 3.498 | 2.045 | 3.354 | 58.13 | 58.48 | 58.48 | 58.82 | 58.07 | 58.64 | 27.745 | 0.413 |
| 6/11/2025 1:40 | 2.647 | 2.843 | 2.873 | 3.425 | 1.796 | 3.354 | 58.13 | 58.48 | 57.96 | 58.99 | 58.08 | 58.63 | 27.762 | 0.412 |
| 6/11/2025 1:50 | 2.454 | 2.633 | 2.660 | 3.387 | 1.588 | 3.350 | 58.13 | 58.48 | 57.61 | 58.82 | 58.08 | 58.62 | 27.747 | 0.412 |
| 6/11/2025 2:00 | 2.259 | 2.435 | 2.468 | 3.353 | 1.395 | 3.347 | 58.13 | 58.48 | 57.61 | 58.82 | 58.08 | 58.61 | 27.649 | 0.411 |
| 6/11/2025 2:10 | 2.082 | 2.282 | 2.304 | 3.350 | 1.229 | 3.354 | 58.13 | 58.48 | 57.44 | 58.82 | 58.08 | 58.61 | 27.555 | 0.410 |
| 6/11/2025 2:20 | 1.925 | 2.141 | 2.173 | 3.339 | 1.076 | 3.357 | 58.13 | 58.48 | 57.44 | 58.82 | 58.05 | 58.60 | 27.467 | 0.410 |
| 6/11/2025 2:30 | 1.784 | 2.023 | 2.056 | 3.333 | 0.935 | 3.359 | 58.13 | 58.48 | 57.44 | 58.82 | 57.99 | 58.60 | 27.353 | 0.409 |
| 6/11/2025 2:40 | 1.662 | 1.933 | 1.969 | 3.334 | 0.818 | 3.357 | 57.96 | 58.48 | 57.27 | 58.82 | 57.92 | 58.59 | 27.203 | 0.409 |
| 6/11/2025 2:50 | 1.544 | 1.863 | 1.900 | 3.330 | 0.710 | 3.356 | 57.96 | 58.30 | 57.27 | 58.82 | 57.85 | 58.58 | 27.041 | 0.408 |
| 6/11/2025 3:00 | 1.443 | 1.815 | 1.857 | 3.328 | 0.619 | 3.354 | 57.96 | 58.30 | 57.10 | 58.82 | 57.78 | 58.57 | 26.871 | 0.408 |
| 6/11/2025 3:10 | 1.349 | 1.789 | 1.827 | 3.312 | 0.536 | 3.343 | 57.96 | 58.30 | 56.92 | 58.82 | 57.71 | 58.57 | 26.637 | 0.409 |
| 6/11/2025 3:20 | 1.274 | 1.781 | 1.835 | 3.328 | 0.493 | 3.361 | 57.96 | 58.30 | 56.92 | 58.82 | 57.65 | 58.56 | 26.552 | 0.409 |
| 6/11/2025 3:30 | 1.193 | 1.771 | 1.832 | 3.322 | 0.452 | 3.357 | 57.96 | 58.13 | 56.75 | 58.82 | 57.59 | 58.56 | 26.146 | 0.409 |
| 6/11/2025 3:40 | 1.130 | 1.775 | 1.839 | 3.326 | 0.429 | 3.354 | 57.79 | 58.13 | 56.75 | 58.82 | 57.52 | 58.55 | 25.764 | 0.413 |
| 6/11/2025 3:50 | 1.071 | 1.764 | 1.831 | 3.323 | 0.412 | 3.359 | 57.79 | 58.13 | 56.58 | 58.82 | 57.46 | 58.55 | 25.596 | 0.413 |
| 6/11/2025 4:00 | 1.012 | 1.765 | 1.817 | 3.316 | 0.395 | 3.358 | 57.61 | 58.13 | 56.58 | 58.82 | 57.39 | 58.55 | 25.321 | 0.413 |
| 6/11/2025 4:10 | 0.959 | 1.755 | 1.815 | 3.310 | 0.392 | 3.350 | 57.61 | 57.96 | 56.40 | 58.82 | 57.33 | 58.54 | 25.131 | 0.414 |
| 6/11/2025 4:20 | 0.908 | 1.751 | 1.803 | 3.306 | 0.375 | 3.351 | 57.61 | 57.96 | 56.40 | 58.82 | 57.26 | 58.54 | 25.033 | 0.414 |
| 6/11/2025 4:30 | 0.864 | 1.751 | 1.806 | 3.310 | 0.386 | 3.359 | 57.44 | 57.96 | 56.23 | 58.82 | 57.20 | 58.54 | 24.904 | 0.415 |
| 6/11/2025 4:40 | 0.832 | 1.763 | 1.810 | 3.314 | 0.384 | 3.360 | 57.27 | 57.96 | 56.23 | 58.82 | 57.14 | 58.54 | 24.772 | 0.417 |
| 6/11/2025 4:50 | 0.786 | 1.752 | 1.803 | 3.312 | 0.382 | 3.362 | 57.27 | 57.79 | 56.23 | 58.82 | 57.07 | 58.53 | 24.673 | 0.421 |
| 6/11/2025 5:00 | 0.755 | 1.749 | 1.804 | 3.312 | 0.384 | 3.362 | 57.10 | 57.79 | 56.23 | 58.82 | 57.00 | 58.53 | 24.633 | 0.424 |
| 6/11/2025 5:10 | 0.719 | 1.745 | 1.804 | 3.309 | 0.389 | 3.360 | 57.10 | 57.79 | 56.23 | 58.82 | 56.94 | 58.53 | 24.551 | 0.426 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/11/2025 5:20 | 0.688 | 1.749 | 1.803 | 3.313 | 0.374 | 3.357 | 57.10 | 57.79 | 56.06 | 58.82 | 56.87 | 58.52 | 24.396 | 0.429 |
| 6/11/2025 5:30 | 0.656 | 1.741 | 1.799 | 3.309 | 0.377 | 3.361 | 56.92 | 57.61 | 56.06 | 58.82 | 56.81 | 58.52 | 24.231 | 0.429 |
| 6/11/2025 5:40 | 0.632 | 1.749 | 1.799 | 3.305 | 0.382 | 3.355 | 56.92 | 57.61 | 56.06 | 58.82 | 56.75 | 58.51 | 24.066 | 0.429 |
| 6/11/2025 5:50 | 0.604 | 1.756 | 1.798 | 3.316 | 0.378 | 3.360 | 56.75 | 57.61 | 56.06 | 58.65 | 56.69 | 58.50 | 23.980 | 0.429 |
| 6/11/2025 6:00 | 0.584 | 1.748 | 1.798 | 3.308 | 0.376 | 3.361 | 56.75 | 57.61 | 56.06 | 58.65 | 56.64 | 58.49 | 23.864 | 0.429 |
| 6/11/2025 6:10 | 0.559 | 1.751 | 1.786 | 3.306 | 0.377 | 3.350 | 56.75 | 57.61 | 56.06 | 58.65 | 56.58 | 58.48 | 23.667 | 0.429 |
| 6/11/2025 6:20 | 0.539 | 1.742 | 1.789 | 3.306 | 0.375 | 3.352 | 56.58 | 57.44 | 56.06 | 58.65 | 56.54 | 58.47 | 23.552 | 0.429 |
| 6/11/2025 6:30 | 0.529 | 1.749 | 1.788 | 3.312 | 0.378 | 3.361 | 56.58 | 57.44 | 56.06 | 58.65 | 56.49 | 58.46 | 23.383 | 0.429 |
| 6/11/2025 6:40 | 0.501 | 1.748 | 1.787 | 3.304 | 0.368 | 3.341 | 56.58 | 57.44 | 56.06 | 58.65 | 56.45 | 58.45 | 23.266 | 0.428 |
| 6/11/2025 6:50 | 0.483 | 1.737 | 1.781 | 3.301 | 0.363 | 3.346 | 56.58 | 57.44 | 56.06 | 58.65 | 56.41 | 58.44 | 23.069 | 0.427 |
| 6/11/2025 7:00 | 0.476 | 1.735 | 1.779 | 3.307 | 0.367 | 3.343 | 56.40 | 57.44 | 56.06 | 58.65 | 56.38 | 58.43 | 22.983 | 0.426 |
| 6/11/2025 7:10 | 0.450 | 1.729 | 1.769 | 3.289 | 0.350 | 3.333 | 56.40 | 57.27 | 56.23 | 58.65 | 56.35 | 58.42 | 22.969 | 0.425 |
| 6/11/2025 7:20 | 0.448 | 1.727 | 1.778 | 3.299 | 0.349 | 3.343 | 56.40 | 57.27 | 56.23 | 58.65 | 56.33 | 58.41 | 22.806 | 0.425 |
| 6/11/2025 7:30 | 0.435 | 1.728 | 1.766 | 3.300 | 0.352 | 3.335 | 56.58 | 57.27 | 56.40 | 58.65 | 56.32 | 58.40 | 22.691 | 0.424 |
| 6/11/2025 7:40 | 0.422 | 1.731 | 1.765 | 3.295 | 0.356 | 3.336 | 56.58 | 57.27 | 56.58 | 58.65 | 56.31 | 58.39 | 22.487 | 0.424 |
| 6/11/2025 7:50 | 0.415 | 1.732 | 1.767 | 3.308 | 0.358 | 3.355 | 56.58 | 57.27 | 56.75 | 58.65 | 56.31 | 58.39 | 22.339 | 0.423 |
| 6/11/2025 8:00 | 0.394 | 1.725 | 1.764 | 3.294 | 0.347 | 3.333 | 56.75 | 57.27 | 56.92 | 58.65 | 56.32 | 58.38 | 22.270 | 0.423 |
| 6/11/2025 8:10 | 0.394 | 1.733 | 1.765 | 3.298 | 0.352 | 3.340 | 56.92 | 57.27 | 57.10 | 58.65 | 56.35 | 58.37 | 22.148 | 0.422 |
| 6/11/2025 8:20 | 0.383 | 1.722 | 1.767 | 3.298 | 0.348 | 3.339 | 57.10 | 57.27 | 57.44 | 58.65 | 56.38 | 58.36 | 22.177 | 0.421 |
| 6/11/2025 8:30 | 0.375 | 1.725 | 1.763 | 3.301 | 0.345 | 3.336 | 57.27 | 57.27 | 57.61 | 58.65 | 56.42 | 58.36 | 22.160 | 0.420 |
| 6/11/2025 8:40 | 0.377 | 1.730 | 1.766 | 3.305 | 0.357 | 3.339 | 57.44 | 57.27 | 57.96 | 58.48 | 56.48 | 58.36 | 22.128 | 0.419 |
| 6/11/2025 8:50 | 0.361 | 1.730 | 1.767 | 3.293 | 0.341 | 3.334 | 57.61 | 57.27 | 58.30 | 58.48 | 56.55 | 58.35 | 21.987 | 0.418 |
| 6/11/2025 9:00 | 0.368 | 1.732 | 1.774 | 3.303 | 0.348 | 3.338 | 57.96 | 57.27 | 58.65 | 58.48 | 56.62 | 58.35 | 21.799 | 0.416 |
| 6/11/2025 9:10 | 0.361 | 1.728 | 1.761 | 3.299 | 0.351 | 3.329 | 58.13 | 57.27 | 58.99 | 58.48 | 56.71 | 58.35 | 21.664 | 0.416 |
| 6/11/2025 9:20 | 0.349 | 1.723 | 1.755 | 3.294 | 0.350 | 3.333 | 58.30 | 57.27 | 59.51 | 58.48 | 56.80 | 58.34 | 21.592 | 0.415 |
| 6/11/2025 9:30 | 0.349 | 1.718 | 1.755 | 3.289 | 0.345 | 3.327 | 58.65 | 57.27 | 59.85 | 58.48 | 56.92 | 58.34 | 21.508 | 0.414 |
| 6/11/2025 9:40 | 0.346 | 1.726 | 1.765 | 3.297 | 0.352 | 3.328 | 58.82 | 57.44 | 60.37 | 58.48 | 57.05 | 58.34 | 21.324 | 0.414 |
| 6/11/2025 9:50 | 0.343 | 1.723 | 1.763 | 3.290 | 0.356 | 3.338 | 58.99 | 57.44 | 60.71 | 58.48 | 57.20 | 58.34 | 21.167 | 0.413 |
| 6/11/2025 10:00 | 0.362 | 1.717 | 1.758 | 3.288 | 0.344 | 3.319 | 59.34 | 57.44 | 61.05 | 58.48 | 57.36 | 58.34 | 21.089 | 0.412 |
| 6/11/2025 10:10 | 0.467 | 1.722 | 1.754 | 3.292 | 0.355 | 3.333 | 59.68 | 57.61 | 61.57 | 58.48 | 57.57 | 58.34 | 20.789 | 0.412 |
| 6/11/2025 10:20 | 0.628 | 1.730 | 1.758 | 3.293 | 0.359 | 3.324 | 59.51 | 57.61 | 62.08 | 58.48 | 57.77 | 58.34 | 20.795 | 0.412 |
| 6/11/2025 10:30 | 0.749 | 1.717 | 1.757 | 3.287 | 0.351 | 3.323 | 59.85 | 57.79 | 62.60 | 58.48 | 57.99 | 58.34 | 20.582 | 0.412 |
| 6/11/2025 10:40 | 0.887 | 1.719 | 1.760 | 3.296 | 0.365 | 3.331 | 60.20 | 57.79 | 62.94 | 58.48 | 58.20 | 58.34 | 20.553 | 0.412 |
| 6/11/2025 10:50 | 1.078 | 1.719 | 1.755 | 3.289 | 0.351 | 3.325 | 60.54 | 57.96 | 63.46 | 58.48 | 58.43 | 58.35 | 20.355 | 0.412 |
| 6/11/2025 11:00 | 1.268 | 1.720 | 1.757 | 3.292 | 0.372 | 3.325 | 60.88 | 58.13 | 63.97 | 58.48 | 58.68 | 58.35 | 20.219 | 0.412 |
| 6/11/2025 11:10 | 1.478 | 1.713 | 1.742 | 3.286 | 0.481 | 3.325 | 61.74 | 58.13 | 64.48 | 58.48 | 58.90 | 58.36 | 20.205 | 0.412 |
| 6/11/2025 11:20 | 1.724 | 1.721 | 1.748 | 3.286 | 0.661 | 3.313 | 61.91 | 58.30 | 65.00 | 58.48 | 59.15 | 58.36 | 20.170 | 0.412 |
| 6/11/2025 11:30 | 1.896 | 1.797 | 1.756 | 3.292 | 0.831 | 3.330 | 61.91 | 58.48 | 65.34 | 58.48 | 60.36 | 58.37 | 23.405 | 0.412 |
| 6/11/2025 11:40 | 2.158 | 1.942 | 1.952 | 3.303 | 0.959 | 3.346 | 61.74 | 58.65 | 65.85 | 58.48 | 60.95 | 58.38 | 24.565 | 0.412 |
| 6/11/2025 11:50 | 2.435 | 2.054 | 2.071 | 3.296 | 1.087 | 3.329 | 61.57 | 58.82 | 66.37 | 58.48 | 61.27 | 58.39 | 25.309 | 0.411 |
| 6/11/2025 12:00 | 2.523 | 2.183 | 2.200 | 3.294 | 1.208 | 3.326 | 61.40 | 58.99 | 66.88 | 58.48 | 61.34 | 58.40 | 25.688 | 0.411 |
| 6/11/2025 12:10 | 2.645 | 2.303 | 2.318 | 3.287 | 1.318 | 3.318 | 61.05 | 59.16 | 67.22 | 58.48 | 61.39 | 58.42 | 26.090 | 0.410 |
| 6/11/2025 12:20 | 2.610 | 2.409 | 2.426 | 3.288 | 1.432 | 3.321 | 60.88 | 59.34 | 67.91 | 58.48 | 61.28 | 58.43 | 26.638 | 0.408 |
| 6/11/2025 12:30 | 2.740 | 2.514 | 2.528 | 3.297 | 1.537 | 3.326 | 60.71 | 59.68 | 68.42 | 58.48 | 61.15 | 58.45 | 26.921 | 0.405 |
| 6/11/2025 12:40 | 2.737 | 2.588 | 2.596 | 3.282 | 1.608 | 3.308 | 60.71 | 60.02 | 69.11 | 58.48 | 61.02 | 58.47 | 26.982 | 0.402 |
| 6/11/2025 12:50 | 2.642 | 2.650 | 2.676 | 3.293 | 1.682 | 3.319 | 60.71 | 60.54 | 69.79 | 58.48 | 60.97 | 58.48 | 26.988 | 0.400 |
| 6/11/2025 13:00 | 2.542 | 2.634 | 2.677 | 3.292 | 1.664 | 3.316 | 60.71 | 60.71 | 70.31 | 58.48 | 60.97 | 58.49 | 26.980 | 0.399 |
| 6/11/2025 13:10 | 2.458 | 2.565 | 2.579 | 3.295 | 1.578 | 3.319 | 60.88 | 60.88 | 70.48 | 58.48 | 61.00 | 58.50 | 26.957 | 0.398 |
| 6/11/2025 13:20 | 2.365 | 2.454 | 2.497 | 3.280 | 1.496 | 3.310 | 61.05 | 60.88 | 70.31 | 58.48 | 61.05 | 58.51 | 26.936 | 0.398 |
| 6/11/2025 13:30 | 2.240 | 2.363 | 2.397 | 3.280 | 1.378 | 3.322 | 61.23 | 61.05 | 69.79 | 58.48 | 61.12 | 58.52 | 26.941 | 0.398 |
| 6/11/2025 13:40 | 2.121 | 2.255 | 2.272 | 3.284 | 1.255 | 3.310 | 61.40 | 61.23 | 69.62 | 58.48 | 61.22 | 58.54 | 26.944 | 0.397 |
| 6/11/2025 13:50 | 1.979 | 2.148 | 2.183 | 3.300 | 1.150 | 3.323 | 61.57 | 61.40 | 69.28 | 58.65 | 61.32 | 58.55 | 26.929 | 0.397 |
| 6/11/2025 14:00 | 1.847 | 2.023 | 2.060 | 3.282 | 1.004 | 3.308 | 61.74 | 61.57 | 69.45 | 58.65 | 61.44 | 58.56 | 26.935 | 0.396 |
| 6/11/2025 14:10 | 1.730 | 1.940 | 1.963 | 3.294 | 0.885 | 3.321 | 61.91 | 61.74 | 69.45 | 58.65 | 61.59 | 58.57 | 26.940 | 0.396 |
| 6/11/2025 14:20 | 1.601 | 1.847 | 1.878 | 3.295 | 0.773 | 3.312 | 61.74 | 62.08 | 69.79 | 58.65 | 61.76 | 58.59 | 26.956 | 0.396 |
| 6/11/2025 14:30 | 1.492 | 1.787 | 1.821 | 3.292 | 0.674 | 3.316 | 62.08 | 62.25 | 69.96 | 58.65 | 61.94 | 58.60 | 26.986 | 0.396 |
| 6/11/2025 14:40 | 1.382 | 1.743 | 1.794 | 3.291 | 0.579 | 3.314 | 62.60 | 62.43 | 70.14 | 58.82 | 62.15 | 58.62 | 26.982 | 0.395 |
| 6/11/2025 14:50 | 1.297 | 1.729 | 1.802 | 3.295 | 0.510 | 3.325 | 63.11 | 62.77 | 70.31 | 58.82 | 62.39 | 58.63 | 27.092 | 0.395 |
| 6/11/2025 15:00 | 1.218 | 1.720 | 1.791 | 3.305 | 0.464 | 3.325 | 63.46 | 62.94 | 70.48 | 58.82 | 62.66 | 58.65 | 27.152 | 0.394 |
| 6/11/2025 15:10 | 1.136 | 1.714 | 1.792 | 3.306 | 0.425 | 3.333 | 63.46 | 63.11 | 70.48 | 58.82 | 62.94 | 58.67 | 27.197 | 0.394 |
| 6/11/2025 15:20 | 1.065 | 1.693 | 1.774 | 3.288 | 0.394 | 3.318 | 64.14 | 63.28 | 70.31 | 58.99 | 63.24 | 58.68 | 27.188 | 0.393 |
| 6/11/2025 15:30 | 0.996 | 1.692 | 1.772 | 3.287 | 0.375 | 3.326 | 64.14 | 63.46 | 70.31 | 58.99 | 63.55 | 58.69 | 27.188 | 0.392 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/11/2025 15:40 | 0.936 | 1.683 | 1.753 | 3.278 | 0.359 | 3.316 | 65.00 | 63.63 | 70.31 | 58.99 | 63.84 | 58.70 | 27.165 | 0.392 |
| 6/11/2025 15:50 | 0.886 | 1.684 | 1.760 | 3.289 | 0.363 | 3.315 | 65.51 | 63.80 | 70.31 | 58.99 | 64.13 | 58.71 | 27.149 | 0.391 |
| 6/11/2025 16:00 | 0.849 | 1.698 | 1.763 | 3.300 | 0.371 | 3.333 | 65.51 | 63.97 | 70.31 | 59.16 | 64.42 | 58.73 | 27.076 | 0.391 |
| 6/11/2025 16:10 | 0.804 | 1.679 | 1.742 | 3.292 | 0.354 | 3.316 | 66.37 | 64.14 | 70.14 | 59.16 | 64.66 | 58.73 | 26.981 | 0.390 |
| 6/11/2025 16:20 | 0.761 | 1.691 | 1.747 | 3.296 | 0.361 | 3.331 | 66.37 | 64.31 | 70.14 | 59.16 | 64.87 | 58.75 | 26.873 | 0.390 |
| 6/11/2025 16:30 | 0.739 | 1.693 | 1.751 | 3.290 | 0.357 | 3.331 | 66.37 | 64.31 | 69.96 | 59.34 | 65.04 | 58.76 | 26.732 | 0.390 |
| 6/11/2025 16:40 | 0.690 | 1.690 | 1.744 | 3.291 | 0.364 | 3.327 | 66.71 | 64.48 | 69.79 | 59.34 | 65.23 | 58.77 | 26.576 | 0.392 |
| 6/11/2025 16:50 | 0.650 | 1.676 | 1.735 | 3.282 | 0.353 | 3.321 | 67.05 | 64.48 | 69.79 | 59.34 | 65.38 | 58.78 | 26.456 | 0.395 |
| 6/11/2025 17:00 | 0.624 | 1.689 | 1.742 | 3.287 | 0.366 | 3.327 | 67.22 | 64.65 | 69.62 | 59.51 | 65.52 | 58.79 | 26.339 | 0.396 |
| 6/11/2025 17:10 | 0.594 | 1.680 | 1.744 | 3.288 | 0.364 | 3.319 | 67.22 | 64.83 | 69.62 | 59.51 | 65.67 | 58.80 | 26.221 | 0.396 |
| 6/11/2025 17:20 | 0.573 | 1.687 | 1.742 | 3.295 | 0.367 | 3.338 | 67.39 | 65.00 | 69.45 | 59.51 | 65.78 | 58.81 | 26.131 | 0.396 |
| 6/11/2025 17:30 | 0.555 | 1.688 | 1.747 | 3.293 | 0.367 | 3.335 | 67.56 | 65.00 | 69.28 | 59.68 | 65.89 | 58.82 | 26.033 | 0.395 |
| 6/11/2025 17:40 | 0.525 | 1.694 | 1.744 | 3.294 | 0.366 | 3.334 | 67.56 | 65.17 | 69.11 | 59.68 | 66.00 | 58.82 | 25.952 | 0.395 |
| 6/11/2025 17:50 | 0.510 | 1.695 | 1.751 | 3.292 | 0.364 | 3.325 | 67.56 | 65.17 | 68.93 | 59.68 | 66.08 | 58.83 | 25.886 | 0.395 |
| 6/11/2025 18:00 | 0.486 | 1.691 | 1.750 | 3.292 | 0.361 | 3.331 | 67.56 | 65.34 | 68.76 | 59.85 | 66.12 | 58.84 | 25.751 | 0.395 |
| 6/11/2025 18:10 | 0.466 | 1.694 | 1.745 | 3.284 | 0.364 | 3.331 | 67.74 | 65.34 | 68.59 | 59.85 | 66.14 | 58.85 | 25.651 | 0.395 |
| 6/11/2025 18:20 | 0.452 | 1.697 | 1.746 | 3.282 | 0.360 | 3.327 | 67.39 | 65.34 | 68.25 | 59.85 | 66.13 | 58.87 | 25.542 | 0.394 |
| 6/11/2025 18:30 | 0.450 | 1.692 | 1.755 | 3.293 | 0.368 | 3.341 | 67.22 | 65.34 | 67.91 | 59.85 | 66.12 | 58.87 | 25.404 | 0.393 |
| 6/11/2025 18:40 | 0.436 | 1.705 | 1.756 | 3.295 | 0.364 | 3.340 | 67.22 | 65.34 | 67.74 | 60.02 | 66.08 | 58.88 | 25.251 | 0.392 |
| 6/11/2025 18:50 | 0.415 | 1.700 | 1.750 | 3.291 | 0.357 | 3.342 | 67.05 | 65.34 | 67.39 | 60.02 | 66.03 | 58.89 | 25.089 | 0.391 |
| 6/11/2025 19:00 | 0.400 | 1.698 | 1.751 | 3.296 | 0.363 | 3.334 | 66.88 | 65.34 | 67.22 | 60.02 | 65.97 | 58.90 | 24.847 | 0.389 |
| 6/11/2025 19:10 | 0.389 | 1.696 | 1.747 | 3.287 | 0.362 | 3.333 | 66.71 | 65.34 | 66.88 | 60.20 | 65.88 | 58.90 | 24.579 | 0.387 |
| 6/11/2025 19:20 | 0.387 | 1.699 | 1.754 | 3.291 | 0.363 | 3.337 | 66.37 | 65.34 | 66.71 | 60.20 | 65.80 | 58.91 | 24.257 | 0.386 |
| 6/11/2025 19:30 | 0.373 | 1.698 | 1.759 | 3.293 | 0.373 | 3.336 | 66.02 | 65.34 | 66.37 | 60.20 | 65.69 | 58.91 | 23.931 | 0.385 |
| 6/11/2025 19:40 | 0.367 | 1.698 | 1.756 | 3.301 | 0.363 | 3.348 | 65.68 | 65.34 | 66.02 | 60.20 | 65.59 | 58.91 | 23.579 | 0.384 |
| 6/11/2025 19:50 | 0.353 | 1.700 | 1.758 | 3.296 | 0.368 | 3.341 | 65.34 | 65.17 | 65.85 | 60.37 | 65.49 | 58.92 | 23.215 | 0.383 |
| 6/11/2025 20:00 | 0.352 | 1.696 | 1.749 | 3.285 | 0.359 | 3.338 | 65.17 | 65.17 | 65.51 | 60.37 | 65.38 | 58.92 | 22.861 | 0.382 |
| 6/11/2025 20:10 | 0.357 | 1.702 | 1.762 | 3.299 | 0.371 | 3.339 | 64.83 | 65.17 | 65.34 | 60.37 | 65.27 | 58.92 | 22.563 | 0.381 |
| 6/11/2025 20:20 | 0.348 | 1.698 | 1.760 | 3.291 | 0.362 | 3.350 | 64.65 | 65.17 | 65.00 | 60.37 | 65.15 | 58.93 | 22.230 | 0.380 |
| 6/11/2025 20:30 | 0.341 | 1.691 | 1.752 | 3.280 | 0.357 | 3.338 | 64.48 | 65.00 | 64.65 | 60.37 | 65.03 | 58.93 | 21.814 | 0.379 |
| 6/11/2025 20:40 | 0.339 | 1.698 | 1.755 | 3.288 | 0.352 | 3.342 | 64.14 | 65.00 | 64.48 | 60.37 | 64.90 | 58.93 | 21.440 | 0.379 |
| 6/11/2025 20:50 | 0.338 | 1.694 | 1.749 | 3.288 | 0.354 | 3.338 | 63.97 | 64.83 | 64.14 | 60.54 | 64.77 | 58.93 | 21.099 | 0.378 |
| 6/11/2025 21:00 | 0.331 | 1.692 | 1.750 | 3.286 | 0.354 | 3.342 | 63.63 | 64.83 | 63.97 | 60.54 | 64.63 | 58.93 | 20.681 | 0.377 |
| 6/11/2025 21:10 | 0.328 | 1.690 | 1.754 | 3.281 | 0.348 | 3.337 | 63.46 | 64.83 | 63.63 | 60.54 | 64.50 | 58.93 | 20.413 | 0.376 |
| 6/11/2025 21:20 | 0.367 | 1.698 | 1.746 | 3.289 | 0.362 | 3.343 | 63.28 | 64.65 | 63.46 | 60.54 | 64.35 | 58.93 | 20.213 | 0.375 |
| 6/11/2025 21:30 | 0.478 | 1.698 | 1.754 | 3.286 | 0.353 | 3.337 | 63.11 | 64.65 | 63.28 | 60.54 | 64.22 | 58.93 | 19.961 | 0.375 |
| 6/11/2025 21:40 | 0.649 | 1.696 | 1.750 | 3.283 | 0.355 | 3.339 | 63.11 | 64.48 | 63.11 | 60.54 | 64.07 | 58.93 | 19.657 | 0.375 |
| 6/11/2025 21:50 | 0.835 | 1.699 | 1.750 | 3.285 | 0.357 | 3.348 | 63.11 | 64.31 | 62.94 | 60.71 | 63.93 | 58.93 | 19.423 | 0.374 |
| 6/11/2025 22:00 | 1.025 | 1.696 | 1.746 | 3.273 | 0.359 | 3.339 | 63.11 | 64.31 | 62.77 | 60.71 | 63.79 | 58.93 | 19.354 | 0.374 |
| 6/11/2025 22:10 | 1.292 | 1.699 | 1.756 | 3.281 | 0.379 | 3.340 | 62.94 | 64.14 | 62.60 | 60.71 | 63.64 | 58.93 | 19.110 | 0.374 |
| 6/11/2025 22:20 | 1.592 | 1.703 | 1.752 | 3.285 | 0.508 | 3.349 | 61.91 | 64.14 | 62.43 | 60.71 | 63.50 | 58.93 | 18.764 | 0.373 |
| 6/11/2025 22:30 | 1.905 | 1.713 | 1.751 | 3.284 | 0.689 | 3.343 | 60.54 | 63.97 | 62.25 | 60.71 | 62.59 | 58.93 | 22.935 | 0.373 |
| 6/11/2025 22:40 | 2.205 | 1.828 | 1.761 | 3.280 | 0.852 | 3.339 | 60.37 | 63.80 | 62.08 | 60.71 | 61.36 | 58.93 | 25.344 | 0.373 |
| 6/11/2025 22:50 | 2.504 | 1.977 | 2.008 | 3.288 | 1.009 | 3.340 | 60.20 | 63.80 | 61.91 | 60.71 | 60.86 | 58.93 | 26.157 | 0.373 |
| 6/11/2025 23:00 | 2.814 | 2.141 | 2.169 | 3.284 | 1.168 | 3.332 | 59.68 | 63.63 | 61.91 | 60.71 | 60.97 | 58.93 | 26.506 | 0.373 |
| 6/11/2025 23:10 | 3.210 | 2.305 | 2.324 | 3.287 | 1.331 | 3.345 | 59.34 | 63.63 | 61.91 | 60.71 | 60.62 | 58.93 | 26.899 | 0.373 |
| 6/11/2025 23:20 | 3.456 | 2.467 | 2.486 | 3.292 | 1.487 | 3.344 | 59.16 | 63.46 | 61.74 | 60.71 | 60.11 | 58.93 | 27.261 | 0.372 |
| 6/11/2025 23:30 | 3.685 | 2.624 | 2.636 | 3.285 | 1.644 | 3.338 | 58.99 | 63.11 | 61.74 | 60.71 | 59.82 | 58.93 | 27.623 | 0.372 |
| 6/11/2025 23:40 | 3.861 | 2.777 | 2.773 | 3.286 | 1.785 | 3.342 | 58.99 | 62.60 | 61.74 | 60.71 | 59.64 | 58.93 | 27.910 | 0.372 |
| 6/11/2025 23:50 | 3.913 | 2.907 | 2.901 | 3.279 | 1.906 | 3.337 | 58.99 | 62.08 | 61.74 | 60.71 | 59.54 | 58.93 | 28.123 | 0.372 |
| 6/12/2025 0:00 | 4.038 | 3.029 | 3.011 | 3.283 | 2.025 | 3.335 | 58.82 | 61.74 | 61.74 | 60.71 | 59.46 | 58.93 | 28.286 | 0.372 |
| 6/12/2025 0:10 | 4.111 | 3.124 | 3.115 | 3.292 | 2.123 | 3.333 | 58.99 | 61.40 | 61.74 | 60.71 | 59.39 | 58.92 | 28.433 | 0.371 |
| 6/12/2025 0:20 | 4.116 | 3.221 | 3.212 | 3.289 | 2.221 | 3.337 | 58.82 | 61.23 | 62.08 | 60.71 | 59.32 | 58.92 | 28.552 | 0.372 |
| 6/12/2025 0:30 | 4.050 | 3.287 | 3.291 | 3.317 | 2.295 | 3.331 | 58.82 | 61.05 | 62.43 | 60.71 | 59.26 | 58.92 | 28.660 | 0.372 |
| 6/12/2025 0:40 | 3.978 | 3.359 | 3.368 | 3.371 | 2.358 | 3.354 | 58.82 | 60.71 | 62.25 | 60.71 | 59.20 | 58.92 | 28.743 | 0.372 |
| 6/12/2025 0:50 | 3.914 | 3.408 | 3.425 | 3.429 | 2.422 | 3.345 | 58.82 | 60.54 | 62.08 | 60.71 | 59.15 | 58.92 | 28.783 | 0.372 |
| 6/12/2025 1:00 | 3.838 | 3.445 | 3.460 | 3.467 | 2.450 | 3.345 | 58.82 | 60.37 | 61.91 | 60.71 | 59.11 | 58.92 | 28.827 | 0.372 |
| 6/12/2025 1:10 | 3.728 | 3.479 | 3.488 | 3.495 | 2.475 | 3.335 | 58.82 | 60.20 | 61.74 | 60.71 | 59.06 | 58.92 | 28.859 | 0.372 |
| 6/12/2025 1:20 | 3.564 | 3.512 | 3.520 | 3.528 | 2.511 | 3.343 | 58.82 | 60.02 | 61.57 | 60.71 | 59.03 | 58.91 | 28.883 | 0.373 |
| 6/12/2025 1:30 | 3.406 | 3.504 | 3.530 | 3.540 | 2.506 | 3.337 | 58.82 | 60.02 | 61.40 | 60.71 | 58.99 | 58.91 | 28.910 | 0.373 |
| 6/12/2025 1:40 | 3.229 | 3.386 | 3.402 | 3.517 | 2.379 | 3.347 | 58.82 | 60.02 | 61.23 | 60.71 | 58.94 | 58.91 | 29.052 | 0.374 |
| 6/12/2025 1:50 | 3.039 | 3.218 | 3.232 | 3.463 | 2.166 | 3.346 | 58.82 | 60.20 | 61.40 | 60.71 | 58.92 | 58.91 | 29.109 | 0.375 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/12/2025 2:00 | 2.845 | 3.011 | 3.023 | 3.400 | 1.972 | 3.336 | 58.82 | 60.37 | 61.40 | 60.71 | 58.93 | 58.91 | 29.123 | 0.376 |
| 6/12/2025 2:10 | 2.626 | 2.806 | 2.828 | 3.352 | 1.796 | 3.334 | 58.82 | 60.54 | 61.23 | 60.71 | 58.97 | 58.90 | 29.102 | 0.377 |
| 6/12/2025 2:20 | 2.449 | 2.611 | 2.637 | 3.321 | 1.580 | 3.340 | 58.82 | 60.54 | 61.05 | 60.71 | 59.01 | 58.90 | 29.049 | 0.378 |
| 6/12/2025 2:30 | 2.248 | 2.415 | 2.446 | 3.294 | 1.384 | 3.333 | 58.99 | 60.54 | 60.71 | 60.71 | 59.04 | 58.90 | 29.015 | 0.379 |
| 6/12/2025 2:40 | 2.079 | 2.255 | 2.282 | 3.286 | 1.218 | 3.333 | 58.99 | 60.71 | 60.71 | 60.71 | 59.08 | 58.90 | 29.002 | 0.380 |
| 6/12/2025 2:50 | 1.920 | 2.110 | 2.139 | 3.287 | 1.056 | 3.329 | 58.82 | 60.71 | 60.54 | 60.71 | 59.12 | 58.90 | 28.988 | 0.381 |
| 6/12/2025 3:00 | 1.777 | 1.998 | 2.030 | 3.290 | 0.936 | 3.350 | 58.82 | 60.71 | 60.54 | 60.71 | 59.17 | 58.90 | 28.976 | 0.382 |
| 6/12/2025 3:10 | 1.655 | 1.906 | 1.935 | 3.286 | 0.816 | 3.345 | 58.82 | 60.71 | 60.37 | 60.71 | 59.23 | 58.89 | 28.954 | 0.383 |
| 6/12/2025 3:20 | 1.537 | 1.826 | 1.862 | 3.275 | 0.701 | 3.338 | 58.82 | 60.71 | 60.37 | 60.71 | 59.33 | 58.89 | 28.961 | 0.385 |
| 6/12/2025 3:30 | 1.435 | 1.784 | 1.836 | 3.279 | 0.608 | 3.340 | 58.99 | 60.71 | 60.20 | 60.71 | 59.41 | 58.89 | 28.943 | 0.387 |
| 6/12/2025 3:40 | 1.349 | 1.754 | 1.836 | 3.279 | 0.530 | 3.345 | 58.99 | 60.71 | 60.02 | 60.71 | 59.45 | 58.89 | 28.876 | 0.389 |
| 6/12/2025 3:50 | 1.262 | 1.743 | 1.829 | 3.278 | 0.483 | 3.340 | 58.99 | 60.71 | 60.02 | 60.54 | 59.47 | 58.89 | 28.836 | 0.390 |
| 6/12/2025 4:00 | 1.188 | 1.728 | 1.823 | 3.279 | 0.435 | 3.338 | 59.16 | 60.71 | 60.02 | 60.54 | 59.47 | 58.88 | 28.797 | 0.391 |
| 6/12/2025 4:10 | 1.114 | 1.721 | 1.808 | 3.272 | 0.399 | 3.336 | 59.16 | 60.71 | 59.85 | 60.54 | 59.47 | 58.88 | 28.766 | 0.392 |
| 6/12/2025 4:20 | 1.055 | 1.728 | 1.805 | 3.280 | 0.392 | 3.344 | 59.16 | 60.54 | 59.85 | 60.54 | 59.45 | 58.88 | 28.722 | 0.393 |
| 6/12/2025 4:30 | 0.996 | 1.725 | 1.801 | 3.276 | 0.375 | 3.342 | 59.16 | 60.54 | 59.68 | 60.54 | 59.42 | 58.88 | 28.684 | 0.394 |
| 6/12/2025 4:40 | 0.940 | 1.721 | 1.790 | 3.280 | 0.361 | 3.339 | 59.16 | 60.54 | 59.68 | 60.54 | 59.40 | 58.87 | 28.665 | 0.395 |
| 6/12/2025 4:50 | 0.878 | 1.710 | 1.775 | 3.273 | 0.356 | 3.340 | 59.34 | 60.54 | 59.68 | 60.54 | 59.37 | 58.87 | 28.555 | 0.396 |
| 6/12/2025 5:00 | 0.839 | 1.702 | 1.768 | 3.272 | 0.353 | 3.331 | 59.34 | 60.54 | 59.68 | 60.54 | 59.33 | 58.87 | 28.509 | 0.396 |
| 6/12/2025 5:10 | 0.802 | 1.709 | 1.771 | 3.279 | 0.351 | 3.323 | 59.16 | 60.54 | 59.68 | 60.54 | 59.30 | 58.87 | 28.454 | 0.397 |
| 6/12/2025 5:20 | 0.758 | 1.708 | 1.763 | 3.279 | 0.351 | 3.338 | 59.16 | 60.37 | 59.51 | 60.54 | 59.26 | 58.87 | 28.373 | 0.397 |
| 6/12/2025 5:30 | 0.714 | 1.712 | 1.766 | 3.279 | 0.351 | 3.335 | 59.16 | 60.37 | 59.51 | 60.54 | 59.22 | 58.86 | 28.323 | 0.396 |
| 6/12/2025 5:40 | 0.698 | 1.711 | 1.762 | 3.285 | 0.354 | 3.341 | 59.16 | 60.37 | 59.51 | 60.37 | 59.18 | 58.85 | 28.227 | 0.396 |
| 6/12/2025 5:50 | 0.654 | 1.706 | 1.757 | 3.280 | 0.337 | 3.336 | 59.16 | 60.37 | 59.51 | 60.37 | 59.15 | 58.85 | 28.150 | 0.396 |
| 6/12/2025 6:00 | 0.624 | 1.712 | 1.752 | 3.279 | 0.343 | 3.322 | 59.16 | 60.37 | 59.51 | 60.37 | 59.11 | 58.85 | 28.099 | 0.396 |
| 6/12/2025 6:10 | 0.595 | 1.702 | 1.745 | 3.272 | 0.346 | 3.322 | 59.16 | 60.37 | 59.34 | 60.37 | 59.08 | 58.84 | 28.050 | 0.395 |
| 6/12/2025 6:20 | 0.569 | 1.700 | 1.743 | 3.274 | 0.342 | 3.315 | 59.16 | 60.37 | 59.34 | 60.37 | 59.05 | 58.84 | 27.956 | 0.395 |
| 6/12/2025 6:30 | 0.550 | 1.704 | 1.748 | 3.283 | 0.338 | 3.317 | 58.99 | 60.20 | 59.34 | 60.37 | 59.02 | 58.84 | 27.864 | 0.395 |
| 6/12/2025 6:40 | 0.520 | 1.699 | 1.736 | 3.270 | 0.341 | 3.309 | 58.99 | 60.20 | 59.51 | 60.37 | 59.00 | 58.83 | 27.794 | 0.395 |
| 6/12/2025 6:50 | 0.505 | 1.696 | 1.744 | 3.278 | 0.335 | 3.314 | 58.99 | 60.20 | 59.51 | 60.37 | 58.98 | 58.83 | 27.650 | 0.395 |
| 6/12/2025 7:00 | 0.480 | 1.691 | 1.728 | 3.265 | 0.329 | 3.305 | 58.99 | 60.20 | 59.51 | 60.37 | 58.97 | 58.83 | 27.561 | 0.395 |
| 6/12/2025 7:10 | 0.469 | 1.695 | 1.740 | 3.269 | 0.339 | 3.303 | 58.99 | 60.20 | 59.68 | 60.37 | 58.96 | 58.82 | 27.501 | 0.395 |
| 6/12/2025 7:20 | 0.456 | 1.705 | 1.743 | 3.279 | 0.346 | 3.314 | 59.16 | 60.20 | 59.68 | 60.20 | 58.95 | 58.82 | 27.377 | 0.395 |
| 6/12/2025 7:30 | 0.442 | 1.699 | 1.741 | 3.277 | 0.343 | 3.310 | 59.16 | 60.20 | 59.85 | 60.20 | 58.96 | 58.82 | 27.251 | 0.394 |
| 6/12/2025 7:40 | 0.424 | 1.696 | 1.739 | 3.270 | 0.336 | 3.300 | 59.16 | 60.02 | 60.02 | 60.20 | 58.96 | 58.82 | 27.154 | 0.394 |
| 6/12/2025 7:50 | 0.407 | 1.699 | 1.742 | 3.273 | 0.336 | 3.303 | 59.34 | 60.02 | 60.20 | 60.20 | 58.97 | 58.81 | 27.043 | 0.393 |
| 6/12/2025 8:00 | 0.395 | 1.701 | 1.735 | 3.264 | 0.335 | 3.296 | 59.51 | 60.02 | 60.37 | 60.20 | 58.99 | 58.81 | 26.864 | 0.393 |
| 6/12/2025 8:10 | 0.385 | 1.696 | 1.738 | 3.266 | 0.332 | 3.302 | 59.51 | 60.02 | 60.54 | 60.20 | 59.02 | 58.81 | 26.831 | 0.392 |
| 6/12/2025 8:20 | 0.376 | 1.694 | 1.733 | 3.268 | 0.322 | 3.297 | 59.68 | 60.02 | 60.71 | 60.20 | 59.05 | 58.80 | 26.674 | 0.392 |
| 6/12/2025 8:30 | 0.360 | 1.686 | 1.730 | 3.271 | 0.325 | 3.297 | 59.85 | 60.02 | 61.05 | 60.20 | 59.10 | 58.80 | 26.665 | 0.392 |
| 6/12/2025 8:40 | 0.368 | 1.704 | 1.741 | 3.278 | 0.339 | 3.311 | 60.20 | 60.02 | 61.23 | 60.20 | 59.15 | 58.80 | 26.633 | 0.392 |
| 6/12/2025 8:50 | 0.345 | 1.700 | 1.736 | 3.271 | 0.326 | 3.300 | 60.20 | 60.02 | 61.57 | 60.20 | 59.21 | 58.80 | 26.442 | 0.391 |
| 6/12/2025 9:00 | 0.344 | 1.699 | 1.739 | 3.273 | 0.331 | 3.294 | 60.54 | 60.20 | 61.91 | 60.20 | 59.30 | 58.80 | 26.437 | 0.390 |
| 6/12/2025 9:10 | 0.343 | 1.698 | 1.732 | 3.271 | 0.336 | 3.302 | 60.54 | 60.20 | 62.25 | 60.02 | 59.38 | 58.80 | 26.261 | 0.389 |
| 6/12/2025 9:20 | 0.323 | 1.684 | 1.724 | 3.265 | 0.320 | 3.291 | 60.71 | 60.20 | 62.60 | 60.02 | 59.47 | 58.80 | 26.062 | 0.387 |
| 6/12/2025 9:30 | 0.327 | 1.692 | 1.728 | 3.268 | 0.322 | 3.286 | 61.05 | 60.20 | 62.77 | 60.02 | 59.57 | 58.80 | 25.891 | 0.385 |
| 6/12/2025 9:40 | 0.314 | 1.689 | 1.723 | 3.261 | 0.319 | 3.292 | 61.40 | 60.20 | 63.11 | 60.02 | 59.67 | 58.80 | 25.764 | 0.383 |
| 6/12/2025 9:50 | 0.317 | 1.683 | 1.730 | 3.267 | 0.325 | 3.292 | 61.74 | 60.37 | 63.46 | 60.02 | 59.78 | 58.80 | 25.621 | 0.381 |
| 6/12/2025 10:00 | 0.308 | 1.684 | 1.715 | 3.264 | 0.324 | 3.290 | 62.25 | 60.37 | 63.97 | 60.02 | 59.90 | 58.79 | 25.609 | 0.380 |
| 6/12/2025 10:10 | 0.307 | 1.690 | 1.725 | 3.277 | 0.327 | 3.304 | 62.60 | 60.37 | 64.31 | 60.02 | 60.05 | 58.80 | 25.565 | 0.378 |
| 6/12/2025 10:20 | 0.292 | 1.675 | 1.704 | 3.266 | 0.325 | 3.290 | 62.77 | 60.54 | 64.83 | 60.02 | 60.20 | 58.80 | 25.579 | 0.376 |
| 6/12/2025 10:30 | 0.294 | 1.683 | 1.714 | 3.270 | 0.330 | 3.298 | 63.28 | 60.54 | 65.17 | 60.02 | 60.38 | 58.80 | 25.559 | 0.375 |
| 6/12/2025 10:40 | 0.346 | 1.678 | 1.722 | 3.269 | 0.328 | 3.288 | 63.63 | 60.71 | 65.68 | 60.02 | 60.57 | 58.79 | 25.546 | 0.374 |
| 6/12/2025 10:50 | 0.409 | 1.677 | 1.719 | 3.272 | 0.334 | 3.291 | 63.80 | 60.71 | 66.02 | 60.02 | 60.78 | 58.80 | 25.506 | 0.373 |
| 6/12/2025 11:00 | 0.547 | 1.674 | 1.707 | 3.268 | 0.323 | 3.282 | 63.80 | 60.88 | 66.54 | 60.02 | 61.01 | 58.80 | 25.446 | 0.372 |
| 6/12/2025 11:10 | 0.712 | 1.664 | 1.703 | 3.254 | 0.335 | 3.284 | 64.14 | 60.88 | 67.05 | 60.02 | 61.26 | 58.80 | 25.369 | 0.372 |
| 6/12/2025 11:20 | 0.887 | 1.678 | 1.718 | 3.267 | 0.343 | 3.288 | 64.31 | 61.05 | 67.56 | 60.02 | 61.50 | 58.80 | 25.343 | 0.371 |
| 6/12/2025 11:30 | 1.060 | 1.676 | 1.715 | 3.273 | 0.338 | 3.297 | 64.48 | 61.23 | 68.08 | 60.02 | 61.77 | 58.80 | 25.177 | 0.370 |
| 6/12/2025 11:40 | 1.248 | 1.674 | 1.706 | 3.259 | 0.352 | 3.282 | 65.00 | 61.40 | 68.42 | 60.02 | 62.02 | 58.80 | 25.124 | 0.370 |
| 6/12/2025 11:50 | 1.483 | 1.668 | 1.713 | 3.260 | 0.475 | 3.295 | 65.00 | 61.57 | 68.93 | 60.02 | 62.22 | 58.80 | 24.923 | 0.370 |
| 6/12/2025 12:00 | 1.711 | 1.674 | 1.713 | 3.262 | 0.654 | 3.294 | 63.46 | 61.74 | 69.28 | 60.02 | 62.58 | 58.81 | 24.721 | 0.369 |
| 6/12/2025 12:10 | 1.918 | 1.764 | 1.716 | 3.268 | 0.794 | 3.295 | 63.28 | 61.91 | 69.62 | 60.02 | 62.86 | 58.81 | 26.200 | 0.368 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/12/2025 12:20 | 2.171 | 1.883 | 1.900 | 3.263 | 0.920 | 3.295 | 62.77 | 62.08 | 70.14 | 60.02 | 62.92 | 58.81 | 27.190 | 0.368 |
| 6/12/2025 12:30 | 2.334 | 2.026 | 2.042 | 3.272 | 1.057 | 3.294 | 61.74 | 62.25 | 70.48 | 60.02 | 62.79 | 58.81 | 27.891 | 0.367 |
| 6/12/2025 12:40 | 2.431 | 2.133 | 2.170 | 3.255 | 1.172 | 3.294 | 60.71 | 62.60 | 70.82 | 60.02 | 62.14 | 58.82 | 28.507 | 0.367 |
| 6/12/2025 12:50 | 2.620 | 2.254 | 2.283 | 3.264 | 1.293 | 3.291 | 60.20 | 62.94 | 71.34 | 60.02 | 61.40 | 58.82 | 28.649 | 0.367 |
| 6/12/2025 13:00 | 2.658 | 2.382 | 2.405 | 3.264 | 1.408 | 3.302 | 59.85 | 63.11 | 71.68 | 60.02 | 61.03 | 58.83 | 28.840 | 0.367 |
| 6/12/2025 13:10 | 2.596 | 2.486 | 2.503 | 3.269 | 1.510 | 3.295 | 59.34 | 63.46 | 72.20 | 60.20 | 60.80 | 58.84 | 28.970 | 0.367 |
| 6/12/2025 13:20 | 2.633 | 2.548 | 2.575 | 3.262 | 1.577 | 3.288 | 59.34 | 63.63 | 72.72 | 60.20 | 60.67 | 58.85 | 29.045 | 0.367 |
| 6/12/2025 13:30 | 2.576 | 2.612 | 2.628 | 3.268 | 1.635 | 3.304 | 59.51 | 63.63 | 73.23 | 60.20 | 60.63 | 58.87 | 29.054 | 0.367 |
| 6/12/2025 13:40 | 2.496 | 2.592 | 2.625 | 3.266 | 1.633 | 3.295 | 59.51 | 63.80 | 73.75 | 60.20 | 60.62 | 58.88 | 29.077 | 0.367 |
| 6/12/2025 13:50 | 2.442 | 2.526 | 2.552 | 3.266 | 1.544 | 3.296 | 59.68 | 63.80 | 73.93 | 60.20 | 60.63 | 58.89 | 29.067 | 0.367 |
| 6/12/2025 14:00 | 2.348 | 2.464 | 2.481 | 3.272 | 1.457 | 3.298 | 59.68 | 63.97 | 73.75 | 60.20 | 60.67 | 58.91 | 29.079 | 0.367 |
| 6/12/2025 14:10 | 2.208 | 2.347 | 2.374 | 3.258 | 1.341 | 3.282 | 59.68 | 63.97 | 73.23 | 60.20 | 60.74 | 58.92 | 29.068 | 0.366 |
| 6/12/2025 14:20 | 2.100 | 2.226 | 2.267 | 3.261 | 1.235 | 3.299 | 59.85 | 64.14 | 72.72 | 60.37 | 60.84 | 58.94 | 29.117 | 0.366 |
| 6/12/2025 14:30 | 1.969 | 2.118 | 2.151 | 3.263 | 1.111 | 3.298 | 60.02 | 64.31 | 72.37 | 60.37 | 60.95 | 58.95 | 29.109 | 0.365 |
| 6/12/2025 14:40 | 1.829 | 2.003 | 2.041 | 3.264 | 0.977 | 3.289 | 60.37 | 64.31 | 72.20 | 60.37 | 61.12 | 58.95 | 29.126 | 0.365 |
| 6/12/2025 14:50 | 1.717 | 1.917 | 1.954 | 3.269 | 0.871 | 3.310 | 60.71 | 64.48 | 72.03 | 60.37 | 61.31 | 58.96 | 29.154 | 0.365 |
| 6/12/2025 15:00 | 1.591 | 1.822 | 1.869 | 3.265 | 0.752 | 3.302 | 60.88 | 64.83 | 72.03 | 60.54 | 61.53 | 58.98 | 29.166 | 0.364 |
| 6/12/2025 15:10 | 1.474 | 1.765 | 1.819 | 3.261 | 0.647 | 3.299 | 61.23 | 65.00 | 72.20 | 60.54 | 61.79 | 58.99 | 29.224 | 0.364 |
| 6/12/2025 15:20 | 1.382 | 1.709 | 1.798 | 3.251 | 0.555 | 3.287 | 61.57 | 65.17 | 72.37 | 60.54 | 62.07 | 59.01 | 29.254 | 0.364 |
| 6/12/2025 15:30 | 1.282 | 1.684 | 1.793 | 3.252 | 0.487 | 3.292 | 62.08 | 65.34 | 72.55 | 60.54 | 62.38 | 59.02 | 29.276 | 0.363 |
| 6/12/2025 15:40 | 1.201 | 1.675 | 1.785 | 3.267 | 0.444 | 3.297 | 62.94 | 65.51 | 72.72 | 60.71 | 62.71 | 59.04 | 29.347 | 0.363 |
| 6/12/2025 15:50 | 1.130 | 1.670 | 1.769 | 3.261 | 0.403 | 3.301 | 63.46 | 65.85 | 72.72 | 60.71 | 63.08 | 59.05 | 29.358 | 0.362 |
| 6/12/2025 16:00 | 1.061 | 1.660 | 1.769 | 3.265 | 0.377 | 3.299 | 63.80 | 66.02 | 72.72 | 60.71 | 63.39 | 59.06 | 29.372 | 0.361 |
| 6/12/2025 16:10 | 0.995 | 1.657 | 1.759 | 3.263 | 0.366 | 3.295 | 63.97 | 66.19 | 72.72 | 60.88 | 63.71 | 59.08 | 29.360 | 0.360 |
| 6/12/2025 16:20 | 0.945 | 1.656 | 1.742 | 3.265 | 0.359 | 3.301 | 64.65 | 66.37 | 72.55 | 60.88 | 64.00 | 59.09 | 29.341 | 0.358 |
| 6/12/2025 16:30 | 0.887 | 1.652 | 1.737 | 3.257 | 0.344 | 3.297 | 65.00 | 66.54 | 72.55 | 60.88 | 64.27 | 59.11 | 29.318 | 0.357 |
| 6/12/2025 16:40 | 0.834 | 1.652 | 1.733 | 3.256 | 0.339 | 3.300 | 65.68 | 66.71 | 72.37 | 60.88 | 64.53 | 59.12 | 29.286 | 0.357 |
| 6/12/2025 16:50 | 0.803 | 1.651 | 1.723 | 3.259 | 0.345 | 3.305 | 66.02 | 66.88 | 72.20 | 61.05 | 64.78 | 59.12 | 29.240 | 0.357 |
| 6/12/2025 17:00 | 0.756 | 1.657 | 1.721 | 3.262 | 0.342 | 3.298 | 66.71 | 66.88 | 72.03 | 61.05 | 65.04 | 59.13 | 29.169 | 0.357 |
| 6/12/2025 17:10 | 0.712 | 1.660 | 1.718 | 3.260 | 0.345 | 3.299 | 67.05 | 67.05 | 71.86 | 61.05 | 65.30 | 59.13 | 29.075 | 0.357 |
| 6/12/2025 17:20 | 0.682 | 1.651 | 1.716 | 3.263 | 0.340 | 3.300 | 66.88 | 67.22 | 71.68 | 61.23 | 65.57 | 59.14 | 28.968 | 0.357 |
| 6/12/2025 17:30 | 0.649 | 1.660 | 1.719 | 3.268 | 0.343 | 3.296 | 67.22 | 67.22 | 71.34 | 61.23 | 65.80 | 59.15 | 28.834 | 0.357 |
| 6/12/2025 17:40 | 0.623 | 1.665 | 1.723 | 3.272 | 0.345 | 3.308 | 67.39 | 67.39 | 71.17 | 61.23 | 66.00 | 59.16 | 28.682 | 0.357 |
| 6/12/2025 17:50 | 0.588 | 1.657 | 1.717 | 3.277 | 0.343 | 3.300 | 67.56 | 67.39 | 70.82 | 61.40 | 66.20 | 59.16 | 28.599 | 0.356 |
| 6/12/2025 18:00 | 0.553 | 1.650 | 1.709 | 3.266 | 0.340 | 3.302 | 67.39 | 67.39 | 70.65 | 61.40 | 66.40 | 59.17 | 28.349 | 0.356 |
| 6/12/2025 18:10 | 0.531 | 1.651 | 1.712 | 3.266 | 0.341 | 3.303 | 67.56 | 67.39 | 70.31 | 61.40 | 66.53 | 59.18 | 27.920 | 0.356 |
| 6/12/2025 18:20 | 0.512 | 1.663 | 1.715 | 3.275 | 0.345 | 3.307 | 67.56 | 67.39 | 69.96 | 61.40 | 66.62 | 59.19 | 27.512 | 0.355 |
| 6/12/2025 18:30 | 0.498 | 1.660 | 1.722 | 3.277 | 0.344 | 3.317 | 67.74 | 67.39 | 69.62 | 61.57 | 66.71 | 59.20 | 27.278 | 0.354 |
| 6/12/2025 18:40 | 0.475 | 1.658 | 1.718 | 3.267 | 0.343 | 3.319 | 67.56 | 67.56 | 69.45 | 61.57 | 66.77 | 59.21 | 26.989 | 0.354 |
| 6/12/2025 18:50 | 0.458 | 1.664 | 1.723 | 3.265 | 0.341 | 3.311 | 67.56 | 67.39 | 69.11 | 61.57 | 66.78 | 59.23 | 26.688 | 0.353 |
| 6/12/2025 19:00 | 0.436 | 1.666 | 1.723 | 3.275 | 0.348 | 3.321 | 67.39 | 67.39 | 68.76 | 61.57 | 66.75 | 59.24 | 26.390 | 0.352 |
| 6/12/2025 19:10 | 0.412 | 1.651 | 1.714 | 3.269 | 0.334 | 3.319 | 67.22 | 67.39 | 68.42 | 61.74 | 66.73 | 59.24 | 26.121 | 0.352 |
| 6/12/2025 19:20 | 0.407 | 1.663 | 1.721 | 3.269 | 0.344 | 3.309 | 66.88 | 67.39 | 68.25 | 61.74 | 66.66 | 59.25 | 26.050 | 0.351 |
| 6/12/2025 19:30 | 0.393 | 1.666 | 1.722 | 3.272 | 0.346 | 3.318 | 66.54 | 67.39 | 67.91 | 61.74 | 66.63 | 59.25 | 25.784 | 0.351 |
| 6/12/2025 19:40 | 0.372 | 1.650 | 1.712 | 3.257 | 0.330 | 3.308 | 66.19 | 67.39 | 67.56 | 61.74 | 66.56 | 59.27 | 25.621 | 0.350 |
| 6/12/2025 19:50 | 0.367 | 1.661 | 1.725 | 3.261 | 0.339 | 3.314 | 66.02 | 67.22 | 67.22 | 61.91 | 66.49 | 59.28 | 25.405 | 0.349 |
| 6/12/2025 20:00 | 0.354 | 1.657 | 1.717 | 3.265 | 0.330 | 3.309 | 65.68 | 67.22 | 67.05 | 61.91 | 66.40 | 59.29 | 25.086 | 0.348 |
| 6/12/2025 20:10 | 0.348 | 1.664 | 1.722 | 3.269 | 0.338 | 3.312 | 65.34 | 67.05 | 66.71 | 61.91 | 66.30 | 59.30 | 24.861 | 0.346 |
| 6/12/2025 20:20 | 0.342 | 1.670 | 1.723 | 3.271 | 0.336 | 3.318 | 65.00 | 67.05 | 66.37 | 61.91 | 66.19 | 59.30 | 24.390 | 0.343 |
| 6/12/2025 20:30 | 0.336 | 1.665 | 1.724 | 3.266 | 0.338 | 3.312 | 64.65 | 66.88 | 66.19 | 61.91 | 66.09 | 59.30 | 23.981 | 0.340 |
| 6/12/2025 20:40 | 0.327 | 1.656 | 1.714 | 3.258 | 0.325 | 3.306 | 64.48 | 66.88 | 65.85 | 61.91 | 65.97 | 59.30 | 23.595 | 0.339 |
| 6/12/2025 20:50 | 0.327 | 1.669 | 1.721 | 3.268 | 0.340 | 3.319 | 64.14 | 66.88 | 65.51 | 62.08 | 65.84 | 59.29 | 23.011 | 0.337 |
| 6/12/2025 21:00 | 0.327 | 1.666 | 1.722 | 3.265 | 0.334 | 3.316 | 63.80 | 66.71 | 65.34 | 62.08 | 65.71 | 59.29 | 22.836 | 0.336 |
| 6/12/2025 21:10 | 0.317 | 1.660 | 1.714 | 3.264 | 0.334 | 3.308 | 63.63 | 66.54 | 65.00 | 62.08 | 65.58 | 59.28 | 22.557 | 0.335 |
| 6/12/2025 21:20 | 0.318 | 1.665 | 1.718 | 3.265 | 0.336 | 3.314 | 63.46 | 66.54 | 64.83 | 62.08 | 65.44 | 59.28 | 22.263 | 0.335 |
| 6/12/2025 21:30 | 0.318 | 1.662 | 1.722 | 3.271 | 0.341 | 3.320 | 63.11 | 66.37 | 64.48 | 62.08 | 65.30 | 59.28 | 21.959 | 0.334 |
| 6/12/2025 21:40 | 0.311 | 1.664 | 1.722 | 3.269 | 0.330 | 3.309 | 62.94 | 66.37 | 64.31 | 62.08 | 65.17 | 59.27 | 21.546 | 0.334 |
| 6/12/2025 21:50 | 0.316 | 1.676 | 1.726 | 3.266 | 0.335 | 3.321 | 62.77 | 66.19 | 64.14 | 62.08 | 65.02 | 59.27 | 21.101 | 0.334 |
| 6/12/2025 22:00 | 0.328 | 1.673 | 1.718 | 3.268 | 0.334 | 3.317 | 62.43 | 66.02 | 63.80 | 62.08 | 64.87 | 59.27 | 20.772 | 0.334 |
| 6/12/2025 22:10 | 0.507 | 1.681 | 1.729 | 3.273 | 0.340 | 3.321 | 62.43 | 65.85 | 63.63 | 62.08 | 64.73 | 59.26 | 20.372 | 0.334 |
| 6/12/2025 22:20 | 0.687 | 1.672 | 1.712 | 3.263 | 0.334 | 3.321 | 62.60 | 65.85 | 63.46 | 62.08 | 64.58 | 59.26 | 20.251 | 0.335 |
| 6/12/2025 22:30 | 0.867 | 1.669 | 1.716 | 3.265 | 0.326 | 3.311 | 62.60 | 65.68 | 63.28 | 62.08 | 64.43 | 59.25 | 20.072 | 0.335 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/12/2025 22:40 | 1.065 | 1.670 | 1.712 | 3.262 | 0.330 | 3.311 | 62.60 | 65.68 | 63.11 | 62.08 | 64.29 | 59.25 | 19.722 | 0.336 |
| 6/12/2025 22:50 | 1.295 | 1.674 | 1.723 | 3.270 | 0.366 | 3.318 | 61.74 | 65.51 | 62.94 | 62.08 | 64.13 | 59.25 | 19.558 | 0.337 |
| 6/12/2025 23:00 | 1.635 | 1.672 | 1.720 | 3.261 | 0.488 | 3.311 | 58.30 | 65.34 | 62.77 | 62.08 | 63.99 | 59.24 | 19.192 | 0.337 |
| 6/12/2025 23:10 | 1.976 | 1.695 | 1.724 | 3.265 | 0.695 | 3.315 | 56.58 | 65.17 | 62.60 | 62.08 | 60.41 | 59.24 | 25.321 | 0.338 |
| 6/12/2025 23:20 | 2.354 | 1.822 | 1.732 | 3.267 | 0.860 | 3.321 | 56.06 | 65.17 | 62.43 | 62.08 | 58.31 | 59.24 | 27.298 | 0.338 |
| 6/12/2025 23:30 | 2.675 | 1.980 | 2.009 | 3.263 | 1.019 | 3.316 | 55.19 | 65.00 | 62.25 | 62.08 | 59.28 | 59.23 | 28.044 | 0.338 |
| 6/12/2025 23:40 | 2.962 | 2.146 | 2.174 | 3.257 | 1.171 | 3.316 | 54.50 | 64.83 | 62.25 | 62.08 | 58.54 | 59.23 | 28.487 | 0.339 |
| 6/12/2025 23:50 | 3.258 | 2.314 | 2.334 | 3.265 | 1.352 | 3.317 | 54.15 | 64.65 | 62.08 | 62.08 | 57.38 | 59.22 | 28.711 | 0.339 |
| 6/13/2025 0:00 | 3.564 | 2.523 | 2.503 | 3.262 | 1.500 | 3.317 | 53.62 | 62.60 | 62.08 | 62.08 | 56.27 | 59.22 | 29.336 | 0.340 |
| 6/13/2025 0:10 | 3.767 | 2.700 | 2.653 | 3.271 | 1.654 | 3.323 | 53.45 | 60.88 | 62.08 | 62.08 | 55.47 | 59.21 | 29.864 | 0.341 |
| 6/13/2025 0:20 | 3.914 | 2.837 | 2.796 | 3.272 | 1.805 | 3.320 | 53.45 | 60.02 | 62.08 | 62.08 | 55.10 | 59.21 | 30.210 | 0.341 |
| 6/13/2025 0:30 | 4.030 | 2.952 | 2.915 | 3.267 | 1.923 | 3.315 | 53.10 | 59.34 | 62.08 | 62.08 | 55.04 | 59.20 | 30.405 | 0.343 |
| 6/13/2025 0:40 | 4.098 | 3.031 | 3.030 | 3.264 | 2.042 | 3.324 | 53.10 | 58.30 | 62.25 | 62.08 | 55.01 | 59.20 | 30.508 | 0.344 |
| 6/13/2025 0:50 | 4.126 | 3.119 | 3.124 | 3.261 | 2.141 | 3.320 | 52.93 | 57.61 | 62.60 | 62.08 | 54.98 | 59.20 | 30.676 | 0.345 |
| 6/13/2025 1:00 | 4.081 | 3.216 | 3.229 | 3.263 | 2.227 | 3.320 | 52.93 | 57.27 | 62.08 | 62.08 | 54.93 | 59.19 | 30.778 | 0.346 |
| 6/13/2025 1:10 | 4.049 | 3.281 | 3.306 | 3.291 | 2.293 | 3.317 | 52.75 | 56.92 | 61.23 | 62.08 | 54.98 | 59.19 | 30.838 | 0.347 |
| 6/13/2025 1:20 | 4.055 | 3.347 | 3.363 | 3.355 | 2.347 | 3.328 | 52.75 | 56.58 | 60.37 | 62.08 | 55.01 | 59.18 | 30.956 | 0.349 |
| 6/13/2025 1:30 | 3.954 | 3.397 | 3.413 | 3.399 | 2.406 | 3.319 | 52.75 | 56.06 | 59.85 | 62.08 | 54.85 | 59.18 | 31.064 | 0.350 |
| 6/13/2025 1:40 | 3.834 | 3.437 | 3.463 | 3.448 | 2.437 | 3.313 | 52.75 | 55.71 | 59.16 | 62.08 | 54.66 | 59.18 | 31.123 | 0.352 |
| 6/13/2025 1:50 | 3.727 | 3.475 | 3.490 | 3.490 | 2.481 | 3.320 | 52.75 | 55.54 | 58.65 | 61.91 | 54.55 | 59.18 | 31.150 | 0.353 |
| 6/13/2025 2:00 | 3.577 | 3.505 | 3.522 | 3.521 | 2.514 | 3.327 | 52.75 | 55.19 | 58.30 | 61.91 | 54.47 | 59.17 | 31.139 | 0.354 |
| 6/13/2025 2:10 | 3.387 | 3.501 | 3.520 | 3.529 | 2.489 | 3.326 | 52.75 | 55.19 | 57.96 | 61.91 | 54.36 | 59.17 | 31.134 | 0.354 |
| 6/13/2025 2:20 | 3.242 | 3.383 | 3.407 | 3.506 | 2.353 | 3.327 | 52.75 | 55.36 | 57.79 | 61.91 | 53.90 | 59.17 | 31.243 | 0.355 |
| 6/13/2025 2:30 | 3.032 | 3.195 | 3.213 | 3.446 | 2.164 | 3.323 | 53.10 | 56.23 | 58.30 | 61.91 | 53.58 | 59.16 | 31.214 | 0.356 |
| 6/13/2025 2:40 | 2.832 | 2.994 | 3.014 | 3.377 | 1.961 | 3.318 | 53.27 | 56.75 | 58.48 | 61.91 | 53.75 | 59.16 | 31.053 | 0.356 |
| 6/13/2025 2:50 | 2.639 | 2.780 | 2.810 | 3.339 | 1.755 | 3.323 | 53.27 | 57.10 | 58.48 | 61.91 | 54.00 | 59.16 | 31.021 | 0.357 |
| 6/13/2025 3:00 | 2.436 | 2.575 | 2.601 | 3.305 | 1.557 | 3.317 | 53.27 | 57.44 | 58.99 | 61.91 | 54.18 | 59.15 | 30.972 | 0.357 |
| 6/13/2025 3:10 | 2.240 | 2.404 | 2.425 | 3.290 | 1.367 | 3.319 | 53.45 | 57.61 | 59.51 | 61.74 | 54.31 | 59.15 | 30.946 | 0.358 |
| 6/13/2025 3:20 | 2.062 | 2.235 | 2.263 | 3.276 | 1.188 | 3.315 | 53.62 | 57.96 | 59.68 | 61.74 | 54.44 | 59.14 | 30.965 | 0.358 |
| 6/13/2025 3:30 | 1.909 | 2.087 | 2.123 | 3.274 | 1.037 | 3.319 | 53.62 | 58.13 | 59.85 | 61.74 | 54.59 | 59.13 | 30.943 | 0.359 |
| 6/13/2025 3:40 | 1.771 | 1.961 | 1.999 | 3.267 | 0.905 | 3.318 | 53.62 | 58.30 | 59.85 | 61.74 | 54.76 | 59.13 | 30.971 | 0.359 |
| 6/13/2025 3:50 | 1.650 | 1.878 | 1.915 | 3.275 | 0.778 | 3.328 | 53.80 | 58.48 | 59.85 | 61.74 | 54.98 | 59.13 | 31.048 | 0.359 |
| 6/13/2025 4:00 | 1.541 | 1.814 | 1.849 | 3.275 | 0.687 | 3.334 | 53.97 | 58.65 | 59.68 | 61.74 | 55.28 | 59.12 | 31.136 | 0.360 |
| 6/13/2025 4:10 | 1.441 | 1.766 | 1.839 | 3.269 | 0.591 | 3.323 | 53.97 | 58.65 | 59.51 | 61.57 | 55.62 | 59.12 | 31.205 | 0.360 |
| 6/13/2025 4:20 | 1.336 | 1.724 | 1.828 | 3.258 | 0.510 | 3.318 | 54.15 | 58.82 | 59.51 | 61.57 | 55.95 | 59.11 | 31.184 | 0.360 |
| 6/13/2025 4:30 | 1.255 | 1.710 | 1.817 | 3.258 | 0.458 | 3.313 | 54.50 | 58.82 | 59.34 | 61.57 | 56.16 | 59.11 | 31.075 | 0.360 |
| 6/13/2025 4:40 | 1.186 | 1.699 | 1.809 | 3.259 | 0.420 | 3.328 | 55.02 | 58.99 | 59.16 | 61.57 | 56.31 | 59.10 | 30.996 | 0.360 |
| 6/13/2025 4:50 | 1.119 | 1.703 | 1.805 | 3.270 | 0.400 | 3.326 | 55.02 | 58.99 | 58.99 | 61.57 | 56.44 | 59.10 | 30.828 | 0.360 |
| 6/13/2025 5:00 | 1.049 | 1.695 | 1.775 | 3.258 | 0.378 | 3.318 | 55.19 | 58.99 | 58.82 | 61.57 | 56.57 | 59.09 | 30.849 | 0.361 |
| 6/13/2025 5:10 | 0.990 | 1.691 | 1.767 | 3.266 | 0.358 | 3.324 | 55.36 | 58.99 | 58.82 | 61.57 | 56.65 | 59.09 | 30.833 | 0.361 |
| 6/13/2025 5:20 | 0.946 | 1.690 | 1.765 | 3.264 | 0.354 | 3.329 | 55.54 | 59.16 | 58.65 | 61.40 | 56.72 | 59.08 | 30.781 | 0.361 |
| 6/13/2025 5:30 | 0.879 | 1.682 | 1.742 | 3.263 | 0.331 | 3.308 | 55.71 | 59.16 | 58.65 | 61.40 | 56.79 | 59.07 | 30.757 | 0.361 |
| 6/13/2025 5:40 | 0.836 | 1.678 | 1.735 | 3.263 | 0.334 | 3.313 | 55.88 | 59.16 | 58.65 | 61.40 | 56.85 | 59.06 | 30.679 | 0.361 |
| 6/13/2025 5:50 | 0.794 | 1.674 | 1.726 | 3.255 | 0.335 | 3.314 | 56.06 | 59.16 | 58.48 | 61.40 | 56.90 | 59.06 | 30.649 | 0.361 |
| 6/13/2025 6:00 | 0.755 | 1.674 | 1.730 | 3.264 | 0.331 | 3.314 | 56.06 | 59.16 | 58.48 | 61.40 | 56.94 | 59.05 | 30.600 | 0.361 |
| 6/13/2025 6:10 | 0.708 | 1.674 | 1.722 | 3.267 | 0.323 | 3.317 | 56.23 | 59.16 | 58.48 | 61.40 | 56.97 | 59.05 | 30.519 | 0.361 |
| 6/13/2025 6:20 | 0.676 | 1.676 | 1.717 | 3.261 | 0.320 | 3.311 | 56.40 | 59.16 | 58.48 | 61.23 | 56.99 | 59.04 | 30.453 | 0.361 |
| 6/13/2025 6:30 | 0.635 | 1.674 | 1.718 | 3.263 | 0.332 | 3.311 | 56.40 | 59.16 | 58.48 | 61.23 | 57.02 | 59.03 | 30.403 | 0.361 |
| 6/13/2025 6:40 | 0.609 | 1.675 | 1.715 | 3.257 | 0.317 | 3.302 | 56.58 | 59.16 | 58.48 | 61.23 | 57.04 | 59.02 | 30.285 | 0.363 |
| 6/13/2025 6:50 | 0.587 | 1.673 | 1.721 | 3.262 | 0.325 | 3.313 | 56.58 | 59.16 | 58.48 | 61.23 | 57.06 | 59.01 | 30.191 | 0.367 |
| 6/13/2025 7:00 | 0.561 | 1.675 | 1.707 | 3.264 | 0.322 | 3.307 | 56.58 | 59.16 | 58.48 | 61.23 | 57.09 | 59.01 | 30.118 | 0.368 |
| 6/13/2025 7:10 | 0.532 | 1.669 | 1.705 | 3.253 | 0.322 | 3.304 | 56.75 | 59.16 | 58.48 | 61.05 | 57.12 | 58.99 | 30.052 | 0.368 |
| 6/13/2025 7:20 | 0.503 | 1.675 | 1.708 | 3.256 | 0.315 | 3.297 | 56.75 | 59.16 | 58.65 | 61.05 | 57.15 | 58.99 | 29.983 | 0.369 |
| 6/13/2025 7:30 | 0.479 | 1.674 | 1.711 | 3.255 | 0.324 | 3.300 | 56.92 | 59.16 | 58.65 | 61.05 | 57.18 | 58.98 | 29.884 | 0.369 |
| 6/13/2025 7:40 | 0.465 | 1.665 | 1.698 | 3.249 | 0.321 | 3.294 | 56.92 | 59.16 | 58.65 | 61.05 | 57.22 | 58.97 | 29.798 | 0.369 |
| 6/13/2025 7:50 | 0.449 | 1.667 | 1.708 | 3.256 | 0.320 | 3.299 | 57.10 | 59.16 | 58.82 | 61.05 | 57.25 | 58.97 | 29.728 | 0.369 |
| 6/13/2025 8:00 | 0.427 | 1.672 | 1.701 | 3.257 | 0.316 | 3.292 | 57.10 | 59.16 | 58.82 | 61.05 | 57.30 | 58.96 | 29.627 | 0.369 |
| 6/13/2025 8:10 | 0.418 | 1.675 | 1.709 | 3.259 | 0.320 | 3.296 | 57.10 | 59.16 | 58.99 | 60.88 | 57.34 | 58.95 | 29.557 | 0.369 |
| 6/13/2025 8:20 | 0.399 | 1.675 | 1.705 | 3.259 | 0.319 | 3.285 | 57.27 | 59.16 | 58.99 | 60.88 | 57.38 | 58.95 | 29.463 | 0.369 |
| 6/13/2025 8:30 | 0.384 | 1.664 | 1.705 | 3.251 | 0.315 | 3.290 | 57.27 | 59.16 | 58.99 | 60.88 | 57.41 | 58.94 | 29.433 | 0.369 |
| 6/13/2025 8:40 | 0.381 | 1.673 | 1.715 | 3.261 | 0.318 | 3.301 | 57.27 | 59.16 | 59.16 | 60.88 | 57.45 | 58.94 | 29.336 | 0.368 |
| 6/13/2025 8:50 | 0.358 | 1.661 | 1.699 | 3.252 | 0.308 | 3.289 | 57.44 | 59.16 | 59.16 | 60.88 | 57.49 | 58.94 | 29.284 | 0.368 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/13/2025 9:00 | 0.351 | 1.665 | 1.704 | 3.253 | 0.309 | 3.290 | 57.61 | 59.16 | 59.34 | 60.88 | 57.53 | 58.94 | 29.209 | 0.368 |
| 6/13/2025 9:10 | 0.350 | 1.668 | 1.707 | 3.256 | 0.316 | 3.290 | 57.61 | 59.16 | 59.34 | 60.88 | 57.57 | 58.94 | 29.139 | 0.368 |
| 6/13/2025 9:20 | 0.341 | 1.659 | 1.702 | 3.249 | 0.313 | 3.293 | 57.79 | 59.16 | 59.51 | 60.71 | 57.63 | 58.94 | 29.064 | 0.368 |
| 6/13/2025 9:30 | 0.335 | 1.663 | 1.703 | 3.258 | 0.310 | 3.284 | 57.96 | 59.16 | 59.68 | 60.71 | 57.67 | 58.93 | 28.880 | 0.368 |
| 6/13/2025 9:40 | 0.326 | 1.667 | 1.703 | 3.254 | 0.305 | 3.293 | 57.96 | 59.16 | 59.68 | 60.71 | 57.73 | 58.93 | 28.794 | 0.368 |
| 6/13/2025 9:50 | 0.322 | 1.666 | 1.703 | 3.257 | 0.309 | 3.292 | 58.13 | 59.34 | 59.85 | 60.71 | 57.80 | 58.93 | 28.698 | 0.367 |
| 6/13/2025 10:00 | 0.317 | 1.669 | 1.694 | 3.256 | 0.311 | 3.287 | 58.13 | 59.34 | 59.85 | 60.71 | 57.87 | 58.93 | 28.511 | 0.367 |
| 6/13/2025 10:10 | 0.317 | 1.668 | 1.705 | 3.262 | 0.317 | 3.296 | 58.30 | 59.34 | 60.02 | 60.71 | 57.94 | 58.94 | 28.479 | 0.367 |
| 6/13/2025 10:20 | 0.313 | 1.665 | 1.703 | 3.259 | 0.310 | 3.301 | 58.30 | 59.34 | 60.20 | 60.71 | 58.01 | 58.94 | 28.402 | 0.367 |
| 6/13/2025 10:30 | 0.304 | 1.668 | 1.706 | 3.263 | 0.317 | 3.304 | 58.13 | 59.34 | 60.20 | 60.71 | 58.09 | 58.94 | 28.241 | 0.367 |
| 6/13/2025 10:40 | 0.309 | 1.664 | 1.706 | 3.250 | 0.316 | 3.288 | 58.30 | 59.34 | 60.37 | 60.54 | 58.15 | 58.94 | 28.076 | 0.367 |
| 6/13/2025 10:50 | 0.304 | 1.671 | 1.705 | 3.260 | 0.309 | 3.296 | 58.30 | 59.51 | 60.37 | 60.54 | 58.22 | 58.95 | 28.025 | 0.367 |
| 6/13/2025 11:00 | 0.304 | 1.671 | 1.706 | 3.256 | 0.320 | 3.298 | 58.48 | 59.51 | 60.54 | 60.54 | 58.28 | 58.95 | 27.988 | 0.367 |
| 6/13/2025 11:10 | 0.298 | 1.664 | 1.695 | 3.253 | 0.308 | 3.292 | 58.65 | 59.51 | 60.54 | 60.54 | 58.35 | 58.95 | 27.880 | 0.366 |
| 6/13/2025 11:20 | 0.347 | 1.664 | 1.703 | 3.250 | 0.305 | 3.289 | 58.82 | 59.51 | 60.71 | 60.54 | 58.41 | 58.96 | 27.741 | 0.366 |
| 6/13/2025 11:30 | 0.454 | 1.665 | 1.705 | 3.258 | 0.307 | 3.293 | 58.99 | 59.51 | 60.88 | 60.54 | 58.48 | 58.96 | 27.649 | 0.366 |
| 6/13/2025 11:40 | 0.607 | 1.664 | 1.704 | 3.253 | 0.307 | 3.293 | 59.16 | 59.68 | 60.88 | 60.54 | 58.56 | 58.97 | 27.550 | 0.366 |
| 6/13/2025 11:50 | 0.749 | 1.660 | 1.696 | 3.253 | 0.300 | 3.292 | 59.16 | 59.68 | 61.05 | 60.54 | 58.63 | 58.98 | 27.408 | 0.366 |
| 6/13/2025 12:00 | 0.918 | 1.662 | 1.695 | 3.247 | 0.312 | 3.291 | 59.51 | 59.68 | 61.23 | 60.54 | 58.72 | 58.98 | 27.303 | 0.367 |
| 6/13/2025 12:10 | 1.095 | 1.657 | 1.691 | 3.257 | 0.315 | 3.294 | 59.68 | 59.68 | 61.40 | 60.54 | 58.82 | 58.98 | 27.096 | 0.368 |
| 6/13/2025 12:20 | 1.305 | 1.664 | 1.707 | 3.260 | 0.348 | 3.295 | 60.20 | 59.85 | 61.91 | 60.54 | 58.94 | 58.99 | 27.006 | 0.368 |
| 6/13/2025 12:30 | 1.540 | 1.657 | 1.699 | 3.257 | 0.470 | 3.299 | 60.37 | 59.85 | 62.43 | 60.54 | 59.06 | 58.99 | 26.781 | 0.368 |
| 6/13/2025 12:40 | 1.763 | 1.681 | 1.698 | 3.265 | 0.648 | 3.306 | 59.85 | 60.02 | 62.77 | 60.37 | 59.32 | 59.01 | 26.461 | 0.368 |
| 6/13/2025 12:50 | 1.997 | 1.755 | 1.703 | 3.250 | 0.782 | 3.294 | 59.85 | 60.02 | 63.11 | 60.37 | 59.48 | 59.01 | 26.876 | 0.368 |
| 6/13/2025 13:00 | 2.208 | 1.896 | 1.916 | 3.264 | 0.917 | 3.302 | 59.85 | 60.20 | 63.63 | 60.37 | 59.58 | 59.02 | 27.793 | 0.368 |
| 6/13/2025 13:10 | 2.403 | 2.014 | 2.031 | 3.255 | 1.026 | 3.299 | 59.68 | 60.37 | 64.14 | 60.37 | 59.62 | 59.04 | 28.154 | 0.368 |
| 6/13/2025 13:20 | 2.575 | 2.151 | 2.175 | 3.270 | 1.183 | 3.306 | 59.51 | 60.54 | 64.48 | 60.37 | 59.65 | 59.04 | 28.551 | 0.368 |
| 6/13/2025 13:30 | 2.697 | 2.271 | 2.294 | 3.270 | 1.300 | 3.305 | 59.16 | 60.71 | 64.83 | 60.37 | 59.59 | 59.05 | 28.833 | 0.368 |
| 6/13/2025 13:40 | 2.744 | 2.391 | 2.409 | 3.267 | 1.410 | 3.304 | 58.99 | 60.88 | 65.17 | 60.37 | 59.48 | 59.06 | 28.953 | 0.368 |
| 6/13/2025 13:50 | 2.760 | 2.484 | 2.498 | 3.268 | 1.497 | 3.296 | 58.65 | 61.05 | 65.34 | 60.37 | 59.34 | 59.08 | 29.214 | 0.368 |
| 6/13/2025 14:00 | 2.764 | 2.572 | 2.583 | 3.267 | 1.579 | 3.301 | 58.82 | 61.05 | 65.51 | 60.37 | 59.25 | 59.09 | 29.356 | 0.368 |
| 6/13/2025 14:10 | 2.626 | 2.635 | 2.651 | 3.260 | 1.646 | 3.299 | 58.82 | 61.23 | 65.85 | 60.37 | 59.18 | 59.09 | 29.438 | 0.368 |
| 6/13/2025 14:20 | 2.543 | 2.630 | 2.656 | 3.256 | 1.642 | 3.287 | 58.82 | 61.23 | 66.37 | 60.37 | 59.15 | 59.10 | 29.479 | 0.368 |
| 6/13/2025 14:30 | 2.484 | 2.568 | 2.588 | 3.251 | 1.570 | 3.286 | 58.99 | 61.23 | 67.05 | 60.37 | 59.14 | 59.11 | 29.479 | 0.368 |
| 6/13/2025 14:40 | 2.411 | 2.466 | 2.486 | 3.253 | 1.481 | 3.287 | 59.16 | 61.23 | 67.56 | 60.37 | 59.18 | 59.12 | 29.501 | 0.368 |
| 6/13/2025 14:50 | 2.250 | 2.392 | 2.411 | 3.255 | 1.390 | 3.290 | 58.99 | 61.23 | 67.39 | 60.37 | 59.23 | 59.13 | 29.481 | 0.368 |
| 6/13/2025 15:00 | 2.135 | 2.276 | 2.303 | 3.262 | 1.264 | 3.299 | 59.34 | 61.40 | 67.22 | 60.54 | 59.33 | 59.14 | 29.479 | 0.368 |
| 6/13/2025 15:10 | 2.000 | 2.144 | 2.179 | 3.252 | 1.138 | 3.296 | 59.51 | 61.57 | 66.88 | 60.54 | 59.45 | 59.15 | 29.499 | 0.367 |
| 6/13/2025 15:20 | 1.869 | 2.031 | 2.074 | 3.246 | 1.016 | 3.291 | 59.68 | 61.74 | 66.71 | 60.54 | 59.58 | 59.16 | 29.507 | 0.367 |
| 6/13/2025 15:30 | 1.723 | 1.924 | 1.957 | 3.250 | 0.881 | 3.288 | 59.85 | 61.91 | 66.71 | 60.54 | 59.75 | 59.17 | 29.524 | 0.367 |
| 6/13/2025 15:40 | 1.628 | 1.847 | 1.880 | 3.261 | 0.782 | 3.306 | 60.02 | 61.91 | 66.71 | 60.54 | 59.92 | 59.18 | 29.538 | 0.367 |
| 6/13/2025 15:50 | 1.510 | 1.771 | 1.822 | 3.265 | 0.667 | 3.300 | 60.20 | 62.08 | 66.71 | 60.54 | 60.11 | 59.19 | 29.590 | 0.366 |
| 6/13/2025 16:00 | 1.411 | 1.728 | 1.812 | 3.256 | 0.579 | 3.305 | 60.37 | 62.25 | 66.88 | 60.54 | 60.29 | 59.21 | 29.617 | 0.366 |
| 6/13/2025 16:10 | 1.323 | 1.702 | 1.809 | 3.264 | 0.507 | 3.299 | 60.88 | 62.43 | 67.05 | 60.54 | 60.48 | 59.21 | 29.626 | 0.366 |
| 6/13/2025 16:20 | 1.230 | 1.688 | 1.790 | 3.261 | 0.451 | 3.302 | 61.23 | 62.60 | 67.05 | 60.71 | 60.69 | 59.23 | 29.621 | 0.365 |
| 6/13/2025 16:30 | 1.157 | 1.674 | 1.782 | 3.260 | 0.407 | 3.309 | 61.23 | 62.60 | 67.05 | 60.71 | 60.87 | 59.24 | 29.644 | 0.365 |
| 6/13/2025 16:40 | 1.086 | 1.659 | 1.763 | 3.263 | 0.375 | 3.302 | 61.40 | 62.77 | 67.05 | 60.71 | 61.03 | 59.24 | 29.649 | 0.365 |
| 6/13/2025 16:50 | 1.028 | 1.663 | 1.759 | 3.271 | 0.367 | 3.305 | 61.74 | 62.77 | 66.88 | 60.71 | 61.17 | 59.24 | 29.659 | 0.365 |
| 6/13/2025 17:00 | 0.972 | 1.665 | 1.741 | 3.273 | 0.354 | 3.303 | 61.91 | 62.94 | 66.71 | 60.71 | 61.30 | 59.25 | 29.637 | 0.365 |
| 6/13/2025 17:10 | 0.913 | 1.660 | 1.736 | 3.272 | 0.337 | 3.307 | 62.43 | 62.94 | 66.54 | 60.88 | 61.41 | 59.25 | 29.610 | 0.365 |
| 6/13/2025 17:20 | 0.864 | 1.665 | 1.731 | 3.269 | 0.340 | 3.304 | 62.77 | 63.11 | 66.37 | 60.88 | 61.50 | 59.26 | 29.493 | 0.364 |
| 6/13/2025 17:30 | 0.814 | 1.660 | 1.723 | 3.268 | 0.330 | 3.304 | 63.11 | 63.11 | 66.19 | 60.88 | 61.60 | 59.26 | 29.478 | 0.364 |
| 6/13/2025 17:40 | 0.771 | 1.658 | 1.727 | 3.273 | 0.335 | 3.304 | 63.11 | 63.28 | 65.85 | 60.88 | 61.69 | 59.27 | 29.375 | 0.364 |
| 6/13/2025 17:50 | 0.742 | 1.664 | 1.724 | 3.271 | 0.335 | 3.305 | 63.28 | 63.28 | 65.68 | 60.88 | 61.78 | 59.27 | 29.248 | 0.364 |
| 6/13/2025 18:00 | 0.690 | 1.648 | 1.704 | 3.259 | 0.324 | 3.291 | 63.11 | 63.28 | 65.51 | 60.88 | 61.86 | 59.28 | 29.189 | 0.363 |
| 6/13/2025 18:10 | 0.667 | 1.657 | 1.712 | 3.269 | 0.330 | 3.300 | 62.94 | 63.46 | 65.34 | 61.05 | 61.95 | 59.28 | 29.138 | 0.363 |
| 6/13/2025 18:20 | 0.634 | 1.656 | 1.710 | 3.271 | 0.323 | 3.302 | 62.94 | 63.46 | 65.34 | 61.05 | 62.05 | 59.28 | 28.955 | 0.363 |
| 6/13/2025 18:30 | 0.597 | 1.657 | 1.706 | 3.264 | 0.323 | 3.295 | 63.28 | 63.46 | 65.17 | 61.05 | 62.16 | 59.29 | 28.918 | 0.363 |
| 6/13/2025 18:40 | 0.565 | 1.657 | 1.706 | 3.265 | 0.326 | 3.301 | 63.28 | 63.46 | 65.00 | 61.05 | 62.26 | 59.29 | 28.742 | 0.363 |
| 6/13/2025 18:50 | 0.542 | 1.666 | 1.709 | 3.274 | 0.332 | 3.307 | 63.28 | 63.46 | 64.65 | 61.23 | 62.36 | 59.30 | 28.726 | 0.363 |
| 6/13/2025 19:00 | 0.520 | 1.663 | 1.710 | 3.271 | 0.332 | 3.306 | 63.28 | 63.63 | 64.48 | 61.23 | 62.45 | 59.30 | 28.664 | 0.362 |
| 6/13/2025 19:10 | 0.492 | 1.660 | 1.705 | 3.264 | 0.326 | 3.300 | 63.11 | 63.63 | 64.14 | 61.23 | 62.53 | 59.30 | 28.629 | 0.362 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/13/2025 19:20 | 0.467 | 1.655 | 1.703 | 3.259 | 0.329 | 3.291 | 62.94 | 63.63 | 63.97 | 61.23 | 62.58 | 59.31 | 28.544 | 0.362 |
| 6/13/2025 19:30 | 0.460 | 1.667 | 1.711 | 3.268 | 0.334 | 3.299 | 62.94 | 63.46 | 63.80 | 61.23 | 62.60 | 59.31 | 28.456 | 0.361 |
| 6/13/2025 19:40 | 0.442 | 1.665 | 1.716 | 3.266 | 0.329 | 3.306 | 62.77 | 63.46 | 63.63 | 61.23 | 62.60 | 59.31 | 28.354 | 0.361 |
| 6/13/2025 19:50 | 0.415 | 1.659 | 1.709 | 3.261 | 0.326 | 3.297 | 62.60 | 63.46 | 63.46 | 61.40 | 62.58 | 59.32 | 28.189 | 0.360 |
| 6/13/2025 20:00 | 0.409 | 1.661 | 1.718 | 3.263 | 0.337 | 3.299 | 62.43 | 63.46 | 63.28 | 61.40 | 62.56 | 59.32 | 27.948 | 0.358 |
| 6/13/2025 20:10 | 0.390 | 1.663 | 1.711 | 3.261 | 0.326 | 3.305 | 62.25 | 63.46 | 63.11 | 61.40 | 62.52 | 59.32 | 27.731 | 0.358 |
| 6/13/2025 20:20 | 0.384 | 1.662 | 1.705 | 3.271 | 0.335 | 3.304 | 62.08 | 63.46 | 62.94 | 61.40 | 62.46 | 59.32 | 27.466 | 0.358 |
| 6/13/2025 20:30 | 0.369 | 1.660 | 1.709 | 3.266 | 0.324 | 3.296 | 61.74 | 63.28 | 62.60 | 61.40 | 62.40 | 59.33 | 27.039 | 0.357 |
| 6/13/2025 20:40 | 0.358 | 1.661 | 1.714 | 3.263 | 0.335 | 3.298 | 61.57 | 63.28 | 62.43 | 61.40 | 62.34 | 59.34 | 26.456 | 0.355 |
| 6/13/2025 20:50 | 0.351 | 1.663 | 1.711 | 3.265 | 0.319 | 3.300 | 61.40 | 63.28 | 62.25 | 61.40 | 62.27 | 59.34 | 25.126 | 0.353 |
| 6/13/2025 21:00 | 0.343 | 1.663 | 1.718 | 3.266 | 0.325 | 3.298 | 61.23 | 63.11 | 62.08 | 61.40 | 62.20 | 59.33 | 26.493 | 0.351 |
| 6/13/2025 21:10 | 0.337 | 1.664 | 1.711 | 3.268 | 0.332 | 3.297 | 61.05 | 63.11 | 61.91 | 61.57 | 62.12 | 59.33 | 24.637 | 0.349 |
| 6/13/2025 21:20 | 0.321 | 1.657 | 1.699 | 3.257 | 0.322 | 3.298 | 60.88 | 63.11 | 61.74 | 61.57 | 62.03 | 59.33 | 24.273 | 0.348 |
| 6/13/2025 21:30 | 0.317 | 1.658 | 1.703 | 3.255 | 0.313 | 3.290 | 60.54 | 62.94 | 61.57 | 61.57 | 61.95 | 59.33 | 24.043 | 0.347 |
| 6/13/2025 21:40 | 0.318 | 1.652 | 1.707 | 3.256 | 0.324 | 3.289 | 60.37 | 62.94 | 61.40 | 61.57 | 61.86 | 59.32 | 23.524 | 0.346 |
| 6/13/2025 21:50 | 0.310 | 1.660 | 1.703 | 3.260 | 0.319 | 3.296 | 60.20 | 62.94 | 61.23 | 61.57 | 61.79 | 59.32 | 22.825 | 0.346 |
| 6/13/2025 22:00 | 0.310 | 1.648 | 1.699 | 3.261 | 0.318 | 3.293 | 60.02 | 62.77 | 61.05 | 61.57 | 61.70 | 59.32 | 23.016 | 0.346 |
| 6/13/2025 22:10 | 0.314 | 1.657 | 1.704 | 3.258 | 0.312 | 3.290 | 59.85 | 62.77 | 61.05 | 61.57 | 61.62 | 59.31 | 22.438 | 0.346 |
| 6/13/2025 22:20 | 0.306 | 1.656 | 1.703 | 3.254 | 0.306 | 3.285 | 59.68 | 62.60 | 60.88 | 61.57 | 61.53 | 59.31 | 22.250 | 0.346 |
| 6/13/2025 22:30 | 0.301 | 1.657 | 1.706 | 3.258 | 0.321 | 3.297 | 59.51 | 62.60 | 60.71 | 61.57 | 61.43 | 59.31 | 21.945 | 0.346 |
| 6/13/2025 22:40 | 0.380 | 1.664 | 1.706 | 3.262 | 0.318 | 3.298 | 59.34 | 62.43 | 60.54 | 61.57 | 61.34 | 59.31 | 21.774 | 0.346 |
| 6/13/2025 22:50 | 0.514 | 1.660 | 1.710 | 3.258 | 0.319 | 3.296 | 59.51 | 62.43 | 60.54 | 61.57 | 61.25 | 59.31 | 21.658 | 0.346 |
| 6/13/2025 23:00 | 0.694 | 1.661 | 1.699 | 3.256 | 0.325 | 3.297 | 59.68 | 62.43 | 60.37 | 61.57 | 61.16 | 59.30 | 21.653 | 0.346 |
| 6/13/2025 23:10 | 0.887 | 1.661 | 1.703 | 3.256 | 0.321 | 3.301 | 59.68 | 62.25 | 60.37 | 61.57 | 61.07 | 59.30 | 21.787 | 0.347 |
| 6/13/2025 23:20 | 1.089 | 1.654 | 1.696 | 3.252 | 0.318 | 3.296 | 59.68 | 62.25 | 60.37 | 61.57 | 60.98 | 59.30 | 21.547 | 0.347 |
| 6/13/2025 23:30 | 1.356 | 1.662 | 1.692 | 3.257 | 0.354 | 3.298 | 59.34 | 62.08 | 60.20 | 61.57 | 60.90 | 59.30 | 19.717 | 0.347 |
| 6/13/2025 23:40 | 1.667 | 1.661 | 1.692 | 3.252 | 0.512 | 3.296 | 58.13 | 62.08 | 60.20 | 61.57 | 60.80 | 59.29 | 21.130 | 0.347 |
| 6/13/2025 23:50 | 1.988 | 1.711 | 1.702 | 3.256 | 0.719 | 3.296 | 57.61 | 61.91 | 60.02 | 61.57 | 59.33 | 59.28 | 26.122 | 0.348 |
| 6/14/2025 0:00 | 2.423 | 1.841 | 1.721 | 3.257 | 0.877 | 3.305 | 57.61 | 61.91 | 60.02 | 61.57 | 58.40 | 59.28 | 27.517 | 0.348 |
| 6/14/2025 0:10 | 2.731 | 2.002 | 2.019 | 3.257 | 1.032 | 3.302 | 57.44 | 61.74 | 59.85 | 61.57 | 58.21 | 59.28 | 27.900 | 0.349 |
| 6/14/2025 0:20 | 3.016 | 2.174 | 2.184 | 3.265 | 1.208 | 3.307 | 56.75 | 61.74 | 59.85 | 61.57 | 57.95 | 59.28 | 28.315 | 0.350 |
| 6/14/2025 0:30 | 3.284 | 2.332 | 2.338 | 3.261 | 1.352 | 3.303 | 56.40 | 61.74 | 59.85 | 61.57 | 57.59 | 59.27 | 28.916 | 0.350 |
| 6/14/2025 0:40 | 3.591 | 2.496 | 2.505 | 3.269 | 1.512 | 3.310 | 56.06 | 61.57 | 59.68 | 61.57 | 57.91 | 59.27 | 29.266 | 0.351 |
| 6/14/2025 0:50 | 3.808 | 2.653 | 2.648 | 3.258 | 1.667 | 3.294 | 55.88 | 61.23 | 59.68 | 61.57 | 57.25 | 59.27 | 29.588 | 0.352 |
| 6/14/2025 1:00 | 3.950 | 2.812 | 2.798 | 3.266 | 1.805 | 3.305 | 55.71 | 60.37 | 59.68 | 61.57 | 56.89 | 59.26 | 29.843 | 0.353 |
| 6/14/2025 1:10 | 4.053 | 2.945 | 2.911 | 3.266 | 1.932 | 3.309 | 55.71 | 59.85 | 59.85 | 61.57 | 56.71 | 59.26 | 30.148 | 0.354 |
| 6/14/2025 1:20 | 4.144 | 3.068 | 3.025 | 3.263 | 2.041 | 3.301 | 55.54 | 59.34 | 59.85 | 61.57 | 56.63 | 59.26 | 30.365 | 0.355 |
| 6/14/2025 1:30 | 4.181 | 3.171 | 3.119 | 3.256 | 2.134 | 3.299 | 55.54 | 58.99 | 60.37 | 61.57 | 56.59 | 59.25 | 30.532 | 0.355 |
| 6/14/2025 1:40 | 4.113 | 3.274 | 3.232 | 3.263 | 2.231 | 3.301 | 55.54 | 58.65 | 60.20 | 61.57 | 56.55 | 59.25 | 30.606 | 0.356 |
| 6/14/2025 1:50 | 4.074 | 3.346 | 3.301 | 3.298 | 2.303 | 3.301 | 55.54 | 58.30 | 60.02 | 61.40 | 56.48 | 59.25 | 30.704 | 0.356 |
| 6/14/2025 2:00 | 4.033 | 3.391 | 3.366 | 3.356 | 2.361 | 3.302 | 55.36 | 58.13 | 59.68 | 61.40 | 56.44 | 59.25 | 30.763 | 0.356 |
| 6/14/2025 2:10 | 3.954 | 3.403 | 3.416 | 3.410 | 2.409 | 3.303 | 55.36 | 58.13 | 59.34 | 61.40 | 56.44 | 59.24 | 30.802 | 0.356 |
| 6/14/2025 2:20 | 3.939 | 3.452 | 3.456 | 3.454 | 2.460 | 3.297 | 55.36 | 57.44 | 59.16 | 61.40 | 56.36 | 59.24 | 30.863 | 0.356 |
| 6/14/2025 2:30 | 3.725 | 3.479 | 3.491 | 3.493 | 2.485 | 3.300 | 55.36 | 57.27 | 58.99 | 61.40 | 56.26 | 59.24 | 30.853 | 0.357 |
| 6/14/2025 2:40 | 3.588 | 3.509 | 3.513 | 3.521 | 2.512 | 3.304 | 55.36 | 57.10 | 58.82 | 61.40 | 56.17 | 59.23 | 30.871 | 0.357 |
| 6/14/2025 2:50 | 3.457 | 3.517 | 3.530 | 3.536 | 2.506 | 3.296 | 55.36 | 56.92 | 58.48 | 61.40 | 56.08 | 59.23 | 30.878 | 0.357 |
| 6/14/2025 3:00 | 3.256 | 3.398 | 3.425 | 3.513 | 2.378 | 3.296 | 55.36 | 56.92 | 58.48 | 61.40 | 55.78 | 59.23 | 30.969 | 0.358 |
| 6/14/2025 3:10 | 3.070 | 3.230 | 3.240 | 3.466 | 2.205 | 3.307 | 55.36 | 57.44 | 58.65 | 61.40 | 55.71 | 59.22 | 30.935 | 0.359 |
| 6/14/2025 3:20 | 2.830 | 3.013 | 3.028 | 3.397 | 1.992 | 3.306 | 55.54 | 57.61 | 58.82 | 61.40 | 55.83 | 59.22 | 30.873 | 0.360 |
| 6/14/2025 3:30 | 2.634 | 2.795 | 2.810 | 3.340 | 1.767 | 3.296 | 55.54 | 57.96 | 58.82 | 61.40 | 55.96 | 59.21 | 30.860 | 0.360 |
| 6/14/2025 3:40 | 2.441 | 2.601 | 2.610 | 3.313 | 1.570 | 3.303 | 55.54 | 58.13 | 58.99 | 61.40 | 56.05 | 59.21 | 30.857 | 0.361 |
| 6/14/2025 3:50 | 2.256 | 2.417 | 2.435 | 3.301 | 1.378 | 3.303 | 55.54 | 58.13 | 58.99 | 61.23 | 56.11 | 59.21 | 30.887 | 0.361 |
| 6/14/2025 4:00 | 2.079 | 2.249 | 2.271 | 3.285 | 1.203 | 3.303 | 55.71 | 58.30 | 58.99 | 61.23 | 56.18 | 59.20 | 30.872 | 0.361 |
| 6/14/2025 4:10 | 1.909 | 2.104 | 2.128 | 3.278 | 1.049 | 3.303 | 55.71 | 58.48 | 58.99 | 61.23 | 56.26 | 59.20 | 30.884 | 0.361 |
| 6/14/2025 4:20 | 1.771 | 1.977 | 2.011 | 3.270 | 0.921 | 3.298 | 55.71 | 58.48 | 58.99 | 61.23 | 56.35 | 59.20 | 30.892 | 0.361 |
| 6/14/2025 4:30 | 1.657 | 1.885 | 1.920 | 3.274 | 0.798 | 3.311 | 55.71 | 58.65 | 58.99 | 61.23 | 56.47 | 59.19 | 30.906 | 0.361 |
| 6/14/2025 4:40 | 1.539 | 1.805 | 1.840 | 3.266 | 0.685 | 3.297 | 55.71 | 58.65 | 58.99 | 61.23 | 56.67 | 59.19 | 30.925 | 0.362 |
| 6/14/2025 4:50 | 1.441 | 1.763 | 1.839 | 3.262 | 0.595 | 3.313 | 55.88 | 58.65 | 58.82 | 61.23 | 56.86 | 59.18 | 30.935 | 0.362 |
| 6/14/2025 5:00 | 1.354 | 1.740 | 1.836 | 3.274 | 0.528 | 3.311 | 55.88 | 58.65 | 58.82 | 61.23 | 57.00 | 59.18 | 30.900 | 0.362 |
| 6/14/2025 5:10 | 1.264 | 1.713 | 1.812 | 3.266 | 0.464 | 3.295 | 56.06 | 58.82 | 58.65 | 61.23 | 57.09 | 59.18 | 30.774 | 0.362 |
| 6/14/2025 5:20 | 1.195 | 1.703 | 1.802 | 3.259 | 0.426 | 3.304 | 56.23 | 58.82 | 58.65 | 61.05 | 57.17 | 59.17 | 30.607 | 0.362 |
| 6/14/2025 5:30 | 1.122 | 1.697 | 1.791 | 3.267 | 0.388 | 3.303 | 56.40 | 58.82 | 58.48 | 61.05 | 57.22 | 59.17 | 30.493 | 0.362 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/14/2025 5:40 | 1.060 | 1.693 | 1.777 | 3.264 | 0.375 | 3.296 | 56.40 | 58.82 | 58.48 | 61.05 | 57.25 | 59.17 | 30.363 | 0.362 |
| 6/14/2025 5:50 | 1.001 | 1.690 | 1.762 | 3.268 | 0.362 | 3.300 | 56.58 | 58.82 | 58.48 | 61.05 | 57.29 | 59.16 | 30.382 | 0.362 |
| 6/14/2025 6:00 | 0.946 | 1.685 | 1.750 | 3.264 | 0.344 | 3.284 | 56.58 | 58.82 | 58.30 | 61.05 | 57.31 | 59.16 | 30.063 | 0.363 |
| 6/14/2025 6:10 | 0.900 | 1.688 | 1.738 | 3.270 | 0.345 | 3.305 | 56.58 | 58.82 | 58.30 | 61.05 | 57.32 | 59.15 | 30.243 | 0.363 |
| 6/14/2025 6:20 | 0.854 | 1.680 | 1.734 | 3.266 | 0.348 | 3.303 | 56.75 | 58.82 | 58.30 | 61.05 | 57.34 | 59.15 | 30.195 | 0.363 |
| 6/14/2025 6:30 | 0.799 | 1.684 | 1.727 | 3.267 | 0.327 | 3.302 | 56.75 | 58.82 | 58.30 | 61.05 | 57.36 | 59.15 | 30.004 | 0.363 |
| 6/14/2025 6:40 | 0.764 | 1.688 | 1.731 | 3.270 | 0.340 | 3.324 | 56.92 | 58.82 | 58.30 | 61.05 | 57.36 | 59.14 | 29.938 | 0.363 |
| 6/14/2025 6:50 | 0.724 | 1.687 | 1.723 | 3.269 | 0.333 | 3.322 | 56.92 | 58.82 | 58.13 | 60.88 | 57.37 | 59.14 | 29.853 | 0.363 |
| 6/14/2025 7:00 | 0.686 | 1.684 | 1.719 | 3.270 | 0.335 | 3.330 | 57.10 | 58.82 | 58.13 | 60.88 | 57.37 | 59.13 | 29.660 | 0.363 |
| 6/14/2025 7:10 | 0.654 | 1.687 | 1.715 | 3.269 | 0.331 | 3.326 | 57.10 | 58.82 | 58.13 | 60.88 | 57.36 | 59.13 | 29.532 | 0.363 |
| 6/14/2025 7:20 | 0.626 | 1.683 | 1.718 | 3.269 | 0.338 | 3.321 | 57.10 | 58.82 | 58.13 | 60.88 | 57.36 | 59.13 | 29.368 | 0.363 |
| 6/14/2025 7:30 | 0.597 | 1.691 | 1.722 | 3.276 | 0.334 | 3.317 | 56.92 | 58.82 | 58.13 | 60.88 | 57.36 | 59.12 | 29.233 | 0.363 |
| 6/14/2025 7:40 | 0.574 | 1.690 | 1.725 | 3.284 | 0.336 | 3.323 | 57.10 | 58.82 | 58.13 | 60.88 | 57.35 | 59.12 | 28.984 | 0.363 |
| 6/14/2025 7:50 | 0.544 | 1.683 | 1.710 | 3.277 | 0.327 | 3.299 | 57.10 | 58.82 | 58.13 | 60.88 | 57.35 | 59.12 | 28.743 | 0.363 |
| 6/14/2025 8:00 | 0.512 | 1.680 | 1.707 | 3.269 | 0.325 | 3.309 | 57.10 | 58.82 | 58.13 | 60.88 | 57.35 | 59.12 | 28.555 | 0.363 |
| 6/14/2025 8:10 | 0.492 | 1.679 | 1.714 | 3.280 | 0.332 | 3.318 | 57.10 | 58.82 | 58.13 | 60.88 | 57.36 | 59.12 | 28.266 | 0.363 |
| 6/14/2025 8:20 | 0.480 | 1.683 | 1.714 | 3.268 | 0.335 | 3.319 | 57.10 | 58.82 | 58.13 | 60.71 | 57.36 | 59.11 | 28.034 | 0.363 |
| 6/14/2025 8:30 | 0.457 | 1.680 | 1.718 | 3.276 | 0.330 | 3.316 | 57.10 | 58.82 | 58.13 | 60.71 | 57.36 | 59.11 | 27.879 | 0.363 |
| 6/14/2025 8:40 | 0.444 | 1.690 | 1.714 | 3.275 | 0.335 | 3.322 | 57.10 | 58.82 | 58.13 | 60.71 | 57.36 | 59.11 | 27.725 | 0.363 |
| 6/14/2025 8:50 | 0.431 | 1.686 | 1.717 | 3.278 | 0.329 | 3.321 | 57.10 | 58.82 | 58.13 | 60.71 | 57.36 | 59.11 | 27.578 | 0.363 |
| 6/14/2025 9:00 | 0.422 | 1.688 | 1.723 | 3.277 | 0.335 | 3.316 | 57.10 | 58.82 | 58.13 | 60.71 | 57.36 | 59.11 | 27.468 | 0.363 |
| 6/14/2025 9:10 | 0.402 | 1.680 | 1.708 | 3.273 | 0.327 | 3.308 | 57.10 | 58.82 | 58.13 | 60.71 | 57.37 | 59.11 | 27.333 | 0.363 |
| 6/14/2025 9:20 | 0.386 | 1.688 | 1.715 | 3.277 | 0.327 | 3.310 | 57.10 | 58.82 | 58.13 | 60.71 | 57.37 | 59.10 | 27.219 | 0.363 |
| 6/14/2025 9:30 | 0.375 | 1.680 | 1.707 | 3.273 | 0.322 | 3.306 | 57.10 | 58.65 | 58.13 | 60.71 | 57.38 | 59.10 | 27.055 | 0.363 |
| 6/14/2025 9:40 | 0.370 | 1.683 | 1.725 | 3.272 | 0.331 | 3.315 | 57.10 | 58.65 | 58.13 | 60.71 | 57.39 | 59.10 | 26.849 | 0.362 |
| 6/14/2025 9:50 | 0.365 | 1.689 | 1.724 | 3.278 | 0.331 | 3.314 | 57.10 | 58.65 | 58.13 | 60.54 | 57.39 | 59.10 | 26.628 | 0.362 |
| 6/14/2025 10:00 | 0.359 | 1.684 | 1.723 | 3.284 | 0.337 | 3.312 | 57.10 | 58.65 | 58.30 | 60.54 | 57.40 | 59.10 | 26.442 | 0.362 |
| 6/14/2025 10:10 | 0.347 | 1.680 | 1.719 | 3.280 | 0.327 | 3.310 | 57.27 | 58.65 | 58.30 | 60.54 | 57.42 | 59.10 | 26.260 | 0.362 |
| 6/14/2025 10:20 | 0.336 | 1.683 | 1.711 | 3.275 | 0.325 | 3.296 | 57.27 | 58.65 | 58.30 | 60.54 | 57.43 | 59.10 | 26.197 | 0.362 |
| 6/14/2025 10:30 | 0.336 | 1.679 | 1.719 | 3.268 | 0.322 | 3.306 | 57.27 | 58.65 | 58.30 | 60.54 | 57.45 | 59.10 | 25.969 | 0.362 |
| 6/14/2025 10:40 | 0.337 | 1.684 | 1.723 | 3.272 | 0.326 | 3.306 | 57.27 | 58.65 | 58.30 | 60.54 | 57.47 | 59.10 | 25.836 | 0.362 |
| 6/14/2025 10:50 | 0.328 | 1.687 | 1.719 | 3.276 | 0.326 | 3.298 | 57.27 | 58.65 | 58.30 | 60.54 | 57.49 | 59.10 | 25.614 | 0.361 |
| 6/14/2025 11:00 | 0.330 | 1.690 | 1.722 | 3.290 | 0.336 | 3.310 | 57.27 | 58.65 | 58.48 | 60.54 | 57.50 | 59.10 | 25.371 | 0.361 |
| 6/14/2025 11:10 | 0.330 | 1.697 | 1.733 | 3.289 | 0.339 | 3.310 | 57.27 | 58.65 | 58.48 | 60.54 | 57.52 | 59.10 | 25.118 | 0.362 |
| 6/14/2025 11:20 | 0.322 | 1.693 | 1.726 | 3.281 | 0.336 | 3.310 | 57.27 | 58.65 | 58.48 | 60.37 | 57.53 | 59.11 | 24.891 | 0.362 |
| 6/14/2025 11:30 | 0.322 | 1.681 | 1.725 | 3.281 | 0.334 | 3.302 | 57.27 | 58.65 | 58.48 | 60.37 | 57.55 | 59.11 | 24.782 | 0.362 |
| 6/14/2025 11:40 | 0.333 | 1.696 | 1.737 | 3.288 | 0.349 | 3.320 | 57.27 | 58.65 | 58.65 | 60.37 | 57.56 | 59.11 | 24.631 | 0.362 |
| 6/14/2025 11:50 | 0.317 | 1.691 | 1.728 | 3.279 | 0.332 | 3.318 | 57.44 | 58.65 | 58.65 | 60.37 | 57.57 | 59.11 | 24.681 | 0.362 |
| 6/14/2025 12:00 | 0.377 | 1.688 | 1.729 | 3.280 | 0.334 | 3.311 | 57.44 | 58.65 | 58.65 | 60.37 | 57.59 | 59.11 | 24.728 | 0.362 |
| 6/14/2025 12:10 | 0.475 | 1.680 | 1.714 | 3.280 | 0.338 | 3.304 | 57.44 | 58.65 | 58.65 | 60.37 | 57.60 | 59.12 | 24.852 | 0.362 |
| 6/14/2025 12:20 | 0.640 | 1.691 | 1.724 | 3.279 | 0.332 | 3.306 | 57.61 | 58.65 | 58.65 | 60.37 | 57.62 | 59.12 | 24.836 | 0.362 |
| 6/14/2025 12:30 | 0.796 | 1.673 | 1.718 | 3.268 | 0.327 | 3.298 | 57.61 | 58.65 | 58.65 | 60.37 | 57.64 | 59.12 | 24.822 | 0.362 |
| 6/14/2025 12:40 | 0.953 | 1.676 | 1.725 | 3.272 | 0.332 | 3.308 | 57.61 | 58.65 | 58.65 | 60.37 | 57.65 | 59.13 | 24.827 | 0.362 |
| 6/14/2025 12:50 | 1.157 | 1.683 | 1.724 | 3.275 | 0.339 | 3.307 | 57.61 | 58.65 | 58.65 | 60.37 | 57.67 | 59.13 | 24.879 | 0.362 |
| 6/14/2025 13:00 | 1.375 | 1.675 | 1.713 | 3.271 | 0.396 | 3.301 | 57.79 | 58.65 | 58.82 | 60.37 | 57.69 | 59.14 | 24.945 | 0.362 |
| 6/14/2025 13:10 | 1.610 | 1.680 | 1.725 | 3.283 | 0.532 | 3.314 | 57.44 | 58.65 | 58.82 | 60.37 | 57.70 | 59.15 | 24.836 | 0.363 |
| 6/14/2025 13:20 | 1.890 | 1.718 | 1.725 | 3.275 | 0.717 | 3.324 | 57.27 | 58.82 | 58.82 | 60.37 | 57.64 | 59.15 | 25.900 | 0.363 |
| 6/14/2025 13:30 | 2.106 | 1.832 | 1.844 | 3.273 | 0.856 | 3.313 | 57.27 | 58.82 | 58.82 | 60.20 | 57.50 | 59.16 | 27.223 | 0.362 |
| 6/14/2025 13:40 | 2.373 | 1.972 | 1.982 | 3.279 | 0.993 | 3.313 | 57.27 | 58.82 | 58.82 | 60.20 | 57.44 | 59.16 | 27.637 | 0.362 |
| 6/14/2025 13:50 | 2.510 | 2.102 | 2.109 | 3.271 | 1.127 | 3.297 | 57.10 | 58.82 | 58.82 | 60.20 | 57.40 | 59.17 | 28.020 | 0.362 |
| 6/14/2025 14:00 | 2.681 | 2.239 | 2.250 | 3.274 | 1.261 | 3.299 | 56.92 | 58.82 | 58.82 | 60.20 | 57.29 | 59.17 | 28.563 | 0.362 |
| 6/14/2025 14:10 | 2.830 | 2.364 | 2.372 | 3.268 | 1.393 | 3.303 | 56.92 | 58.82 | 58.82 | 60.20 | 57.19 | 59.17 | 28.903 | 0.362 |
| 6/14/2025 14:20 | 2.881 | 2.490 | 2.493 | 3.271 | 1.494 | 3.306 | 56.92 | 58.82 | 58.82 | 60.20 | 57.16 | 59.18 | 29.102 | 0.362 |
| 6/14/2025 14:30 | 2.889 | 2.586 | 2.592 | 3.268 | 1.600 | 3.294 | 56.92 | 58.65 | 58.82 | 60.20 | 57.14 | 59.18 | 29.227 | 0.361 |
| 6/14/2025 14:40 | 2.861 | 2.669 | 2.675 | 3.271 | 1.679 | 3.296 | 56.92 | 58.65 | 58.82 | 60.20 | 57.12 | 59.19 | 29.287 | 0.361 |
| 6/14/2025 14:50 | 2.854 | 2.747 | 2.746 | 3.268 | 1.746 | 3.291 | 57.10 | 58.65 | 58.99 | 60.20 | 57.11 | 59.19 | 29.285 | 0.361 |
| 6/14/2025 15:00 | 2.784 | 2.790 | 2.798 | 3.273 | 1.796 | 3.296 | 57.10 | 58.65 | 58.99 | 60.20 | 57.10 | 59.19 | 29.309 | 0.361 |
| 6/14/2025 15:10 | 2.644 | 2.758 | 2.768 | 3.275 | 1.738 | 3.297 | 57.10 | 58.65 | 59.16 | 60.20 | 57.10 | 59.20 | 29.322 | 0.361 |
| 6/14/2025 15:20 | 2.559 | 2.644 | 2.663 | 3.268 | 1.648 | 3.288 | 57.27 | 58.65 | 59.34 | 60.20 | 57.10 | 59.20 | 29.310 | 0.361 |
| 6/14/2025 15:30 | 2.442 | 2.557 | 2.567 | 3.258 | 1.549 | 3.293 | 57.27 | 58.65 | 59.51 | 60.20 | 57.12 | 59.21 | 29.329 | 0.361 |
| 6/14/2025 15:40 | 2.275 | 2.421 | 2.445 | 3.264 | 1.415 | 3.290 | 57.27 | 58.65 | 59.51 | 60.20 | 57.15 | 59.21 | 29.344 | 0.361 |
| 6/14/2025 15:50 | 2.143 | 2.290 | 2.320 | 3.263 | 1.272 | 3.294 | 57.27 | 58.65 | 59.51 | 60.20 | 57.17 | 59.22 | 29.358 | 0.361 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/14/2025 16:00 | 2.016 | 2.173 | 2.202 | 3.262 | 1.146 | 3.292 | 57.44 | 58.65 | 59.51 | 60.20 | 57.20 | 59.22 | 29.344 | 0.362 |
| 6/14/2025 16:10 | 1.871 | 2.051 | 2.083 | 3.274 | 1.010 | 3.299 | 57.44 | 58.65 | 59.68 | 60.20 | 57.23 | 59.23 | 29.326 | 0.362 |
| 6/14/2025 16:20 | 1.738 | 1.942 | 1.972 | 3.268 | 0.890 | 3.288 | 57.44 | 58.82 | 59.85 | 60.20 | 57.29 | 59.23 | 29.358 | 0.362 |
| 6/14/2025 16:30 | 1.619 | 1.857 | 1.885 | 3.267 | 0.776 | 3.297 | 57.44 | 58.82 | 60.02 | 60.20 | 57.36 | 59.23 | 29.360 | 0.362 |
| 6/14/2025 16:40 | 1.497 | 1.788 | 1.820 | 3.267 | 0.663 | 3.293 | 57.79 | 58.82 | 60.37 | 60.20 | 57.44 | 59.24 | 29.373 | 0.363 |
| 6/14/2025 16:50 | 1.409 | 1.751 | 1.820 | 3.265 | 0.570 | 3.288 | 57.96 | 58.82 | 60.71 | 60.20 | 57.53 | 59.24 | 29.390 | 0.363 |
| 6/14/2025 17:00 | 1.309 | 1.719 | 1.810 | 3.266 | 0.497 | 3.289 | 58.13 | 58.99 | 60.71 | 60.20 | 57.64 | 59.25 | 29.443 | 0.363 |
| 6/14/2025 17:10 | 1.241 | 1.714 | 1.811 | 3.277 | 0.460 | 3.304 | 58.30 | 58.99 | 60.88 | 60.20 | 57.76 | 59.26 | 29.411 | 0.363 |
| 6/14/2025 17:20 | 1.153 | 1.697 | 1.791 | 3.275 | 0.416 | 3.300 | 58.48 | 58.99 | 61.05 | 60.20 | 57.85 | 59.26 | 29.430 | 0.363 |
| 6/14/2025 17:30 | 1.084 | 1.688 | 1.775 | 3.274 | 0.382 | 3.299 | 58.48 | 59.16 | 61.05 | 60.20 | 57.94 | 59.27 | 29.439 | 0.363 |
| 6/14/2025 17:40 | 1.026 | 1.688 | 1.760 | 3.270 | 0.364 | 3.296 | 58.65 | 59.16 | 61.05 | 60.20 | 58.03 | 59.27 | 29.439 | 0.363 |
| 6/14/2025 17:50 | 0.971 | 1.687 | 1.752 | 3.280 | 0.359 | 3.296 | 58.82 | 59.16 | 61.23 | 60.20 | 58.11 | 59.28 | 29.438 | 0.363 |
| 6/14/2025 18:00 | 0.908 | 1.677 | 1.742 | 3.269 | 0.347 | 3.295 | 58.82 | 59.34 | 61.23 | 60.20 | 58.20 | 59.29 | 29.428 | 0.363 |
| 6/14/2025 18:10 | 0.858 | 1.673 | 1.732 | 3.270 | 0.339 | 3.293 | 58.99 | 59.34 | 61.23 | 60.20 | 58.28 | 59.30 | 29.437 | 0.364 |
| 6/14/2025 18:20 | 0.811 | 1.673 | 1.721 | 3.273 | 0.333 | 3.293 | 59.16 | 59.34 | 61.23 | 60.20 | 58.36 | 59.31 | 29.431 | 0.363 |
| 6/14/2025 18:30 | 0.773 | 1.679 | 1.726 | 3.278 | 0.336 | 3.295 | 59.34 | 59.51 | 61.23 | 60.20 | 58.43 | 59.31 | 29.416 | 0.363 |
| 6/14/2025 18:40 | 0.736 | 1.680 | 1.723 | 3.280 | 0.337 | 3.293 | 59.34 | 59.51 | 61.05 | 60.20 | 58.52 | 59.32 | 29.403 | 0.364 |
| 6/14/2025 18:50 | 0.699 | 1.679 | 1.726 | 3.279 | 0.337 | 3.296 | 59.51 | 59.51 | 61.05 | 60.20 | 58.59 | 59.32 | 29.376 | 0.364 |
| 6/14/2025 19:00 | 0.663 | 1.679 | 1.717 | 3.275 | 0.334 | 3.310 | 59.51 | 59.51 | 60.88 | 60.20 | 58.67 | 59.34 | 29.317 | 0.365 |
| 6/14/2025 19:10 | 0.637 | 1.680 | 1.718 | 3.276 | 0.337 | 3.307 | 59.34 | 59.68 | 60.71 | 60.20 | 58.74 | 59.34 | 29.268 | 0.365 |
| 6/14/2025 19:20 | 0.602 | 1.680 | 1.724 | 3.280 | 0.333 | 3.303 | 59.51 | 59.68 | 60.54 | 60.20 | 58.81 | 59.34 | 29.235 | 0.365 |
| 6/14/2025 19:30 | 0.582 | 1.681 | 1.724 | 3.288 | 0.338 | 3.311 | 59.34 | 59.68 | 60.37 | 60.20 | 58.85 | 59.33 | 29.180 | 0.365 |
| 6/14/2025 19:40 | 0.552 | 1.682 | 1.717 | 3.282 | 0.333 | 3.302 | 59.34 | 59.68 | 60.20 | 60.20 | 58.89 | 59.33 | 29.074 | 0.365 |
| 6/14/2025 19:50 | 0.525 | 1.680 | 1.718 | 3.275 | 0.338 | 3.301 | 59.16 | 59.68 | 60.02 | 60.20 | 58.91 | 59.33 | 28.919 | 0.365 |
| 6/14/2025 20:00 | 0.503 | 1.682 | 1.716 | 3.277 | 0.334 | 3.300 | 59.16 | 59.68 | 59.85 | 60.20 | 58.92 | 59.33 | 28.812 | 0.365 |
| 6/14/2025 20:10 | 0.489 | 1.680 | 1.725 | 3.283 | 0.340 | 3.306 | 58.99 | 59.68 | 59.68 | 60.20 | 58.92 | 59.32 | 28.677 | 0.365 |
| 6/14/2025 20:20 | 0.464 | 1.678 | 1.717 | 3.282 | 0.334 | 3.291 | 58.99 | 59.68 | 59.34 | 60.20 | 58.92 | 59.32 | 28.466 | 0.365 |
| 6/14/2025 20:30 | 0.445 | 1.680 | 1.722 | 3.279 | 0.324 | 3.310 | 58.82 | 59.68 | 59.16 | 60.20 | 58.91 | 59.31 | 28.292 | 0.365 |
| 6/14/2025 20:40 | 0.435 | 1.682 | 1.727 | 3.277 | 0.342 | 3.300 | 58.65 | 59.68 | 58.99 | 60.20 | 58.88 | 59.31 | 28.101 | 0.365 |
| 6/14/2025 20:50 | 0.423 | 1.683 | 1.719 | 3.283 | 0.334 | 3.312 | 58.48 | 59.68 | 58.65 | 60.37 | 58.84 | 59.30 | 27.879 | 0.365 |
| 6/14/2025 21:00 | 0.405 | 1.688 | 1.727 | 3.273 | 0.330 | 3.311 | 58.48 | 59.68 | 58.48 | 60.37 | 58.81 | 59.28 | 27.677 | 0.364 |
| 6/14/2025 21:10 | 0.394 | 1.678 | 1.716 | 3.271 | 0.318 | 3.302 | 58.13 | 59.68 | 58.30 | 60.37 | 58.77 | 59.27 | 27.463 | 0.364 |
| 6/14/2025 21:20 | 0.386 | 1.683 | 1.720 | 3.279 | 0.328 | 3.309 | 57.96 | 59.68 | 58.13 | 60.37 | 58.72 | 59.26 | 27.157 | 0.364 |
| 6/14/2025 21:30 | 0.367 | 1.680 | 1.717 | 3.269 | 0.327 | 3.305 | 57.79 | 59.51 | 57.96 | 60.37 | 58.67 | 59.25 | 26.851 | 0.364 |
| 6/14/2025 21:40 | 0.364 | 1.673 | 1.717 | 3.270 | 0.326 | 3.302 | 57.61 | 59.51 | 57.79 | 60.37 | 58.60 | 59.24 | 26.629 | 0.363 |
| 6/14/2025 21:50 | 0.353 | 1.674 | 1.713 | 3.275 | 0.326 | 3.300 | 57.61 | 59.51 | 57.61 | 60.37 | 58.54 | 59.22 | 26.510 | 0.363 |
| 6/14/2025 22:00 | 0.345 | 1.667 | 1.713 | 3.268 | 0.325 | 3.302 | 57.44 | 59.51 | 57.44 | 60.37 | 58.47 | 59.21 | 26.172 | 0.363 |
| 6/14/2025 22:10 | 0.334 | 1.671 | 1.713 | 3.269 | 0.326 | 3.297 | 57.27 | 59.34 | 57.27 | 60.37 | 58.40 | 59.20 | 25.908 | 0.363 |
| 6/14/2025 22:20 | 0.341 | 1.675 | 1.712 | 3.273 | 0.322 | 3.299 | 57.10 | 59.34 | 57.10 | 60.37 | 58.33 | 59.19 | 25.757 | 0.363 |
| 6/14/2025 22:30 | 0.326 | 1.669 | 1.706 | 3.267 | 0.318 | 3.295 | 56.92 | 59.34 | 56.92 | 60.37 | 58.26 | 59.18 | 25.349 | 0.363 |
| 6/14/2025 22:40 | 0.322 | 1.673 | 1.717 | 3.271 | 0.318 | 3.292 | 56.75 | 59.16 | 56.75 | 60.37 | 58.18 | 59.17 | 25.150 | 0.363 |
| 6/14/2025 22:50 | 0.318 | 1.673 | 1.710 | 3.275 | 0.325 | 3.296 | 56.58 | 59.16 | 56.75 | 60.37 | 58.10 | 59.17 | 24.716 | 0.363 |
| 6/14/2025 23:00 | 0.315 | 1.666 | 1.721 | 3.272 | 0.316 | 3.291 | 56.58 | 58.99 | 56.58 | 60.37 | 58.00 | 59.16 | 24.542 | 0.363 |
| 6/14/2025 23:10 | 0.315 | 1.671 | 1.714 | 3.266 | 0.322 | 3.297 | 56.40 | 58.99 | 56.40 | 60.37 | 57.91 | 59.14 | 24.284 | 0.363 |
| 6/14/2025 23:20 | 0.318 | 1.675 | 1.714 | 3.270 | 0.321 | 3.309 | 56.06 | 58.99 | 56.40 | 60.37 | 57.82 | 59.13 | 23.862 | 0.363 |
| 6/14/2025 23:30 | 0.425 | 1.668 | 1.714 | 3.267 | 0.323 | 3.305 | 56.06 | 58.82 | 56.23 | 60.37 | 57.73 | 59.12 | 23.527 | 0.363 |
| 6/14/2025 23:40 | 0.588 | 1.672 | 1.718 | 3.267 | 0.320 | 3.305 | 56.06 | 58.82 | 56.23 | 60.37 | 57.64 | 59.11 | 23.093 | 0.363 |
| 6/14/2025 23:50 | 0.742 | 1.672 | 1.717 | 3.268 | 0.317 | 3.296 | 56.23 | 58.65 | 56.06 | 60.37 | 57.55 | 59.09 | 22.654 | 0.364 |
| 6/15/2025 0:00 | 0.936 | 1.669 | 1.721 | 3.268 | 0.320 | 3.300 | 56.23 | 58.65 | 56.06 | 60.37 | 57.46 | 59.08 | 22.439 | 0.364 |
| 6/15/2025 0:10 | 1.165 | 1.673 | 1.714 | 3.272 | 0.328 | 3.300 | 56.23 | 58.65 | 55.88 | 60.37 | 57.37 | 59.06 | 22.138 | 0.364 |
| 6/15/2025 0:20 | 1.477 | 1.669 | 1.721 | 3.261 | 0.408 | 3.297 | 56.23 | 58.48 | 55.71 | 60.37 | 57.29 | 59.05 | 21.936 | 0.363 |
| 6/15/2025 0:30 | 1.768 | 1.681 | 1.717 | 3.269 | 0.586 | 3.295 | 56.06 | 58.48 | 55.71 | 60.37 | 57.17 | 59.05 | 22.520 | 0.363 |
| 6/15/2025 0:40 | 2.066 | 1.750 | 1.717 | 3.269 | 0.771 | 3.300 | 56.06 | 58.30 | 55.54 | 60.20 | 56.76 | 59.04 | 26.109 | 0.362 |
| 6/15/2025 0:50 | 2.469 | 1.904 | 1.922 | 3.274 | 0.923 | 3.310 | 56.06 | 58.30 | 55.54 | 60.20 | 56.52 | 59.03 | 26.964 | 0.362 |
| 6/15/2025 1:00 | 2.809 | 2.073 | 2.082 | 3.282 | 1.090 | 3.313 | 56.06 | 58.30 | 55.36 | 60.20 | 56.45 | 59.02 | 27.383 | 0.361 |
| 6/15/2025 1:10 | 3.098 | 2.223 | 2.243 | 3.271 | 1.235 | 3.306 | 56.06 | 58.13 | 55.36 | 60.20 | 56.38 | 59.01 | 27.835 | 0.360 |
| 6/15/2025 1:20 | 3.364 | 2.388 | 2.393 | 3.271 | 1.401 | 3.300 | 56.06 | 58.13 | 55.19 | 60.20 | 56.33 | 59.00 | 28.318 | 0.359 |
| 6/15/2025 1:30 | 3.597 | 2.541 | 2.542 | 3.264 | 1.547 | 3.297 | 56.06 | 57.96 | 55.19 | 60.20 | 56.31 | 58.99 | 28.600 | 0.358 |
| 6/15/2025 1:40 | 3.786 | 2.698 | 2.685 | 3.275 | 1.690 | 3.301 | 56.06 | 57.79 | 55.19 | 60.20 | 56.29 | 58.98 | 28.862 | 0.358 |
| 6/15/2025 1:50 | 3.887 | 2.821 | 2.809 | 3.272 | 1.807 | 3.300 | 56.23 | 57.61 | 55.19 | 60.20 | 56.31 | 58.97 | 29.046 | 0.357 |
| 6/15/2025 2:00 | 3.962 | 2.939 | 2.933 | 3.268 | 1.933 | 3.300 | 56.23 | 57.44 | 55.19 | 60.20 | 56.35 | 58.96 | 29.153 | 0.357 |
| 6/15/2025 2:10 | 4.020 | 3.046 | 3.035 | 3.271 | 2.038 | 3.307 | 56.23 | 57.27 | 55.19 | 60.20 | 56.37 | 58.96 | 29.279 | 0.356 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/15/2025 2:20 | 4.084 | 3.142 | 3.130 | 3.263 | 2.133 | 3.295 | 56.23 | 57.10 | 55.88 | 60.02 | 56.37 | 58.95 | 29.344 | 0.356 |
| 6/15/2025 2:30 | 4.037 | 3.234 | 3.220 | 3.271 | 2.226 | 3.302 | 56.23 | 56.92 | 56.40 | 60.02 | 56.37 | 58.94 | 29.429 | 0.355 |
| 6/15/2025 2:40 | 3.959 | 3.303 | 3.295 | 3.315 | 2.293 | 3.303 | 56.23 | 56.75 | 56.58 | 60.02 | 56.37 | 58.93 | 29.461 | 0.355 |
| 6/15/2025 2:50 | 3.900 | 3.361 | 3.357 | 3.366 | 2.350 | 3.299 | 56.23 | 56.75 | 56.58 | 60.02 | 56.36 | 58.92 | 29.458 | 0.355 |
| 6/15/2025 3:00 | 3.865 | 3.412 | 3.401 | 3.421 | 2.399 | 3.306 | 56.23 | 56.75 | 56.58 | 60.02 | 56.35 | 58.91 | 29.452 | 0.354 |
| 6/15/2025 3:10 | 3.740 | 3.443 | 3.438 | 3.460 | 2.424 | 3.299 | 56.23 | 56.75 | 56.40 | 60.02 | 56.34 | 58.90 | 29.479 | 0.354 |
| 6/15/2025 3:20 | 3.538 | 3.474 | 3.463 | 3.491 | 2.458 | 3.301 | 56.23 | 56.75 | 56.40 | 60.02 | 56.34 | 58.89 | 29.466 | 0.354 |
| 6/15/2025 3:30 | 3.360 | 3.478 | 3.481 | 3.511 | 2.449 | 3.304 | 56.23 | 56.75 | 56.40 | 60.02 | 56.32 | 58.87 | 29.461 | 0.353 |
| 6/15/2025 3:40 | 3.213 | 3.366 | 3.365 | 3.490 | 2.329 | 3.299 | 56.23 | 56.75 | 56.40 | 59.85 | 56.31 | 58.85 | 29.490 | 0.353 |
| 6/15/2025 3:50 | 3.062 | 3.201 | 3.208 | 3.440 | 2.173 | 3.304 | 56.06 | 56.75 | 56.40 | 59.85 | 56.27 | 58.85 | 29.581 | 0.353 |
| 6/15/2025 4:00 | 2.809 | 3.006 | 3.003 | 3.381 | 1.956 | 3.303 | 56.06 | 56.92 | 56.40 | 59.85 | 56.25 | 58.84 | 29.492 | 0.353 |
| 6/15/2025 4:10 | 2.608 | 2.795 | 2.801 | 3.335 | 1.752 | 3.297 | 56.06 | 56.92 | 56.23 | 59.85 | 56.24 | 58.83 | 29.502 | 0.353 |
| 6/15/2025 4:20 | 2.430 | 2.579 | 2.602 | 3.303 | 1.551 | 3.302 | 56.06 | 56.92 | 55.71 | 59.85 | 56.23 | 58.82 | 29.478 | 0.352 |
| 6/15/2025 4:30 | 2.240 | 2.403 | 2.417 | 3.295 | 1.364 | 3.314 | 56.06 | 56.92 | 55.19 | 59.85 | 56.23 | 58.81 | 29.457 | 0.352 |
| 6/15/2025 4:40 | 2.071 | 2.242 | 2.266 | 3.292 | 1.194 | 3.311 | 56.06 | 56.92 | 54.67 | 59.85 | 56.22 | 58.79 | 29.482 | 0.352 |
| 6/15/2025 4:50 | 1.898 | 2.089 | 2.124 | 3.277 | 1.035 | 3.310 | 56.06 | 56.75 | 54.67 | 59.68 | 56.21 | 58.78 | 29.391 | 0.352 |
| 6/15/2025 5:00 | 1.757 | 1.971 | 1.995 | 3.281 | 0.896 | 3.297 | 56.06 | 56.75 | 54.50 | 59.68 | 56.19 | 58.76 | 29.375 | 0.351 |
| 6/15/2025 5:10 | 1.634 | 1.867 | 1.904 | 3.269 | 0.778 | 3.306 | 56.06 | 56.75 | 54.50 | 59.68 | 56.16 | 58.75 | 29.317 | 0.351 |
| 6/15/2025 5:20 | 1.523 | 1.802 | 1.841 | 3.276 | 0.678 | 3.309 | 56.06 | 56.75 | 54.32 | 59.68 | 56.08 | 58.74 | 29.247 | 0.351 |
| 6/15/2025 5:30 | 1.419 | 1.755 | 1.837 | 3.272 | 0.589 | 3.307 | 55.88 | 56.75 | 54.32 | 59.68 | 55.98 | 58.71 | 29.176 | 0.351 |
| 6/15/2025 5:40 | 1.335 | 1.730 | 1.820 | 3.266 | 0.507 | 3.306 | 55.88 | 56.58 | 54.15 | 59.68 | 55.86 | 58.70 | 29.151 | 0.351 |
| 6/15/2025 5:50 | 1.243 | 1.710 | 1.808 | 3.268 | 0.447 | 3.301 | 55.88 | 56.58 | 54.15 | 59.51 | 55.76 | 58.68 | 29.085 | 0.350 |
| 6/15/2025 6:00 | 1.174 | 1.694 | 1.792 | 3.275 | 0.406 | 3.305 | 55.71 | 56.58 | 54.15 | 59.51 | 55.69 | 58.67 | 29.079 | 0.350 |
| 6/15/2025 6:10 | 1.098 | 1.684 | 1.779 | 3.262 | 0.374 | 3.289 | 55.71 | 56.40 | 53.97 | 59.51 | 55.63 | 58.65 | 29.040 | 0.350 |
| 6/15/2025 6:20 | 1.037 | 1.679 | 1.766 | 3.264 | 0.350 | 3.291 | 55.54 | 56.40 | 53.97 | 59.51 | 55.58 | 58.63 | 28.978 | 0.350 |
| 6/15/2025 6:30 | 0.978 | 1.672 | 1.748 | 3.261 | 0.336 | 3.290 | 55.54 | 56.40 | 53.97 | 59.51 | 55.54 | 58.61 | 28.958 | 0.350 |
| 6/15/2025 6:40 | 0.928 | 1.673 | 1.738 | 3.262 | 0.323 | 3.287 | 55.54 | 56.40 | 53.97 | 59.51 | 55.50 | 58.60 | 28.917 | 0.350 |
| 6/15/2025 6:50 | 0.873 | 1.665 | 1.731 | 3.258 | 0.319 | 3.279 | 55.54 | 56.40 | 54.15 | 59.51 | 55.46 | 58.58 | 28.881 | 0.350 |
| 6/15/2025 7:00 | 0.825 | 1.672 | 1.727 | 3.265 | 0.311 | 3.292 | 55.54 | 56.23 | 54.15 | 59.34 | 55.43 | 58.57 | 28.842 | 0.349 |
| 6/15/2025 7:10 | 0.773 | 1.655 | 1.708 | 3.256 | 0.305 | 3.283 | 55.54 | 56.23 | 54.32 | 59.34 | 55.40 | 58.55 | 28.810 | 0.349 |
| 6/15/2025 7:20 | 0.740 | 1.670 | 1.711 | 3.259 | 0.315 | 3.290 | 55.54 | 56.23 | 54.32 | 59.34 | 55.38 | 58.54 | 28.744 | 0.349 |
| 6/15/2025 7:30 | 0.696 | 1.661 | 1.703 | 3.257 | 0.311 | 3.289 | 55.54 | 56.23 | 54.32 | 59.34 | 55.37 | 58.53 | 28.680 | 0.349 |
| 6/15/2025 7:40 | 0.665 | 1.666 | 1.709 | 3.266 | 0.310 | 3.297 | 55.54 | 56.23 | 54.50 | 59.34 | 55.36 | 58.52 | 28.652 | 0.349 |
| 6/15/2025 7:50 | 0.639 | 1.663 | 1.710 | 3.267 | 0.311 | 3.292 | 55.54 | 56.23 | 54.67 | 59.34 | 55.34 | 58.50 | 28.517 | 0.349 |
| 6/15/2025 8:00 | 0.600 | 1.667 | 1.703 | 3.262 | 0.309 | 3.293 | 55.71 | 56.23 | 54.84 | 59.16 | 55.34 | 58.49 | 28.434 | 0.349 |
| 6/15/2025 8:10 | 0.579 | 1.665 | 1.699 | 3.269 | 0.314 | 3.292 | 55.71 | 56.06 | 54.84 | 59.16 | 55.34 | 58.49 | 28.339 | 0.348 |
| 6/15/2025 8:20 | 0.553 | 1.662 | 1.701 | 3.266 | 0.309 | 3.295 | 55.88 | 56.06 | 55.19 | 59.16 | 55.36 | 58.48 | 28.253 | 0.348 |
| 6/15/2025 8:30 | 0.523 | 1.663 | 1.695 | 3.255 | 0.302 | 3.286 | 55.88 | 56.06 | 55.36 | 59.16 | 55.38 | 58.48 | 28.119 | 0.348 |
| 6/15/2025 8:40 | 0.499 | 1.666 | 1.696 | 3.266 | 0.309 | 3.287 | 56.06 | 56.06 | 55.71 | 59.16 | 55.41 | 58.47 | 27.996 | 0.348 |
| 6/15/2025 8:50 | 0.474 | 1.657 | 1.696 | 3.261 | 0.302 | 3.286 | 56.06 | 56.06 | 56.06 | 59.16 | 55.45 | 58.47 | 27.887 | 0.348 |
| 6/15/2025 9:00 | 0.461 | 1.659 | 1.699 | 3.267 | 0.316 | 3.297 | 56.23 | 56.06 | 56.23 | 59.16 | 55.49 | 58.47 | 27.837 | 0.348 |
| 6/15/2025 9:10 | 0.443 | 1.661 | 1.698 | 3.260 | 0.312 | 3.286 | 56.40 | 56.23 | 56.75 | 58.99 | 55.54 | 58.47 | 27.737 | 0.348 |
| 6/15/2025 9:20 | 0.430 | 1.667 | 1.695 | 3.270 | 0.318 | 3.292 | 56.58 | 56.23 | 57.10 | 58.99 | 55.59 | 58.47 | 27.634 | 0.347 |
| 6/15/2025 9:30 | 0.411 | 1.659 | 1.692 | 3.258 | 0.305 | 3.287 | 56.75 | 56.23 | 57.44 | 58.99 | 55.66 | 58.47 | 27.614 | 0.347 |
| 6/15/2025 9:40 | 0.405 | 1.668 | 1.699 | 3.270 | 0.314 | 3.299 | 57.10 | 56.23 | 57.96 | 58.99 | 55.75 | 58.47 | 27.488 | 0.347 |
| 6/15/2025 9:50 | 0.378 | 1.664 | 1.689 | 3.263 | 0.306 | 3.279 | 57.27 | 56.23 | 58.30 | 58.99 | 55.84 | 58.48 | 27.408 | 0.347 |
| 6/15/2025 10:00 | 0.364 | 1.652 | 1.683 | 3.263 | 0.306 | 3.284 | 57.61 | 56.23 | 58.82 | 58.99 | 55.95 | 58.49 | 27.328 | 0.347 |
| 6/15/2025 10:10 | 0.356 | 1.659 | 1.695 | 3.266 | 0.302 | 3.285 | 57.96 | 56.40 | 59.16 | 58.99 | 56.08 | 58.49 | 27.250 | 0.347 |
| 6/15/2025 10:20 | 0.343 | 1.653 | 1.684 | 3.260 | 0.308 | 3.276 | 58.30 | 56.40 | 59.68 | 58.99 | 56.22 | 58.50 | 27.129 | 0.347 |
| 6/15/2025 10:30 | 0.336 | 1.653 | 1.678 | 3.258 | 0.302 | 3.285 | 58.65 | 56.58 | 60.20 | 58.99 | 56.38 | 58.52 | 27.054 | 0.347 |
| 6/15/2025 10:40 | 0.333 | 1.652 | 1.683 | 3.258 | 0.305 | 3.281 | 59.16 | 56.58 | 60.71 | 58.99 | 56.55 | 58.53 | 26.990 | 0.346 |
| 6/15/2025 10:50 | 0.325 | 1.659 | 1.684 | 3.260 | 0.306 | 3.287 | 59.51 | 56.75 | 61.23 | 58.82 | 56.74 | 58.54 | 26.933 | 0.346 |
| 6/15/2025 11:00 | 0.313 | 1.649 | 1.681 | 3.261 | 0.304 | 3.279 | 59.85 | 56.75 | 61.74 | 58.82 | 56.94 | 58.56 | 26.860 | 0.346 |
| 6/15/2025 11:10 | 0.304 | 1.651 | 1.684 | 3.259 | 0.307 | 3.293 | 60.20 | 56.92 | 62.25 | 58.82 | 57.13 | 58.57 | 26.721 | 0.346 |
| 6/15/2025 11:20 | 0.306 | 1.659 | 1.684 | 3.259 | 0.309 | 3.285 | 60.71 | 57.10 | 62.77 | 58.82 | 57.35 | 58.59 | 26.650 | 0.346 |
| 6/15/2025 11:30 | 0.299 | 1.652 | 1.682 | 3.267 | 0.308 | 3.290 | 61.05 | 57.10 | 63.28 | 58.82 | 57.57 | 58.61 | 26.492 | 0.345 |
| 6/15/2025 11:40 | 0.292 | 1.648 | 1.680 | 3.260 | 0.310 | 3.287 | 61.23 | 57.27 | 63.63 | 58.82 | 57.80 | 58.63 | 26.422 | 0.344 |
| 6/15/2025 11:50 | 0.290 | 1.656 | 1.682 | 3.271 | 0.318 | 3.298 | 61.74 | 57.44 | 64.14 | 58.82 | 58.06 | 58.65 | 26.125 | 0.343 |
| 6/15/2025 12:00 | 0.290 | 1.645 | 1.676 | 3.258 | 0.311 | 3.284 | 61.91 | 57.61 | 64.65 | 58.82 | 58.31 | 58.67 | 25.859 | 0.343 |
| 6/15/2025 12:10 | 0.288 | 1.648 | 1.681 | 3.266 | 0.311 | 3.289 | 62.43 | 57.79 | 65.00 | 58.82 | 58.56 | 58.70 | 25.751 | 0.343 |
| 6/15/2025 12:20 | 0.283 | 1.650 | 1.674 | 3.271 | 0.319 | 3.290 | 62.77 | 57.96 | 65.34 | 58.82 | 58.82 | 58.73 | 25.662 | 0.342 |
| 6/15/2025 12:30 | 0.284 | 1.640 | 1.676 | 3.261 | 0.307 | 3.286 | 62.94 | 58.13 | 65.68 | 58.82 | 59.09 | 58.75 | 25.629 | 0.341 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/15/2025 12:40 | 0.349 | 1.653 | 1.678 | 3.269 | 0.307 | 3.290 | 63.11 | 58.30 | 66.02 | 58.82 | 59.41 | 58.77 | 25.424 | 0.341 |
| 6/15/2025 12:50 | 0.440 | 1.654 | 1.680 | 3.269 | 0.320 | 3.296 | 63.28 | 58.65 | 66.37 | 58.82 | 59.70 | 58.80 | 25.420 | 0.341 |
| 6/15/2025 13:00 | 0.591 | 1.654 | 1.684 | 3.273 | 0.329 | 3.301 | 63.46 | 58.82 | 66.54 | 58.82 | 60.00 | 58.83 | 25.172 | 0.340 |
| 6/15/2025 13:10 | 0.738 | 1.640 | 1.667 | 3.266 | 0.313 | 3.287 | 63.63 | 58.99 | 66.88 | 58.82 | 60.30 | 58.85 | 24.981 | 0.340 |
| 6/15/2025 13:20 | 0.897 | 1.644 | 1.672 | 3.266 | 0.319 | 3.298 | 63.97 | 59.34 | 67.05 | 58.99 | 60.58 | 58.87 | 24.729 | 0.340 |
| 6/15/2025 13:30 | 1.082 | 1.648 | 1.673 | 3.269 | 0.326 | 3.295 | 64.14 | 59.51 | 67.39 | 58.99 | 60.90 | 58.90 | 24.482 | 0.340 |
| 6/15/2025 13:40 | 1.291 | 1.636 | 1.672 | 3.272 | 0.354 | 3.296 | 64.31 | 59.85 | 67.56 | 58.99 | 61.19 | 58.92 | 24.210 | 0.340 |
| 6/15/2025 13:50 | 1.531 | 1.638 | 1.679 | 3.274 | 0.463 | 3.298 | 65.51 | 60.02 | 67.74 | 58.99 | 61.49 | 58.94 | 23.537 | 0.340 |
| 6/15/2025 14:00 | 1.794 | 1.643 | 1.660 | 3.266 | 0.631 | 3.293 | 66.02 | 60.37 | 67.91 | 58.99 | 62.25 | 58.97 | 23.078 | 0.340 |
| 6/15/2025 14:10 | 2.013 | 1.745 | 1.682 | 3.272 | 0.789 | 3.294 | 66.02 | 60.71 | 68.08 | 58.99 | 63.42 | 58.99 | 24.524 | 0.339 |
| 6/15/2025 14:20 | 2.252 | 1.880 | 1.887 | 3.272 | 0.928 | 3.300 | 65.68 | 60.88 | 68.25 | 58.99 | 63.83 | 59.02 | 25.244 | 0.339 |
| 6/15/2025 14:30 | 2.486 | 2.004 | 2.024 | 3.266 | 1.056 | 3.301 | 65.34 | 61.05 | 68.42 | 59.16 | 64.09 | 59.04 | 25.836 | 0.339 |
| 6/15/2025 14:40 | 2.664 | 2.131 | 2.149 | 3.262 | 1.173 | 3.288 | 64.65 | 61.23 | 68.59 | 59.16 | 64.21 | 59.06 | 26.404 | 0.339 |
| 6/15/2025 14:50 | 2.773 | 2.256 | 2.282 | 3.267 | 1.301 | 3.287 | 64.14 | 61.57 | 68.76 | 59.16 | 64.11 | 59.09 | 26.777 | 0.339 |
| 6/15/2025 15:00 | 2.899 | 2.379 | 2.395 | 3.266 | 1.418 | 3.293 | 64.14 | 62.08 | 68.93 | 59.16 | 63.92 | 59.11 | 27.017 | 0.339 |
| 6/15/2025 15:10 | 2.865 | 2.478 | 2.505 | 3.273 | 1.524 | 3.301 | 63.97 | 62.43 | 69.11 | 59.34 | 63.77 | 59.13 | 27.244 | 0.339 |
| 6/15/2025 15:20 | 2.811 | 2.560 | 2.582 | 3.265 | 1.597 | 3.294 | 64.14 | 62.77 | 69.28 | 59.34 | 63.63 | 59.15 | 27.374 | 0.339 |
| 6/15/2025 15:30 | 2.848 | 2.644 | 2.669 | 3.272 | 1.679 | 3.299 | 64.14 | 63.11 | 69.28 | 59.34 | 63.53 | 59.17 | 27.457 | 0.339 |
| 6/15/2025 15:40 | 2.700 | 2.696 | 2.729 | 3.270 | 1.725 | 3.294 | 64.14 | 63.28 | 69.28 | 59.34 | 63.43 | 59.18 | 27.506 | 0.339 |
| 6/15/2025 15:50 | 2.589 | 2.689 | 2.718 | 3.273 | 1.710 | 3.297 | 64.31 | 63.63 | 69.28 | 59.51 | 63.38 | 59.19 | 27.541 | 0.340 |
| 6/15/2025 16:00 | 2.504 | 2.591 | 2.610 | 3.267 | 1.620 | 3.298 | 64.31 | 63.80 | 70.31 | 59.51 | 63.37 | 59.21 | 27.559 | 0.340 |
| 6/15/2025 16:10 | 2.397 | 2.494 | 2.524 | 3.262 | 1.534 | 3.289 | 64.48 | 63.97 | 70.14 | 59.51 | 63.41 | 59.22 | 27.570 | 0.340 |
| 6/15/2025 16:20 | 2.261 | 2.373 | 2.416 | 3.260 | 1.400 | 3.291 | 64.83 | 64.14 | 69.28 | 59.68 | 63.46 | 59.23 | 27.580 | 0.340 |
| 6/15/2025 16:30 | 2.127 | 2.255 | 2.300 | 3.269 | 1.270 | 3.295 | 64.83 | 64.31 | 68.42 | 59.68 | 63.52 | 59.24 | 27.604 | 0.340 |
| 6/15/2025 16:40 | 1.990 | 2.134 | 2.180 | 3.270 | 1.140 | 3.289 | 64.83 | 64.31 | 67.56 | 59.68 | 63.60 | 59.24 | 27.598 | 0.341 |
| 6/15/2025 16:50 | 1.859 | 2.015 | 2.060 | 3.274 | 1.005 | 3.300 | 65.00 | 64.48 | 67.05 | 59.85 | 63.72 | 59.25 | 27.623 | 0.342 |
| 6/15/2025 17:00 | 1.724 | 1.917 | 1.966 | 3.276 | 0.904 | 3.302 | 65.17 | 64.48 | 66.54 | 59.85 | 63.87 | 59.26 | 27.660 | 0.342 |
| 6/15/2025 17:10 | 1.599 | 1.823 | 1.874 | 3.270 | 0.781 | 3.296 | 65.17 | 64.65 | 66.19 | 60.02 | 64.04 | 59.27 | 27.690 | 0.342 |
| 6/15/2025 17:20 | 1.485 | 1.762 | 1.826 | 3.262 | 0.678 | 3.296 | 65.34 | 64.65 | 66.02 | 60.02 | 64.19 | 59.27 | 27.710 | 0.342 |
| 6/15/2025 17:30 | 1.401 | 1.723 | 1.825 | 3.274 | 0.589 | 3.301 | 65.17 | 64.65 | 65.85 | 60.02 | 64.32 | 59.28 | 27.691 | 0.342 |
| 6/15/2025 17:40 | 1.303 | 1.684 | 1.806 | 3.266 | 0.508 | 3.294 | 65.51 | 64.65 | 65.85 | 60.20 | 64.44 | 59.28 | 27.707 | 0.341 |
| 6/15/2025 17:50 | 1.239 | 1.684 | 1.799 | 3.278 | 0.457 | 3.309 | 65.34 | 64.65 | 65.68 | 60.20 | 64.50 | 59.29 | 27.689 | 0.341 |
| 6/15/2025 18:00 | 1.159 | 1.664 | 1.783 | 3.269 | 0.418 | 3.296 | 65.34 | 64.65 | 65.51 | 60.20 | 64.50 | 59.29 | 27.685 | 0.341 |
| 6/15/2025 18:10 | 1.096 | 1.664 | 1.778 | 3.278 | 0.395 | 3.301 | 65.34 | 64.48 | 65.17 | 60.37 | 64.49 | 59.30 | 27.650 | 0.341 |
| 6/15/2025 18:20 | 1.030 | 1.662 | 1.760 | 3.280 | 0.376 | 3.296 | 65.17 | 64.48 | 64.83 | 60.37 | 64.48 | 59.31 | 27.524 | 0.341 |
| 6/15/2025 18:30 | 0.963 | 1.650 | 1.732 | 3.264 | 0.344 | 3.293 | 65.17 | 64.48 | 64.48 | 60.37 | 64.45 | 59.31 | 27.363 | 0.340 |
| 6/15/2025 18:40 | 0.908 | 1.638 | 1.723 | 3.261 | 0.333 | 3.289 | 65.17 | 64.31 | 64.14 | 60.54 | 64.41 | 59.31 | 27.134 | 0.340 |
| 6/15/2025 18:50 | 0.872 | 1.649 | 1.733 | 3.268 | 0.343 | 3.302 | 65.34 | 64.31 | 63.97 | 60.54 | 64.37 | 59.31 | 27.075 | 0.339 |
| 6/15/2025 19:00 | 0.820 | 1.653 | 1.721 | 3.261 | 0.337 | 3.296 | 65.00 | 64.31 | 63.63 | 60.54 | 64.33 | 59.31 | 27.007 | 0.339 |
| 6/15/2025 19:10 | 0.774 | 1.651 | 1.722 | 3.267 | 0.335 | 3.300 | 64.83 | 64.14 | 63.28 | 60.54 | 64.28 | 59.31 | 26.969 | 0.339 |
| 6/15/2025 19:20 | 0.736 | 1.649 | 1.715 | 3.262 | 0.335 | 3.301 | 64.65 | 64.14 | 62.94 | 60.71 | 64.21 | 59.31 | 26.897 | 0.338 |
| 6/15/2025 19:30 | 0.694 | 1.651 | 1.708 | 3.264 | 0.331 | 3.294 | 64.48 | 64.14 | 62.77 | 60.71 | 64.14 | 59.31 | 26.827 | 0.338 |
| 6/15/2025 19:40 | 0.659 | 1.656 | 1.712 | 3.265 | 0.323 | 3.292 | 64.31 | 63.97 | 62.43 | 60.71 | 64.06 | 59.30 | 26.789 | 0.338 |
| 6/15/2025 19:50 | 0.624 | 1.653 | 1.708 | 3.266 | 0.329 | 3.295 | 64.14 | 63.97 | 62.08 | 60.71 | 63.96 | 59.30 | 26.731 | 0.338 |
| 6/15/2025 20:00 | 0.601 | 1.646 | 1.707 | 3.257 | 0.326 | 3.293 | 63.80 | 63.80 | 61.74 | 60.88 | 63.86 | 59.29 | 26.664 | 0.338 |
| 6/15/2025 20:10 | 0.562 | 1.651 | 1.693 | 3.254 | 0.326 | 3.284 | 63.63 | 63.80 | 61.57 | 60.88 | 63.75 | 59.29 | 26.584 | 0.338 |
| 6/15/2025 20:20 | 0.536 | 1.641 | 1.697 | 3.256 | 0.317 | 3.279 | 63.63 | 63.63 | 61.23 | 60.88 | 63.62 | 59.28 | 26.475 | 0.338 |
| 6/15/2025 20:30 | 0.513 | 1.647 | 1.691 | 3.254 | 0.321 | 3.280 | 63.28 | 63.63 | 61.05 | 60.88 | 63.49 | 59.27 | 26.397 | 0.339 |
| 6/15/2025 20:40 | 0.486 | 1.651 | 1.694 | 3.251 | 0.319 | 3.282 | 63.11 | 63.46 | 60.71 | 60.88 | 63.34 | 59.26 | 26.300 | 0.339 |
| 6/15/2025 20:50 | 0.466 | 1.651 | 1.697 | 3.253 | 0.316 | 3.277 | 62.94 | 63.28 | 60.54 | 61.05 | 63.19 | 59.25 | 26.199 | 0.339 |
| 6/15/2025 21:00 | 0.447 | 1.641 | 1.693 | 3.258 | 0.327 | 3.280 | 62.77 | 63.28 | 60.37 | 61.05 | 63.04 | 59.24 | 26.119 | 0.339 |
| 6/15/2025 21:10 | 0.430 | 1.648 | 1.692 | 3.258 | 0.322 | 3.284 | 62.43 | 63.11 | 60.02 | 61.05 | 62.88 | 59.23 | 26.015 | 0.339 |
| 6/15/2025 21:20 | 0.414 | 1.660 | 1.707 | 3.258 | 0.325 | 3.288 | 62.25 | 63.11 | 59.85 | 61.05 | 62.73 | 59.22 | 25.925 | 0.339 |
| 6/15/2025 21:30 | 0.402 | 1.649 | 1.696 | 3.255 | 0.321 | 3.287 | 61.91 | 62.94 | 59.68 | 61.05 | 62.58 | 59.21 | 25.713 | 0.339 |
| 6/15/2025 21:40 | 0.394 | 1.665 | 1.707 | 3.260 | 0.321 | 3.288 | 61.57 | 62.77 | 59.51 | 61.05 | 62.42 | 59.20 | 25.523 | 0.339 |
| 6/15/2025 21:50 | 0.374 | 1.658 | 1.700 | 3.258 | 0.326 | 3.290 | 61.40 | 62.60 | 59.34 | 61.05 | 62.26 | 59.19 | 25.349 | 0.339 |
| 6/15/2025 22:00 | 0.358 | 1.658 | 1.696 | 3.250 | 0.316 | 3.296 | 61.23 | 62.60 | 59.16 | 61.05 | 62.10 | 59.17 | 25.122 | 0.340 |
| 6/15/2025 22:10 | 0.346 | 1.647 | 1.695 | 3.251 | 0.315 | 3.283 | 61.05 | 62.43 | 58.99 | 61.05 | 61.93 | 59.16 | 24.876 | 0.340 |
| 6/15/2025 22:20 | 0.337 | 1.654 | 1.698 | 3.248 | 0.315 | 3.287 | 60.71 | 62.25 | 58.82 | 61.23 | 61.78 | 59.15 | 24.673 | 0.340 |
| 6/15/2025 22:30 | 0.325 | 1.658 | 1.702 | 3.256 | 0.322 | 3.280 | 60.54 | 62.25 | 58.65 | 61.23 | 61.61 | 59.14 | 24.244 | 0.340 |
| 6/15/2025 22:40 | 0.321 | 1.651 | 1.691 | 3.253 | 0.316 | 3.289 | 60.37 | 62.08 | 58.48 | 61.23 | 61.46 | 59.13 | 23.944 | 0.340 |
| 6/15/2025 22:50 | 0.316 | 1.654 | 1.698 | 3.245 | 0.317 | 3.282 | 60.02 | 61.91 | 58.30 | 61.23 | 61.30 | 59.12 | 23.514 | 0.340 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/15/2025 23:00 | 0.304 | 1.650 | 1.690 | 3.241 | 0.315 | 3.281 | 59.85 | 61.91 | 58.30 | 61.23 | 61.14 | 59.10 | 23.169 | 0.340 |
| 6/15/2025 23:10 | 0.306 | 1.649 | 1.689 | 3.252 | 0.309 | 3.281 | 59.68 | 61.74 | 58.13 | 61.23 | 60.99 | 59.10 | 22.896 | 0.341 |
| 6/15/2025 23:20 | 0.294 | 1.649 | 1.688 | 3.248 | 0.304 | 3.280 | 59.68 | 61.57 | 57.96 | 61.23 | 60.84 | 59.09 | 22.385 | 0.341 |
| 6/15/2025 23:30 | 0.305 | 1.660 | 1.695 | 3.255 | 0.319 | 3.284 | 59.51 | 61.57 | 57.96 | 61.23 | 60.69 | 59.09 | 22.062 | 0.341 |
| 6/15/2025 23:40 | 0.289 | 1.656 | 1.684 | 3.248 | 0.302 | 3.276 | 59.34 | 61.40 | 57.96 | 61.23 | 60.55 | 59.08 | 21.586 | 0.342 |
| 6/15/2025 23:50 | 0.292 | 1.651 | 1.687 | 3.248 | 0.314 | 3.282 | 59.16 | 61.23 | 57.79 | 61.23 | 60.41 | 59.07 | 21.198 | 0.342 |
| 6/16/2025 0:00 | 0.287 | 1.666 | 1.694 | 3.259 | 0.315 | 3.284 | 58.99 | 61.23 | 57.79 | 61.23 | 60.27 | 59.06 | 20.649 | 0.343 |
| 6/16/2025 0:10 | 0.346 | 1.654 | 1.694 | 3.251 | 0.311 | 3.280 | 58.99 | 61.05 | 57.79 | 61.23 | 60.15 | 59.06 | 20.216 | 0.343 |
| 6/16/2025 0:20 | 0.459 | 1.661 | 1.698 | 3.258 | 0.321 | 3.285 | 58.99 | 60.88 | 57.79 | 61.23 | 60.03 | 59.06 | 19.591 | 0.344 |
| 6/16/2025 0:30 | 0.602 | 1.661 | 1.693 | 3.255 | 0.318 | 3.288 | 58.99 | 60.88 | 57.61 | 61.23 | 59.91 | 59.05 | 19.162 | 0.344 |
| 6/16/2025 0:40 | 0.808 | 1.661 | 1.686 | 3.259 | 0.311 | 3.282 | 58.99 | 60.71 | 57.61 | 61.05 | 59.80 | 59.05 | 18.576 | 0.344 |
| 6/16/2025 0:50 | 0.976 | 1.665 | 1.698 | 3.259 | 0.315 | 3.289 | 58.82 | 60.71 | 57.61 | 61.05 | 59.69 | 59.04 | 18.185 | 0.344 |
| 6/16/2025 1:00 | 1.274 | 1.662 | 1.695 | 3.255 | 0.327 | 3.289 | 58.99 | 60.54 | 57.61 | 61.05 | 59.58 | 59.04 | 17.940 | 0.345 |
| 6/16/2025 1:10 | 1.535 | 1.659 | 1.691 | 3.257 | 0.441 | 3.287 | 58.82 | 60.54 | 57.44 | 61.05 | 59.47 | 59.03 | 17.356 | 0.345 |
| 6/16/2025 1:20 | 1.820 | 1.671 | 1.695 | 3.253 | 0.633 | 3.287 | 58.13 | 60.37 | 57.44 | 61.05 | 59.11 | 59.03 | 24.872 | 0.345 |
| 6/16/2025 1:30 | 2.219 | 1.766 | 1.699 | 3.257 | 0.797 | 3.284 | 57.96 | 60.20 | 57.44 | 61.05 | 58.46 | 59.02 | 26.897 | 0.345 |
| 6/16/2025 1:40 | 2.512 | 1.924 | 1.933 | 3.254 | 0.949 | 3.293 | 57.96 | 60.20 | 57.27 | 61.05 | 58.36 | 59.02 | 27.279 | 0.345 |
| 6/16/2025 1:50 | 2.942 | 2.085 | 2.097 | 3.262 | 1.113 | 3.288 | 57.79 | 60.02 | 57.10 | 61.05 | 58.30 | 59.01 | 27.665 | 0.345 |
| 6/16/2025 2:00 | 3.223 | 2.242 | 2.250 | 3.251 | 1.265 | 3.275 | 57.61 | 60.02 | 57.10 | 61.05 | 58.38 | 59.01 | 27.977 | 0.345 |
| 6/16/2025 2:10 | 3.488 | 2.400 | 2.411 | 3.255 | 1.414 | 3.278 | 57.61 | 60.02 | 57.10 | 61.05 | 58.36 | 59.00 | 28.397 | 0.345 |
| 6/16/2025 2:20 | 3.672 | 2.560 | 2.554 | 3.259 | 1.561 | 3.285 | 57.44 | 59.85 | 57.10 | 61.05 | 58.18 | 58.99 | 28.444 | 0.345 |
| 6/16/2025 2:30 | 3.819 | 2.698 | 2.692 | 3.250 | 1.707 | 3.279 | 57.44 | 59.51 | 57.10 | 60.88 | 58.03 | 58.98 | 28.618 | 0.345 |
| 6/16/2025 2:40 | 3.969 | 2.835 | 2.820 | 3.250 | 1.831 | 3.283 | 57.44 | 59.34 | 57.10 | 60.88 | 57.94 | 58.98 | 28.921 | 0.345 |
| 6/16/2025 2:50 | 4.017 | 2.946 | 2.933 | 3.250 | 1.948 | 3.285 | 57.44 | 59.16 | 57.10 | 60.88 | 57.90 | 58.97 | 29.136 | 0.345 |
| 6/16/2025 3:00 | 4.060 | 3.061 | 3.045 | 3.250 | 2.051 | 3.279 | 57.44 | 58.99 | 57.61 | 60.88 | 57.86 | 58.96 | 29.283 | 0.346 |
| 6/16/2025 3:10 | 4.100 | 3.153 | 3.126 | 3.251 | 2.144 | 3.277 | 57.44 | 58.82 | 58.48 | 60.88 | 57.83 | 58.96 | 29.434 | 0.346 |
| 6/16/2025 3:20 | 4.172 | 3.242 | 3.231 | 3.263 | 2.241 | 3.288 | 57.44 | 58.65 | 58.82 | 60.88 | 57.79 | 58.95 | 29.578 | 0.346 |
| 6/16/2025 3:30 | 3.959 | 3.319 | 3.305 | 3.311 | 2.314 | 3.295 | 57.44 | 58.48 | 58.82 | 60.88 | 57.77 | 58.94 | 29.703 | 0.346 |
| 6/16/2025 3:40 | 4.007 | 3.381 | 3.367 | 3.370 | 2.359 | 3.294 | 57.44 | 58.48 | 58.82 | 60.88 | 57.75 | 58.94 | 29.802 | 0.346 |
| 6/16/2025 3:50 | 3.925 | 3.415 | 3.417 | 3.412 | 2.403 | 3.292 | 57.44 | 58.30 | 58.65 | 60.71 | 57.72 | 58.92 | 29.859 | 0.346 |
| 6/16/2025 4:00 | 3.868 | 3.453 | 3.457 | 3.465 | 2.455 | 3.290 | 57.27 | 58.30 | 58.65 | 60.71 | 57.70 | 58.92 | 29.927 | 0.346 |
| 6/16/2025 4:10 | 3.634 | 3.479 | 3.488 | 3.492 | 2.476 | 3.294 | 57.27 | 58.13 | 58.48 | 60.71 | 57.67 | 58.91 | 29.957 | 0.346 |
| 6/16/2025 4:20 | 3.523 | 3.494 | 3.503 | 3.519 | 2.490 | 3.291 | 57.27 | 58.13 | 58.48 | 60.71 | 57.65 | 58.90 | 30.004 | 0.346 |
| 6/16/2025 4:30 | 3.376 | 3.455 | 3.469 | 3.526 | 2.436 | 3.285 | 57.27 | 58.13 | 58.30 | 60.71 | 57.64 | 58.89 | 30.051 | 0.346 |
| 6/16/2025 4:40 | 3.135 | 3.306 | 3.308 | 3.480 | 2.243 | 3.291 | 57.27 | 58.30 | 58.30 | 60.71 | 57.50 | 58.89 | 30.156 | 0.346 |
| 6/16/2025 4:50 | 2.934 | 3.083 | 3.094 | 3.414 | 2.038 | 3.290 | 57.27 | 58.30 | 58.48 | 60.71 | 57.45 | 58.88 | 30.051 | 0.346 |
| 6/16/2025 5:00 | 2.784 | 2.877 | 2.907 | 3.356 | 1.854 | 3.293 | 57.27 | 58.48 | 58.30 | 60.71 | 57.48 | 58.87 | 30.001 | 0.346 |
| 6/16/2025 5:10 | 2.497 | 2.666 | 2.690 | 3.317 | 1.620 | 3.292 | 57.27 | 58.48 | 57.96 | 60.54 | 57.51 | 58.87 | 29.978 | 0.347 |
| 6/16/2025 5:20 | 2.294 | 2.471 | 2.498 | 3.297 | 1.435 | 3.282 | 57.27 | 58.65 | 57.44 | 60.54 | 57.53 | 58.86 | 29.969 | 0.348 |
| 6/16/2025 5:30 | 2.105 | 2.286 | 2.324 | 3.285 | 1.257 | 3.290 | 57.27 | 58.65 | 57.10 | 60.54 | 57.56 | 58.85 | 29.916 | 0.349 |
| 6/16/2025 5:40 | 1.950 | 2.144 | 2.171 | 3.280 | 1.090 | 3.296 | 57.27 | 58.65 | 57.10 | 60.54 | 57.58 | 58.85 | 29.910 | 0.349 |
| 6/16/2025 5:50 | 1.808 | 2.009 | 2.034 | 3.272 | 0.948 | 3.288 | 57.27 | 58.65 | 56.92 | 60.54 | 57.59 | 58.84 | 29.873 | 0.349 |
| 6/16/2025 6:00 | 1.673 | 1.898 | 1.921 | 3.264 | 0.801 | 3.282 | 57.27 | 58.65 | 56.92 | 60.54 | 57.60 | 58.83 | 29.871 | 0.350 |
| 6/16/2025 6:10 | 1.557 | 1.812 | 1.839 | 3.259 | 0.692 | 3.280 | 57.27 | 58.65 | 56.92 | 60.54 | 57.58 | 58.83 | 29.786 | 0.350 |
| 6/16/2025 6:20 | 1.458 | 1.757 | 1.827 | 3.257 | 0.605 | 3.288 | 57.44 | 58.48 | 56.92 | 60.37 | 57.55 | 58.82 | 29.666 | 0.350 |
| 6/16/2025 6:30 | 1.362 | 1.721 | 1.818 | 3.263 | 0.531 | 3.283 | 57.44 | 58.48 | 56.92 | 60.37 | 57.51 | 58.82 | 29.461 | 0.350 |
| 6/16/2025 6:40 | 1.274 | 1.708 | 1.812 | 3.262 | 0.469 | 3.276 | 57.44 | 58.48 | 56.75 | 60.37 | 57.49 | 58.82 | 29.264 | 0.350 |
| 6/16/2025 6:50 | 1.202 | 1.688 | 1.786 | 3.257 | 0.419 | 3.278 | 57.44 | 58.48 | 56.75 | 60.37 | 57.46 | 58.81 | 29.231 | 0.350 |
| 6/16/2025 7:00 | 1.136 | 1.677 | 1.769 | 3.262 | 0.387 | 3.283 | 57.44 | 58.48 | 56.75 | 60.37 | 57.44 | 58.81 | 29.212 | 0.350 |
| 6/16/2025 7:10 | 1.060 | 1.665 | 1.746 | 3.253 | 0.356 | 3.275 | 57.44 | 58.48 | 56.75 | 60.37 | 57.43 | 58.81 | 29.185 | 0.350 |
| 6/16/2025 7:20 | 1.008 | 1.667 | 1.741 | 3.248 | 0.349 | 3.276 | 57.61 | 58.48 | 56.92 | 60.37 | 57.43 | 58.80 | 29.130 | 0.350 |
| 6/16/2025 7:30 | 0.943 | 1.654 | 1.729 | 3.250 | 0.327 | 3.278 | 57.61 | 58.30 | 56.92 | 60.37 | 57.43 | 58.80 | 29.078 | 0.350 |
| 6/16/2025 7:40 | 0.887 | 1.660 | 1.717 | 3.252 | 0.326 | 3.280 | 57.79 | 58.30 | 56.92 | 60.20 | 57.44 | 58.80 | 29.005 | 0.350 |
| 6/16/2025 7:50 | 0.840 | 1.652 | 1.709 | 3.248 | 0.316 | 3.269 | 57.96 | 58.30 | 57.10 | 60.20 | 57.45 | 58.80 | 28.718 | 0.350 |
| 6/16/2025 8:00 | 0.800 | 1.655 | 1.705 | 3.255 | 0.319 | 3.275 | 57.96 | 58.30 | 57.10 | 60.20 | 57.47 | 58.79 | 28.180 | 0.350 |
| 6/16/2025 8:10 | 0.761 | 1.654 | 1.704 | 3.254 | 0.311 | 3.276 | 58.13 | 58.30 | 57.10 | 60.20 | 57.50 | 58.79 | 27.559 | 0.350 |
| 6/16/2025 8:20 | 0.706 | 1.654 | 1.697 | 3.250 | 0.306 | 3.268 | 58.30 | 58.30 | 57.27 | 60.20 | 57.53 | 58.79 | 27.030 | 0.350 |
| 6/16/2025 8:30 | 0.678 | 1.661 | 1.697 | 3.252 | 0.307 | 3.274 | 58.48 | 58.30 | 57.44 | 60.20 | 57.56 | 58.79 | 26.376 | 0.351 |
| 6/16/2025 8:40 | 0.646 | 1.656 | 1.693 | 3.256 | 0.310 | 3.272 | 58.65 | 58.30 | 57.61 | 60.20 | 57.60 | 58.79 | 25.593 | 0.351 |
| 6/16/2025 8:50 | 0.606 | 1.647 | 1.682 | 3.243 | 0.310 | 3.268 | 58.65 | 58.30 | 57.79 | 60.20 | 57.63 | 58.79 | 24.984 | 0.351 |
| 6/16/2025 9:00 | 0.572 | 1.645 | 1.684 | 3.243 | 0.300 | 3.264 | 58.82 | 58.30 | 58.13 | 60.02 | 57.66 | 58.80 | 24.345 | 0.351 |
| 6/16/2025 9:10 | 0.550 | 1.642 | 1.683 | 3.244 | 0.301 | 3.265 | 58.99 | 58.30 | 58.48 | 60.02 | 57.70 | 58.80 | 23.622 | 0.351 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/16/2025 9:20 | 0.522 | 1.645 | 1.679 | 3.243 | 0.306 | 3.278 | 59.16 | 58.30 | 58.82 | 60.02 | 57.74 | 58.80 | 23.031 | 0.351 |
| 6/16/2025 9:30 | 0.511 | 1.645 | 1.686 | 3.252 | 0.309 | 3.272 | 59.34 | 58.30 | 59.16 | 60.02 | 57.79 | 58.81 | 22.488 | 0.351 |
| 6/16/2025 9:40 | 0.479 | 1.644 | 1.678 | 3.238 | 0.297 | 3.269 | 59.51 | 58.30 | 59.68 | 60.02 | 57.86 | 58.81 | 21.955 | 0.351 |
| 6/16/2025 9:50 | 0.458 | 1.644 | 1.669 | 3.243 | 0.291 | 3.266 | 59.85 | 58.30 | 60.02 | 60.02 | 57.93 | 58.82 | 21.667 | 0.351 |
| 6/16/2025 10:00 | 0.448 | 1.646 | 1.681 | 3.253 | 0.303 | 3.275 | 60.02 | 58.30 | 60.54 | 60.02 | 58.04 | 58.82 | 21.071 | 0.351 |
| 6/16/2025 10:10 | 0.418 | 1.639 | 1.668 | 3.242 | 0.293 | 3.267 | 60.20 | 58.30 | 60.88 | 60.02 | 58.17 | 58.83 | 20.794 | 0.351 |
| 6/16/2025 10:20 | 0.406 | 1.645 | 1.672 | 3.244 | 0.298 | 3.260 | 60.54 | 58.48 | 61.40 | 60.02 | 58.34 | 58.84 | 20.316 | 0.351 |
| 6/16/2025 10:30 | 0.397 | 1.645 | 1.677 | 3.254 | 0.302 | 3.274 | 60.71 | 58.48 | 61.91 | 60.02 | 58.52 | 58.85 | 20.073 | 0.351 |
| 6/16/2025 10:40 | 0.386 | 1.651 | 1.678 | 3.253 | 0.307 | 3.267 | 61.05 | 58.48 | 62.43 | 60.02 | 58.71 | 58.86 | 19.767 | 0.350 |
| 6/16/2025 10:50 | 0.376 | 1.652 | 1.677 | 3.249 | 0.300 | 3.277 | 61.40 | 58.65 | 62.94 | 59.85 | 58.90 | 58.88 | 19.557 | 0.350 |
| 6/16/2025 11:00 | 0.371 | 1.645 | 1.669 | 3.250 | 0.313 | 3.278 | 61.74 | 58.65 | 63.28 | 59.85 | 59.06 | 58.89 | 19.451 | 0.350 |
| 6/16/2025 11:10 | 0.359 | 1.652 | 1.674 | 3.253 | 0.308 | 3.273 | 62.25 | 58.82 | 63.80 | 59.85 | 59.23 | 58.90 | 19.285 | 0.349 |
| 6/16/2025 11:20 | 0.340 | 1.648 | 1.671 | 3.252 | 0.308 | 3.275 | 62.60 | 58.82 | 64.31 | 59.85 | 59.36 | 58.92 | 19.391 | 0.349 |
| 6/16/2025 11:30 | 0.334 | 1.645 | 1.663 | 3.248 | 0.303 | 3.280 | 62.94 | 58.99 | 64.83 | 59.85 | 59.59 | 58.94 | 19.221 | 0.349 |
| 6/16/2025 11:40 | 0.324 | 1.645 | 1.669 | 3.256 | 0.308 | 3.272 | 63.46 | 59.16 | 65.34 | 59.85 | 59.88 | 58.95 | 19.102 | 0.349 |
| 6/16/2025 11:50 | 0.312 | 1.632 | 1.658 | 3.250 | 0.301 | 3.271 | 63.97 | 59.34 | 65.85 | 59.85 | 60.05 | 58.97 | 19.128 | 0.349 |
| 6/16/2025 12:00 | 0.306 | 1.644 | 1.661 | 3.254 | 0.307 | 3.270 | 64.48 | 59.51 | 66.37 | 59.85 | 60.38 | 58.99 | 18.921 | 0.348 |
| 6/16/2025 12:10 | 0.304 | 1.638 | 1.660 | 3.263 | 0.314 | 3.272 | 64.65 | 59.68 | 66.71 | 59.85 | 60.76 | 59.01 | 18.630 | 0.348 |
| 6/16/2025 12:20 | 0.298 | 1.643 | 1.663 | 3.252 | 0.311 | 3.279 | 65.00 | 59.85 | 67.22 | 59.85 | 61.13 | 59.03 | 18.333 | 0.348 |
| 6/16/2025 12:30 | 0.300 | 1.643 | 1.671 | 3.256 | 0.316 | 3.279 | 65.34 | 60.02 | 67.56 | 59.85 | 61.19 | 59.05 | 18.453 | 0.348 |
| 6/16/2025 12:40 | 0.294 | 1.641 | 1.671 | 3.257 | 0.319 | 3.280 | 65.51 | 60.20 | 67.91 | 59.85 | 61.44 | 59.08 | 18.274 | 0.348 |
| 6/16/2025 12:50 | 0.281 | 1.632 | 1.659 | 3.255 | 0.314 | 3.279 | 65.68 | 60.37 | 68.25 | 59.85 | 61.61 | 59.10 | 18.260 | 0.348 |
| 6/16/2025 13:00 | 0.278 | 1.628 | 1.649 | 3.246 | 0.312 | 3.263 | 66.19 | 60.54 | 68.59 | 59.85 | 61.83 | 59.13 | 18.268 | 0.348 |
| 6/16/2025 13:10 | 0.294 | 1.631 | 1.649 | 3.245 | 0.308 | 3.268 | 66.54 | 60.88 | 68.93 | 59.85 | 62.07 | 59.16 | 18.313 | 0.348 |
| 6/16/2025 13:20 | 0.367 | 1.629 | 1.660 | 3.255 | 0.311 | 3.278 | 66.71 | 61.05 | 69.28 | 59.85 | 62.29 | 59.19 | 18.404 | 0.347 |
| 6/16/2025 13:30 | 0.525 | 1.629 | 1.660 | 3.245 | 0.311 | 3.274 | 66.88 | 61.40 | 69.62 | 59.85 | 62.53 | 59.22 | 18.462 | 0.347 |
| 6/16/2025 13:40 | 0.643 | 1.621 | 1.660 | 3.245 | 0.304 | 3.272 | 67.05 | 61.57 | 69.79 | 60.02 | 63.00 | 59.25 | 18.309 | 0.347 |
| 6/16/2025 13:50 | 0.812 | 1.621 | 1.657 | 3.240 | 0.308 | 3.266 | 67.22 | 61.91 | 70.14 | 60.02 | 63.26 | 59.29 | 18.396 | 0.347 |
| 6/16/2025 14:00 | 0.971 | 1.620 | 1.649 | 3.243 | 0.311 | 3.268 | 67.56 | 62.08 | 70.31 | 60.02 | 63.52 | 59.30 | 18.327 | 0.347 |
| 6/16/2025 14:10 | 1.190 | 1.624 | 1.656 | 3.246 | 0.327 | 3.271 | 67.56 | 62.43 | 70.48 | 60.02 | 63.79 | 59.32 | 18.327 | 0.348 |
| 6/16/2025 14:20 | 1.479 | 1.619 | 1.652 | 3.245 | 0.413 | 3.276 | 68.76 | 62.60 | 70.65 | 60.02 | 63.99 | 59.34 | 18.274 | 0.348 |
| 6/16/2025 14:30 | 1.740 | 1.629 | 1.654 | 3.242 | 0.657 | 3.270 | 68.59 | 62.77 | 70.65 | 60.02 | 64.67 | 59.37 | 18.365 | 0.348 |
| 6/16/2025 14:40 | 1.971 | 1.795 | 1.669 | 3.239 | 0.887 | 3.264 | 67.22 | 63.11 | 70.65 | 60.20 | 68.12 | 59.39 | 21.879 | 0.348 |
| 6/16/2025 14:50 | 2.262 | 2.038 | 2.051 | 3.244 | 1.140 | 3.272 | 66.54 | 63.28 | 70.82 | 60.20 | 67.74 | 59.41 | 23.995 | 0.348 |
| 6/16/2025 15:00 | 2.508 | 2.344 | 2.361 | 3.246 | 1.434 | 3.281 | 65.51 | 63.63 | 71.00 | 60.20 | 66.63 | 59.42 | 25.062 | 0.348 |
| 6/16/2025 15:10 | 2.819 | 2.622 | 2.629 | 3.243 | 1.710 | 3.276 | 64.14 | 63.97 | 71.00 | 60.20 | 65.67 | 59.44 | 25.998 | 0.348 |
| 6/16/2025 15:20 | 2.821 | 2.823 | 2.869 | 3.251 | 1.919 | 3.277 | 63.63 | 64.48 | 70.65 | 60.37 | 64.90 | 59.45 | 26.742 | 0.348 |
| 6/16/2025 15:30 | 3.007 | 2.972 | 3.011 | 3.249 | 2.013 | 3.281 | 63.46 | 65.00 | 70.31 | 60.37 | 64.43 | 59.46 | 27.343 | 0.348 |
| 6/16/2025 15:40 | 3.173 | 3.116 | 3.113 | 3.246 | 2.121 | 3.288 | 63.28 | 65.17 | 70.14 | 60.37 | 64.07 | 59.48 | 27.852 | 0.348 |
| 6/16/2025 15:50 | 3.118 | 3.151 | 3.192 | 3.258 | 2.151 | 3.290 | 63.28 | 65.34 | 70.31 | 60.54 | 63.92 | 59.49 | 28.085 | 0.348 |
| 6/16/2025 16:00 | 3.122 | 3.193 | 3.283 | 3.274 | 2.254 | 3.284 | 63.46 | 65.34 | 70.31 | 60.54 | 63.78 | 59.50 | 28.212 | 0.348 |
| 6/16/2025 16:10 | 3.093 | 3.134 | 3.182 | 3.292 | 2.169 | 3.282 | 63.46 | 65.34 | 70.31 | 60.54 | 63.71 | 59.51 | 28.363 | 0.348 |
| 6/16/2025 16:20 | 3.021 | 3.093 | 3.172 | 3.282 | 2.146 | 3.279 | 63.80 | 65.34 | 70.14 | 60.71 | 63.66 | 59.51 | 28.448 | 0.348 |
| 6/16/2025 16:30 | 3.008 | 3.000 | 3.055 | 3.266 | 2.011 | 3.294 | 63.80 | 65.34 | 70.14 | 60.71 | 63.66 | 59.50 | 28.485 | 0.348 |
| 6/16/2025 16:40 | 2.916 | 2.934 | 2.951 | 3.261 | 1.957 | 3.286 | 63.97 | 65.51 | 70.14 | 60.71 | 63.74 | 59.50 | 28.513 | 0.348 |
| 6/16/2025 16:50 | 2.807 | 2.829 | 2.892 | 3.253 | 1.849 | 3.278 | 63.80 | 65.51 | 69.96 | 60.88 | 63.84 | 59.50 | 28.522 | 0.348 |
| 6/16/2025 17:00 | 2.632 | 2.697 | 2.736 | 3.243 | 1.727 | 3.273 | 63.97 | 65.68 | 69.96 | 60.88 | 63.97 | 59.50 | 28.536 | 0.348 |
| 6/16/2025 17:10 | 2.529 | 2.602 | 2.615 | 3.247 | 1.557 | 3.272 | 63.97 | 65.85 | 69.96 | 61.05 | 64.09 | 59.49 | 28.522 | 0.348 |
| 6/16/2025 17:20 | 2.345 | 2.469 | 2.491 | 3.241 | 1.448 | 3.275 | 63.97 | 65.85 | 69.79 | 61.05 | 64.24 | 59.49 | 28.526 | 0.348 |
| 6/16/2025 17:30 | 2.233 | 2.306 | 2.349 | 3.247 | 1.318 | 3.282 | 64.14 | 66.02 | 69.28 | 61.05 | 64.39 | 59.49 | 28.525 | 0.348 |
| 6/16/2025 17:40 | 2.074 | 2.171 | 2.235 | 3.257 | 1.181 | 3.286 | 64.31 | 66.19 | 68.59 | 61.23 | 64.53 | 59.49 | 28.502 | 0.348 |
| 6/16/2025 17:50 | 1.933 | 2.037 | 2.093 | 3.243 | 1.022 | 3.281 | 64.31 | 66.19 | 67.91 | 61.23 | 64.67 | 59.49 | 28.516 | 0.348 |
| 6/16/2025 18:00 | 1.793 | 1.926 | 1.981 | 3.245 | 0.908 | 3.288 | 64.31 | 66.37 | 67.39 | 61.23 | 64.81 | 59.49 | 28.518 | 0.348 |
| 6/16/2025 18:10 | 1.661 | 1.844 | 1.889 | 3.253 | 0.802 | 3.290 | 64.31 | 66.37 | 66.88 | 61.40 | 64.92 | 59.49 | 28.447 | 0.347 |
| 6/16/2025 18:20 | 1.538 | 1.766 | 1.831 | 3.243 | 0.695 | 3.283 | 64.31 | 66.37 | 66.54 | 61.40 | 65.02 | 59.48 | 28.344 | 0.348 |
| 6/16/2025 18:30 | 1.432 | 1.723 | 1.819 | 3.243 | 0.606 | 3.280 | 64.65 | 66.19 | 66.37 | 61.40 | 65.12 | 59.48 | 28.150 | 0.348 |
| 6/16/2025 18:40 | 1.350 | 1.689 | 1.807 | 3.248 | 0.531 | 3.279 | 64.65 | 66.19 | 66.02 | 61.57 | 65.19 | 59.47 | 27.853 | 0.349 |
| 6/16/2025 18:50 | 1.263 | 1.670 | 1.795 | 3.245 | 0.476 | 3.283 | 64.65 | 66.19 | 65.85 | 61.57 | 65.22 | 59.47 | 27.664 | 0.349 |
| 6/16/2025 19:00 | 1.173 | 1.648 | 1.781 | 3.239 | 0.430 | 3.280 | 65.17 | 66.02 | 65.51 | 61.57 | 65.26 | 59.47 | 27.414 | 0.349 |
| 6/16/2025 19:10 | 1.104 | 1.643 | 1.759 | 3.242 | 0.394 | 3.272 | 65.17 | 66.02 | 65.17 | 61.74 | 65.27 | 59.47 | 27.224 | 0.349 |
| 6/16/2025 19:20 | 1.039 | 1.648 | 1.745 | 3.248 | 0.368 | 3.280 | 65.34 | 65.85 | 64.83 | 61.74 | 65.26 | 59.46 | 27.008 | 0.350 |
| 6/16/2025 19:30 | 0.974 | 1.638 | 1.724 | 3.241 | 0.353 | 3.282 | 65.34 | 65.85 | 64.48 | 61.74 | 65.24 | 59.46 | 26.708 | 0.350 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/16/2025 19:40 | 0.925 | 1.636 | 1.714 | 3.237 | 0.346 | 3.278 | 65.34 | 65.68 | 64.14 | 61.91 | 65.19 | 59.46 | 26.286 | 0.350 |
| 6/16/2025 19:50 | 0.870 | 1.634 | 1.703 | 3.231 | 0.326 | 3.273 | 65.00 | 65.68 | 63.80 | 61.91 | 65.12 | 59.46 | 25.609 | 0.350 |
| 6/16/2025 20:00 | 0.817 | 1.627 | 1.693 | 3.233 | 0.317 | 3.282 | 65.00 | 65.51 | 63.63 | 61.91 | 65.03 | 59.46 | 24.869 | 0.350 |
| 6/16/2025 20:10 | 0.785 | 1.643 | 1.704 | 3.244 | 0.325 | 3.281 | 65.00 | 65.51 | 63.28 | 61.91 | 64.92 | 59.46 | 23.875 | 0.350 |
| 6/16/2025 20:20 | 0.738 | 1.637 | 1.689 | 3.238 | 0.317 | 3.279 | 64.65 | 65.34 | 62.94 | 61.91 | 64.79 | 59.45 | 22.967 | 0.350 |
| 6/16/2025 20:30 | 0.698 | 1.629 | 1.689 | 3.225 | 0.314 | 3.283 | 64.31 | 65.17 | 62.60 | 62.08 | 64.67 | 59.45 | 22.145 | 0.350 |
| 6/16/2025 20:40 | 0.670 | 1.642 | 1.686 | 3.233 | 0.314 | 3.289 | 64.14 | 65.17 | 62.43 | 62.08 | 64.53 | 59.45 | 21.603 | 0.350 |
| 6/16/2025 20:50 | 0.638 | 1.649 | 1.682 | 3.241 | 0.327 | 3.294 | 63.97 | 65.00 | 62.25 | 62.08 | 64.39 | 59.44 | 21.220 | 0.350 |
| 6/16/2025 21:00 | 0.602 | 1.641 | 1.677 | 3.234 | 0.311 | 3.287 | 63.63 | 64.83 | 61.91 | 62.08 | 64.25 | 59.44 | 20.720 | 0.350 |
| 6/16/2025 21:10 | 0.578 | 1.649 | 1.684 | 3.242 | 0.318 | 3.295 | 63.63 | 64.83 | 61.74 | 62.08 | 64.10 | 59.43 | 20.218 | 0.350 |
| 6/16/2025 21:20 | 0.547 | 1.645 | 1.673 | 3.238 | 0.321 | 3.286 | 63.46 | 64.65 | 61.57 | 62.08 | 63.95 | 59.42 | 19.781 | 0.350 |
| 6/16/2025 21:30 | 0.521 | 1.641 | 1.679 | 3.235 | 0.318 | 3.293 | 63.11 | 64.48 | 61.23 | 62.08 | 63.80 | 59.42 | 19.031 | 0.350 |
| 6/16/2025 21:40 | 0.490 | 1.642 | 1.668 | 3.236 | 0.313 | 3.282 | 62.94 | 64.48 | 61.05 | 62.25 | 63.64 | 59.42 | 19.069 | 0.350 |
| 6/16/2025 21:50 | 0.466 | 1.638 | 1.675 | 3.237 | 0.305 | 3.278 | 62.77 | 64.31 | 60.88 | 62.25 | 63.49 | 59.41 | 18.675 | 0.350 |
| 6/16/2025 22:00 | 0.450 | 1.638 | 1.671 | 3.234 | 0.307 | 3.283 | 62.60 | 64.14 | 60.71 | 62.25 | 63.33 | 59.41 | 18.566 | 0.350 |
| 6/16/2025 22:10 | 0.435 | 1.638 | 1.664 | 3.234 | 0.307 | 3.276 | 62.43 | 63.97 | 60.54 | 62.25 | 63.17 | 59.40 | 18.034 | 0.350 |
| 6/16/2025 22:20 | 0.418 | 1.638 | 1.667 | 3.234 | 0.297 | 3.278 | 62.25 | 63.97 | 60.37 | 62.25 | 63.02 | 59.40 | 18.350 | 0.350 |
| 6/16/2025 22:30 | 0.404 | 1.644 | 1.677 | 3.237 | 0.315 | 3.284 | 62.08 | 63.80 | 60.37 | 62.25 | 62.87 | 59.40 | 18.201 | 0.350 |
| 6/16/2025 22:40 | 0.392 | 1.636 | 1.672 | 3.240 | 0.302 | 3.280 | 61.91 | 63.63 | 60.20 | 62.25 | 62.72 | 59.39 | 18.179 | 0.350 |
| 6/16/2025 22:50 | 0.371 | 1.636 | 1.664 | 3.233 | 0.297 | 3.276 | 61.74 | 63.63 | 60.02 | 62.25 | 62.58 | 59.39 | 18.071 | 0.350 |
| 6/16/2025 23:00 | 0.362 | 1.646 | 1.675 | 3.236 | 0.300 | 3.283 | 61.57 | 63.46 | 60.02 | 62.25 | 62.44 | 59.38 | 17.784 | 0.350 |
| 6/16/2025 23:10 | 0.346 | 1.638 | 1.674 | 3.224 | 0.298 | 3.276 | 61.57 | 63.28 | 60.02 | 62.25 | 62.30 | 59.38 | 17.416 | 0.349 |
| 6/16/2025 23:20 | 0.346 | 1.645 | 1.677 | 3.232 | 0.301 | 3.282 | 61.40 | 63.11 | 59.85 | 62.25 | 62.17 | 59.37 | 16.869 | 0.349 |
| 6/16/2025 23:30 | 0.342 | 1.649 | 1.678 | 3.244 | 0.315 | 3.288 | 61.23 | 63.11 | 59.85 | 62.25 | 62.04 | 59.37 | 16.439 | 0.349 |
| 6/16/2025 23:40 | 0.329 | 1.645 | 1.678 | 3.236 | 0.301 | 3.289 | 61.05 | 62.94 | 59.85 | 62.25 | 61.92 | 59.37 | 16.221 | 0.349 |
| 6/16/2025 23:50 | 0.314 | 1.642 | 1.678 | 3.233 | 0.303 | 3.289 | 61.05 | 62.77 | 59.68 | 62.25 | 61.81 | 59.36 | 15.789 | 0.349 |
| 6/17/2025 0:00 | 0.321 | 1.641 | 1.674 | 3.240 | 0.299 | 3.284 | 60.88 | 62.77 | 59.68 | 62.25 | 61.70 | 59.35 | 15.389 | 0.349 |
| 6/17/2025 0:10 | 0.312 | 1.641 | 1.677 | 3.236 | 0.303 | 3.283 | 60.71 | 62.60 | 59.68 | 62.25 | 61.59 | 59.35 | 14.664 | 0.349 |
| 6/17/2025 0:20 | 0.303 | 1.640 | 1.670 | 3.233 | 0.296 | 3.289 | 60.54 | 62.60 | 59.68 | 62.25 | 61.48 | 59.35 | 14.051 | 0.349 |
| 6/17/2025 0:30 | 0.303 | 1.636 | 1.673 | 3.233 | 0.298 | 3.276 | 60.54 | 62.43 | 59.68 | 62.25 | 61.38 | 59.34 | 13.789 | 0.349 |
| 6/17/2025 0:40 | 0.290 | 1.640 | 1.666 | 3.239 | 0.304 | 3.288 | 60.37 | 62.43 | 59.68 | 62.08 | 61.27 | 59.33 | 13.882 | 0.349 |
| 6/17/2025 0:50 | 0.278 | 1.639 | 1.669 | 3.232 | 0.297 | 3.276 | 60.20 | 62.25 | 59.51 | 62.08 | 61.17 | 59.33 | 14.109 | 0.349 |
| 6/17/2025 1:00 | 0.334 | 1.639 | 1.673 | 3.236 | 0.303 | 3.285 | 60.20 | 62.08 | 59.51 | 62.08 | 61.08 | 59.33 | 14.190 | 0.350 |
| 6/17/2025 1:10 | 0.467 | 1.646 | 1.669 | 3.232 | 0.305 | 3.285 | 60.20 | 62.08 | 59.51 | 62.08 | 60.99 | 59.33 | 14.227 | 0.350 |
| 6/17/2025 1:20 | 0.649 | 1.646 | 1.676 | 3.235 | 0.304 | 3.270 | 60.20 | 61.91 | 59.51 | 62.08 | 60.89 | 59.32 | 14.399 | 0.350 |
| 6/17/2025 1:30 | 0.830 | 1.638 | 1.668 | 3.232 | 0.290 | 3.271 | 60.20 | 61.91 | 59.51 | 62.08 | 60.80 | 59.32 | 14.518 | 0.351 |
| 6/17/2025 1:40 | 1.019 | 1.638 | 1.657 | 3.232 | 0.299 | 3.283 | 60.02 | 61.91 | 59.51 | 62.08 | 60.71 | 59.32 | 14.506 | 0.351 |
| 6/17/2025 1:50 | 1.299 | 1.653 | 1.668 | 3.243 | 0.326 | 3.281 | 60.02 | 61.74 | 59.34 | 62.08 | 60.63 | 59.32 | 14.497 | 0.351 |
| 6/17/2025 2:00 | 1.581 | 1.652 | 1.671 | 3.242 | 0.474 | 3.286 | 58.82 | 61.74 | 59.34 | 62.08 | 60.55 | 59.32 | 14.531 | 0.351 |
| 6/17/2025 2:10 | 1.910 | 1.709 | 1.667 | 3.238 | 0.740 | 3.281 | 58.13 | 61.57 | 59.34 | 62.08 | 59.57 | 59.32 | 23.106 | 0.352 |
| 6/17/2025 2:20 | 2.198 | 1.962 | 1.934 | 3.250 | 1.077 | 3.288 | 57.96 | 61.57 | 59.34 | 62.08 | 58.69 | 59.32 | 25.907 | 0.352 |
| 6/17/2025 2:30 | 2.647 | 2.353 | 2.324 | 3.238 | 1.442 | 3.289 | 57.61 | 61.40 | 59.16 | 61.91 | 58.27 | 59.32 | 26.945 | 0.352 |
| 6/17/2025 2:40 | 2.936 | 2.767 | 2.739 | 3.238 | 1.816 | 3.286 | 56.92 | 61.40 | 59.16 | 61.91 | 57.88 | 59.31 | 27.793 | 0.352 |
| 6/17/2025 2:50 | 3.244 | 3.099 | 3.066 | 3.238 | 2.123 | 3.286 | 56.75 | 60.37 | 59.34 | 61.91 | 58.22 | 59.31 | 28.706 | 0.352 |
| 6/17/2025 3:00 | 3.452 | 3.406 | 3.360 | 3.261 | 2.403 | 3.289 | 56.58 | 59.34 | 59.68 | 61.91 | 57.14 | 59.31 | 29.468 | 0.352 |
| 6/17/2025 3:10 | 3.749 | 3.628 | 3.564 | 3.382 | 2.588 | 3.282 | 56.58 | 58.82 | 59.51 | 61.91 | 56.77 | 59.31 | 29.961 | 0.352 |
| 6/17/2025 3:20 | 3.820 | 3.747 | 3.718 | 3.538 | 2.739 | 3.293 | 56.40 | 58.65 | 58.82 | 61.91 | 56.54 | 59.31 | 30.444 | 0.352 |
| 6/17/2025 3:30 | 3.994 | 3.861 | 3.858 | 3.646 | 2.886 | 3.291 | 56.40 | 57.96 | 58.13 | 61.91 | 56.58 | 59.31 | 30.674 | 0.352 |
| 6/17/2025 3:40 | 4.069 | 3.964 | 3.954 | 3.736 | 3.003 | 3.288 | 56.23 | 57.61 | 57.61 | 61.91 | 56.56 | 59.31 | 30.759 | 0.352 |
| 6/17/2025 3:50 | 4.030 | 4.018 | 4.011 | 3.802 | 3.014 | 3.269 | 56.23 | 57.44 | 57.27 | 61.74 | 56.62 | 59.31 | 30.779 | 0.352 |
| 6/17/2025 4:00 | 4.053 | 4.048 | 4.037 | 3.873 | 3.054 | 3.292 | 56.23 | 57.27 | 57.10 | 61.23 | 56.75 | 59.31 | 30.862 | 0.352 |
| 6/17/2025 4:10 | 4.053 | 4.048 | 4.041 | 3.919 | 3.065 | 3.282 | 56.23 | 57.27 | 57.10 | 61.05 | 56.87 | 59.31 | 30.805 | 0.352 |
| 6/17/2025 4:20 | 3.982 | 4.029 | 4.037 | 3.946 | 3.041 | 3.286 | 56.23 | 57.10 | 56.92 | 60.88 | 56.93 | 59.30 | 30.820 | 0.352 |
| 6/17/2025 4:30 | 3.935 | 3.975 | 3.975 | 3.965 | 2.986 | 3.289 | 56.23 | 57.10 | 56.92 | 60.71 | 56.94 | 59.30 | 30.848 | 0.352 |
| 6/17/2025 4:40 | 3.848 | 3.914 | 3.932 | 3.960 | 2.903 | 3.289 | 56.23 | 57.27 | 56.92 | 60.54 | 56.96 | 59.30 | 30.873 | 0.352 |
| 6/17/2025 4:50 | 3.699 | 3.804 | 3.822 | 3.925 | 2.777 | 3.278 | 56.23 | 57.44 | 57.10 | 60.54 | 56.92 | 59.30 | 30.874 | 0.352 |
| 6/17/2025 5:00 | 3.501 | 3.677 | 3.684 | 3.875 | 2.628 | 3.285 | 56.23 | 57.61 | 57.27 | 60.71 | 56.83 | 59.30 | 30.847 | 0.352 |
| 6/17/2025 5:10 | 3.359 | 3.512 | 3.528 | 3.817 | 2.446 | 3.287 | 56.40 | 57.79 | 57.44 | 60.71 | 56.89 | 59.31 | 31.309 | 0.352 |
| 6/17/2025 5:20 | 3.169 | 3.336 | 3.358 | 3.743 | 2.258 | 3.289 | 56.40 | 57.96 | 57.79 | 60.71 | 56.94 | 59.30 | 29.720 | 0.351 |
| 6/17/2025 5:30 | 2.983 | 3.151 | 3.169 | 3.654 | 2.087 | 3.286 | 56.58 | 58.13 | 58.13 | 60.88 | 56.99 | 59.30 | 30.747 | 0.351 |
| 6/17/2025 5:40 | 2.773 | 2.955 | 2.979 | 3.560 | 1.904 | 3.281 | 56.58 | 58.13 | 58.48 | 60.88 | 57.05 | 59.30 | 30.637 | 0.350 |
| 6/17/2025 5:50 | 2.645 | 2.753 | 2.770 | 3.488 | 1.681 | 3.286 | 56.75 | 58.30 | 58.82 | 61.05 | 57.10 | 59.31 | 30.649 | 0.347 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/17/2025 6:00 | 2.391 | 2.560 | 2.586 | 3.428 | 1.508 | 3.279 | 56.92 | 58.48 | 58.82 | 61.05 | 57.17 | 59.31 | 30.633 | 0.345 |
| 6/17/2025 6:10 | 2.212 | 2.378 | 2.417 | 3.399 | 1.314 | 3.283 | 57.10 | 58.65 | 58.99 | 61.05 | 57.25 | 59.33 | 30.726 | 0.341 |
| 6/17/2025 6:20 | 2.032 | 2.207 | 2.239 | 3.357 | 1.140 | 3.275 | 57.27 | 58.65 | 59.16 | 61.05 | 57.38 | 59.34 | 31.404 | 0.340 |
| 6/17/2025 6:30 | 1.880 | 2.070 | 2.116 | 3.347 | 0.996 | 3.280 | 57.27 | 58.82 | 59.16 | 61.05 | 57.55 | 59.34 | 30.700 | 0.338 |
| 6/17/2025 6:40 | 1.739 | 1.968 | 2.008 | 3.341 | 0.873 | 3.288 | 57.27 | 58.82 | 59.16 | 61.05 | 57.70 | 59.34 | 30.516 | 0.336 |
| 6/17/2025 6:50 | 1.633 | 1.892 | 1.936 | 3.341 | 0.768 | 3.294 | 57.44 | 58.99 | 59.34 | 61.05 | 57.83 | 59.33 | 30.359 | 0.335 |
| 6/17/2025 7:00 | 1.520 | 1.829 | 1.875 | 3.331 | 0.672 | 3.284 | 57.44 | 58.99 | 59.34 | 61.23 | 57.93 | 59.33 | 27.590 | 0.334 |
| 6/17/2025 7:10 | 1.422 | 1.790 | 1.831 | 3.323 | 0.585 | 3.280 | 57.44 | 58.99 | 59.34 | 61.23 | 58.01 | 59.33 | 29.831 | 0.334 |
| 6/17/2025 7:20 | 1.329 | 1.761 | 1.822 | 3.317 | 0.517 | 3.281 | 57.44 | 58.99 | 59.34 | 61.05 | 58.10 | 59.33 | 29.590 | 0.334 |
| 6/17/2025 7:30 | 1.244 | 1.748 | 1.816 | 3.314 | 0.475 | 3.277 | 57.61 | 59.16 | 59.51 | 61.05 | 58.17 | 59.32 | 29.308 | 0.334 |
| 6/17/2025 7:40 | 1.171 | 1.730 | 1.811 | 3.308 | 0.434 | 3.275 | 57.61 | 59.16 | 59.51 | 61.05 | 58.24 | 59.32 | 29.010 | 0.334 |
| 6/17/2025 7:50 | 1.106 | 1.724 | 1.799 | 3.302 | 0.400 | 3.275 | 57.79 | 59.16 | 59.68 | 61.05 | 58.31 | 59.32 | 28.800 | 0.334 |
| 6/17/2025 8:00 | 1.030 | 1.715 | 1.793 | 3.304 | 0.377 | 3.270 | 57.96 | 59.16 | 59.68 | 61.05 | 58.36 | 59.32 | 28.589 | 0.334 |
| 6/17/2025 8:10 | 0.987 | 1.707 | 1.783 | 3.308 | 0.372 | 3.272 | 58.13 | 59.16 | 59.85 | 61.05 | 58.43 | 59.32 | 28.178 | 0.334 |
| 6/17/2025 8:20 | 0.928 | 1.703 | 1.768 | 3.292 | 0.350 | 3.262 | 58.30 | 59.34 | 60.02 | 61.05 | 58.50 | 59.33 | 27.679 | 0.334 |
| 6/17/2025 8:30 | 0.882 | 1.700 | 1.777 | 3.296 | 0.362 | 3.276 | 58.48 | 59.34 | 60.20 | 61.05 | 58.59 | 59.33 | 26.871 | 0.334 |
| 6/17/2025 8:40 | 0.829 | 1.694 | 1.753 | 3.283 | 0.339 | 3.256 | 58.65 | 59.34 | 60.37 | 61.05 | 58.67 | 59.33 | 26.198 | 0.334 |
| 6/17/2025 8:50 | 0.792 | 1.704 | 1.753 | 3.296 | 0.351 | 3.277 | 58.65 | 59.34 | 60.54 | 61.05 | 58.75 | 59.33 | 25.199 | 0.334 |
| 6/17/2025 9:00 | 0.752 | 1.698 | 1.752 | 3.287 | 0.338 | 3.272 | 58.82 | 59.34 | 60.71 | 61.05 | 58.83 | 59.33 | 24.487 | 0.334 |
| 6/17/2025 9:10 | 0.714 | 1.689 | 1.743 | 3.285 | 0.345 | 3.275 | 58.99 | 59.51 | 60.88 | 61.05 | 58.91 | 59.34 | 24.168 | 0.334 |
| 6/17/2025 9:20 | 0.674 | 1.683 | 1.735 | 3.279 | 0.341 | 3.265 | 59.16 | 59.51 | 61.05 | 61.05 | 59.01 | 59.34 | 23.700 | 0.334 |
| 6/17/2025 9:30 | 0.649 | 1.673 | 1.730 | 3.281 | 0.336 | 3.265 | 59.34 | 59.51 | 61.40 | 61.05 | 59.09 | 59.35 | 23.110 | 0.334 |
| 6/17/2025 9:40 | 0.617 | 1.684 | 1.727 | 3.284 | 0.334 | 3.283 | 59.51 | 59.51 | 61.57 | 61.05 | 59.18 | 59.35 | 22.545 | 0.334 |
| 6/17/2025 9:50 | 0.586 | 1.680 | 1.727 | 3.279 | 0.337 | 3.278 | 59.68 | 59.68 | 61.57 | 61.05 | 59.26 | 59.35 | 22.135 | 0.333 |
| 6/17/2025 10:00 | 0.552 | 1.670 | 1.713 | 3.273 | 0.333 | 3.268 | 59.68 | 59.68 | 61.74 | 61.05 | 59.37 | 59.36 | 21.049 | 0.333 |
| 6/17/2025 10:10 | 0.540 | 1.673 | 1.721 | 3.280 | 0.337 | 3.274 | 59.85 | 59.68 | 61.91 | 61.05 | 59.43 | 59.37 | 20.707 | 0.333 |
| 6/17/2025 10:20 | 0.508 | 1.665 | 1.714 | 3.267 | 0.322 | 3.273 | 59.85 | 59.68 | 62.08 | 60.88 | 59.51 | 59.37 | 20.314 | 0.333 |
| 6/17/2025 10:30 | 0.495 | 1.664 | 1.710 | 3.270 | 0.324 | 3.269 | 60.02 | 59.85 | 62.25 | 60.88 | 59.59 | 59.37 | 19.775 | 0.333 |
| 6/17/2025 10:40 | 0.466 | 1.662 | 1.709 | 3.272 | 0.326 | 3.271 | 60.20 | 59.85 | 62.43 | 60.88 | 59.66 | 59.38 | 19.519 | 0.333 |
| 6/17/2025 10:50 | 0.449 | 1.661 | 1.707 | 3.270 | 0.328 | 3.269 | 60.37 | 60.02 | 62.43 | 60.88 | 59.75 | 59.38 | 19.257 | 0.333 |
| 6/17/2025 11:00 | 0.432 | 1.658 | 1.709 | 3.267 | 0.320 | 3.273 | 60.54 | 60.02 | 62.60 | 60.88 | 59.83 | 59.39 | 19.312 | 0.333 |
| 6/17/2025 11:10 | 0.421 | 1.659 | 1.699 | 3.272 | 0.319 | 3.277 | 60.71 | 60.02 | 62.77 | 60.88 | 59.93 | 59.39 | 19.101 | 0.333 |
| 6/17/2025 11:20 | 0.398 | 1.651 | 1.696 | 3.263 | 0.327 | 3.271 | 60.88 | 60.20 | 62.94 | 60.88 | 60.05 | 59.41 | 18.935 | 0.335 |
| 6/17/2025 11:30 | 0.394 | 1.655 | 1.704 | 3.267 | 0.335 | 3.278 | 61.05 | 60.20 | 63.11 | 60.88 | 60.18 | 59.41 | 18.494 | 0.336 |
| 6/17/2025 11:40 | 0.376 | 1.648 | 1.693 | 3.268 | 0.322 | 3.276 | 61.40 | 60.37 | 63.11 | 60.88 | 60.32 | 59.42 | 18.159 | 0.337 |
| 6/17/2025 11:50 | 0.356 | 1.639 | 1.688 | 3.258 | 0.311 | 3.265 | 61.57 | 60.37 | 63.28 | 60.88 | 60.46 | 59.42 | 17.857 | 0.337 |
| 6/17/2025 12:00 | 0.352 | 1.646 | 1.685 | 3.265 | 0.325 | 3.275 | 61.74 | 60.54 | 63.46 | 60.88 | 60.57 | 59.43 | 17.665 | 0.337 |
| 6/17/2025 12:10 | 0.347 | 1.645 | 1.695 | 3.264 | 0.322 | 3.277 | 61.91 | 60.54 | 63.63 | 60.88 | 60.73 | 59.44 | 16.987 | 0.338 |
| 6/17/2025 12:20 | 0.340 | 1.645 | 1.688 | 3.263 | 0.322 | 3.274 | 62.08 | 60.54 | 63.63 | 60.88 | 60.85 | 59.45 | 16.676 | 0.338 |
| 6/17/2025 12:30 | 0.331 | 1.648 | 1.692 | 3.271 | 0.323 | 3.283 | 62.08 | 60.71 | 63.80 | 60.88 | 60.91 | 59.45 | 16.763 | 0.338 |
| 6/17/2025 12:40 | 0.321 | 1.646 | 1.690 | 3.268 | 0.328 | 3.274 | 62.25 | 60.71 | 63.80 | 60.88 | 61.01 | 59.46 | 16.832 | 0.338 |
| 6/17/2025 12:50 | 0.316 | 1.645 | 1.681 | 3.270 | 0.319 | 3.273 | 62.43 | 60.88 | 63.80 | 60.88 | 61.10 | 59.46 | 16.867 | 0.338 |
| 6/17/2025 13:00 | 0.301 | 1.629 | 1.674 | 3.255 | 0.313 | 3.266 | 62.60 | 60.88 | 63.97 | 60.88 | 61.18 | 59.47 | 16.938 | 0.338 |
| 6/17/2025 13:10 | 0.302 | 1.643 | 1.684 | 3.261 | 0.316 | 3.269 | 62.60 | 61.05 | 64.14 | 61.05 | 61.26 | 59.47 | 16.982 | 0.338 |
| 6/17/2025 13:20 | 0.296 | 1.628 | 1.678 | 3.257 | 0.311 | 3.272 | 62.94 | 61.05 | 64.31 | 61.05 | 61.37 | 59.48 | 16.935 | 0.337 |
| 6/17/2025 13:30 | 0.297 | 1.632 | 1.675 | 3.261 | 0.306 | 3.273 | 63.11 | 61.23 | 64.48 | 61.05 | 61.49 | 59.49 | 16.870 | 0.337 |
| 6/17/2025 13:40 | 0.302 | 1.637 | 1.684 | 3.262 | 0.316 | 3.277 | 63.28 | 61.23 | 64.65 | 61.05 | 61.61 | 59.49 | 16.805 | 0.337 |
| 6/17/2025 13:50 | 0.301 | 1.644 | 1.683 | 3.268 | 0.324 | 3.287 | 63.28 | 61.40 | 64.65 | 61.05 | 61.75 | 59.51 | 16.709 | 0.337 |
| 6/17/2025 14:00 | 0.325 | 1.637 | 1.684 | 3.261 | 0.313 | 3.275 | 63.28 | 61.40 | 64.65 | 61.05 | 61.89 | 59.52 | 16.590 | 0.337 |
| 6/17/2025 14:10 | 0.488 | 1.646 | 1.685 | 3.266 | 0.320 | 3.279 | 63.28 | 61.57 | 64.65 | 61.05 | 62.03 | 59.52 | 16.386 | 0.336 |
| 6/17/2025 14:20 | 0.624 | 1.640 | 1.683 | 3.264 | 0.319 | 3.283 | 63.28 | 61.57 | 64.65 | 61.05 | 62.15 | 59.53 | 16.089 | 0.336 |
| 6/17/2025 14:30 | 0.800 | 1.643 | 1.690 | 3.271 | 0.323 | 3.287 | 63.28 | 61.74 | 64.83 | 61.05 | 62.24 | 59.53 | 15.794 | 0.336 |
| 6/17/2025 14:40 | 0.969 | 1.638 | 1.685 | 3.266 | 0.327 | 3.276 | 63.46 | 61.74 | 64.83 | 61.05 | 62.31 | 59.54 | 15.579 | 0.336 |
| 6/17/2025 14:50 | 1.183 | 1.643 | 1.686 | 3.263 | 0.339 | 3.279 | 63.46 | 61.74 | 64.83 | 61.05 | 62.39 | 59.54 | 15.157 | 0.336 |
| 6/17/2025 15:00 | 1.413 | 1.634 | 1.674 | 3.254 | 0.406 | 3.277 | 64.14 | 61.91 | 64.83 | 61.23 | 62.43 | 59.54 | 14.965 | 0.336 |
| 6/17/2025 15:10 | 1.737 | 1.643 | 1.683 | 3.259 | 0.611 | 3.277 | 62.94 | 61.91 | 64.83 | 61.23 | 63.30 | 59.55 | 17.296 | 0.335 |
| 6/17/2025 15:20 | 1.968 | 1.762 | 1.689 | 3.263 | 0.871 | 3.285 | 62.43 | 62.08 | 64.83 | 61.23 | 63.73 | 59.55 | 22.904 | 0.335 |
| 6/17/2025 15:30 | 2.275 | 2.055 | 2.067 | 3.268 | 1.153 | 3.289 | 62.08 | 62.08 | 64.83 | 61.23 | 63.07 | 59.56 | 24.843 | 0.335 |
| 6/17/2025 15:40 | 2.557 | 2.236 | 2.254 | 3.261 | 1.257 | 3.283 | 61.23 | 62.25 | 64.83 | 61.23 | 62.42 | 59.56 | 25.735 | 0.335 |
| 6/17/2025 15:50 | 2.802 | 2.349 | 2.373 | 3.263 | 1.390 | 3.289 | 60.71 | 62.25 | 64.83 | 61.23 | 61.81 | 59.56 | 26.951 | 0.335 |
| 6/17/2025 16:00 | 3.003 | 2.481 | 2.491 | 3.268 | 1.516 | 3.287 | 60.54 | 62.43 | 64.83 | 61.23 | 61.41 | 59.56 | 27.672 | 0.335 |
| 6/17/2025 16:10 | 3.119 | 2.587 | 2.606 | 3.254 | 1.621 | 3.275 | 60.37 | 62.60 | 64.83 | 61.40 | 61.11 | 59.57 | 28.009 | 0.335 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/17/2025 16:20 | 3.302 | 2.712 | 2.723 | 3.257 | 1.751 | 3.282 | 60.20 | 62.77 | 65.00 | 61.40 | 60.91 | 59.58 | 28.260 | 0.336 |
| 6/17/2025 16:30 | 3.341 | 2.816 | 2.836 | 3.257 | 1.850 | 3.284 | 60.02 | 62.77 | 65.00 | 61.40 | 60.71 | 59.58 | 28.438 | 0.336 |
| 6/17/2025 16:40 | 3.438 | 2.903 | 2.923 | 3.255 | 1.935 | 3.278 | 59.85 | 62.77 | 65.00 | 61.40 | 60.50 | 59.58 | 28.605 | 0.336 |
| 6/17/2025 16:50 | 3.405 | 2.983 | 2.995 | 3.251 | 2.018 | 3.282 | 59.68 | 62.77 | 65.00 | 61.40 | 60.29 | 59.58 | 28.896 | 0.336 |
| 6/17/2025 17:00 | 3.337 | 3.063 | 3.074 | 3.254 | 2.088 | 3.281 | 59.68 | 62.77 | 64.83 | 61.40 | 60.14 | 59.58 | 29.098 | 0.338 |
| 6/17/2025 17:10 | 3.275 | 3.118 | 3.131 | 3.252 | 2.147 | 3.285 | 59.68 | 62.60 | 64.83 | 61.40 | 60.05 | 59.58 | 29.262 | 0.341 |
| 6/17/2025 17:20 | 3.176 | 3.160 | 3.175 | 3.261 | 2.180 | 3.287 | 59.51 | 62.43 | 64.65 | 61.57 | 59.96 | 59.59 | 29.372 | 0.342 |
| 6/17/2025 17:30 | 3.213 | 3.188 | 3.205 | 3.266 | 2.210 | 3.282 | 59.51 | 62.43 | 64.48 | 61.57 | 59.89 | 59.59 | 29.477 | 0.343 |
| 6/17/2025 17:40 | 3.001 | 3.117 | 3.126 | 3.276 | 2.131 | 3.272 | 59.51 | 62.25 | 64.48 | 61.57 | 59.85 | 59.59 | 29.555 | 0.344 |
| 6/17/2025 17:50 | 2.842 | 2.965 | 2.978 | 3.278 | 1.970 | 3.287 | 59.51 | 62.25 | 64.31 | 61.57 | 59.81 | 59.60 | 29.520 | 0.344 |
| 6/17/2025 18:00 | 2.674 | 2.806 | 2.822 | 3.272 | 1.790 | 3.279 | 59.51 | 62.25 | 64.31 | 61.57 | 59.78 | 59.60 | 29.512 | 0.344 |
| 6/17/2025 18:10 | 2.524 | 2.656 | 2.676 | 3.264 | 1.641 | 3.286 | 59.51 | 62.25 | 64.31 | 61.57 | 59.79 | 59.60 | 29.638 | 0.345 |
| 6/17/2025 18:20 | 2.356 | 2.489 | 2.524 | 3.256 | 1.493 | 3.276 | 59.51 | 62.25 | 64.14 | 61.74 | 59.82 | 59.60 | 29.590 | 0.345 |
| 6/17/2025 18:30 | 2.203 | 2.348 | 2.377 | 3.260 | 1.342 | 3.277 | 59.51 | 62.25 | 63.97 | 61.74 | 59.85 | 59.60 | 29.656 | 0.345 |
| 6/17/2025 18:40 | 2.049 | 2.203 | 2.241 | 3.268 | 1.188 | 3.286 | 59.68 | 62.25 | 63.46 | 61.74 | 59.90 | 59.60 | 29.667 | 0.345 |
| 6/17/2025 18:50 | 1.903 | 2.068 | 2.104 | 3.268 | 1.048 | 3.284 | 59.68 | 62.25 | 62.94 | 61.74 | 59.96 | 59.60 | 29.660 | 0.345 |
| 6/17/2025 19:00 | 1.758 | 1.940 | 1.990 | 3.257 | 0.910 | 3.277 | 59.51 | 62.25 | 62.60 | 61.74 | 60.04 | 59.60 | 29.661 | 0.345 |
| 6/17/2025 19:10 | 1.631 | 1.843 | 1.889 | 3.257 | 0.792 | 3.280 | 59.51 | 62.25 | 62.25 | 61.74 | 60.13 | 59.60 | 29.674 | 0.345 |
| 6/17/2025 19:20 | 1.529 | 1.782 | 1.842 | 3.265 | 0.692 | 3.281 | 59.68 | 62.25 | 62.08 | 61.74 | 60.23 | 59.60 | 29.662 | 0.345 |
| 6/17/2025 19:30 | 1.432 | 1.733 | 1.835 | 3.259 | 0.593 | 3.288 | 59.85 | 62.25 | 62.08 | 61.91 | 60.33 | 59.60 | 29.661 | 0.345 |
| 6/17/2025 19:40 | 1.337 | 1.702 | 1.820 | 3.266 | 0.528 | 3.291 | 59.85 | 62.25 | 61.91 | 61.91 | 60.42 | 59.60 | 29.648 | 0.346 |
| 6/17/2025 19:50 | 1.255 | 1.680 | 1.794 | 3.263 | 0.467 | 3.295 | 59.85 | 62.25 | 61.74 | 61.91 | 60.51 | 59.60 | 29.640 | 0.346 |
| 6/17/2025 20:00 | 1.185 | 1.680 | 1.783 | 3.271 | 0.431 | 3.299 | 60.02 | 62.25 | 61.57 | 61.91 | 60.60 | 59.60 | 29.592 | 0.346 |
| 6/17/2025 20:10 | 1.115 | 1.666 | 1.758 | 3.261 | 0.398 | 3.286 | 60.02 | 62.25 | 61.40 | 61.91 | 60.66 | 59.60 | 29.532 | 0.346 |
| 6/17/2025 20:20 | 1.048 | 1.658 | 1.751 | 3.261 | 0.373 | 3.290 | 60.02 | 62.08 | 61.40 | 61.91 | 60.70 | 59.59 | 29.502 | 0.346 |
| 6/17/2025 20:30 | 0.994 | 1.662 | 1.736 | 3.269 | 0.359 | 3.293 | 60.20 | 62.08 | 61.23 | 61.91 | 60.72 | 59.59 | 29.442 | 0.346 |
| 6/17/2025 20:40 | 0.934 | 1.655 | 1.729 | 3.265 | 0.351 | 3.293 | 60.20 | 62.08 | 61.23 | 61.91 | 60.73 | 59.59 | 29.357 | 0.346 |
| 6/17/2025 20:50 | 0.884 | 1.662 | 1.721 | 3.265 | 0.346 | 3.288 | 60.37 | 62.08 | 61.05 | 61.91 | 60.72 | 59.59 | 29.233 | 0.346 |
| 6/17/2025 21:00 | 0.838 | 1.651 | 1.711 | 3.250 | 0.336 | 3.278 | 60.37 | 61.91 | 61.05 | 61.91 | 60.72 | 59.58 | 29.185 | 0.347 |
| 6/17/2025 21:10 | 0.795 | 1.652 | 1.707 | 3.259 | 0.337 | 3.297 | 60.37 | 61.91 | 60.88 | 61.91 | 60.70 | 59.58 | 29.032 | 0.347 |
| 6/17/2025 21:20 | 0.751 | 1.648 | 1.703 | 3.259 | 0.333 | 3.285 | 60.37 | 61.91 | 60.88 | 61.91 | 60.68 | 59.58 | 28.900 | 0.347 |
| 6/17/2025 21:30 | 0.712 | 1.652 | 1.695 | 3.255 | 0.324 | 3.281 | 60.37 | 61.91 | 60.71 | 61.91 | 60.65 | 59.58 | 28.711 | 0.347 |
| 6/17/2025 21:40 | 0.680 | 1.659 | 1.699 | 3.256 | 0.328 | 3.285 | 60.37 | 61.74 | 60.71 | 62.08 | 60.63 | 59.58 | 28.540 | 0.347 |
| 6/17/2025 21:50 | 0.641 | 1.659 | 1.695 | 3.255 | 0.325 | 3.291 | 60.37 | 61.74 | 60.54 | 61.91 | 60.59 | 59.57 | 27.963 | 0.347 |
| 6/17/2025 22:00 | 0.617 | 1.659 | 1.706 | 3.267 | 0.338 | 3.301 | 60.37 | 61.74 | 60.54 | 62.08 | 60.56 | 59.57 | 26.629 | 0.347 |
| 6/17/2025 22:10 | 0.586 | 1.652 | 1.691 | 3.260 | 0.323 | 3.312 | 60.37 | 61.74 | 60.54 | 62.08 | 60.52 | 59.57 | 27.371 | 0.347 |
| 6/17/2025 22:20 | 0.551 | 1.655 | 1.691 | 3.256 | 0.320 | 3.310 | 60.37 | 61.57 | 60.37 | 62.08 | 60.48 | 59.57 | 27.575 | 0.347 |
| 6/17/2025 22:30 | 0.534 | 1.659 | 1.699 | 3.260 | 0.331 | 3.315 | 60.20 | 61.57 | 60.37 | 62.08 | 60.45 | 59.57 | 27.148 | 0.347 |
| 6/17/2025 22:40 | 0.515 | 1.667 | 1.692 | 3.272 | 0.338 | 3.307 | 60.20 | 61.57 | 60.37 | 62.08 | 60.41 | 59.57 | 26.661 | 0.347 |
| 6/17/2025 22:50 | 0.491 | 1.663 | 1.702 | 3.260 | 0.329 | 3.313 | 60.20 | 61.40 | 60.20 | 62.08 | 60.38 | 59.57 | 26.067 | 0.346 |
| 6/17/2025 23:00 | 0.479 | 1.666 | 1.702 | 3.272 | 0.339 | 3.320 | 60.20 | 61.40 | 60.20 | 62.08 | 60.34 | 59.56 | 25.681 | 0.346 |
| 6/17/2025 23:10 | 0.458 | 1.663 | 1.706 | 3.268 | 0.327 | 3.311 | 60.02 | 61.40 | 60.20 | 62.08 | 60.30 | 59.56 | 25.239 | 0.346 |
| 6/17/2025 23:20 | 0.435 | 1.659 | 1.702 | 3.264 | 0.324 | 3.299 | 60.02 | 61.40 | 60.20 | 62.08 | 60.26 | 59.57 | 24.583 | 0.346 |
| 6/17/2025 23:30 | 0.422 | 1.670 | 1.702 | 3.272 | 0.334 | 3.301 | 60.02 | 61.23 | 60.02 | 62.08 | 60.21 | 59.56 | 24.834 | 0.346 |
| 6/17/2025 23:40 | 0.419 | 1.670 | 1.709 | 3.276 | 0.338 | 3.308 | 60.02 | 61.23 | 60.02 | 62.08 | 60.17 | 59.56 | 24.439 | 0.346 |
| 6/17/2025 23:50 | 0.388 | 1.663 | 1.706 | 3.264 | 0.335 | 3.302 | 60.02 | 61.23 | 60.02 | 61.91 | 60.12 | 59.57 | 24.199 | 0.346 |
| 6/18/2025 0:00 | 0.386 | 1.666 | 1.709 | 3.263 | 0.333 | 3.288 | 59.85 | 61.23 | 60.02 | 61.91 | 60.09 | 59.58 | 24.038 | 0.346 |
| 6/18/2025 0:10 | 0.374 | 1.669 | 1.716 | 3.266 | 0.330 | 3.295 | 59.85 | 61.23 | 60.02 | 61.91 | 60.05 | 59.58 | 23.574 | 0.346 |
| 6/18/2025 0:20 | 0.366 | 1.673 | 1.705 | 3.262 | 0.330 | 3.295 | 59.85 | 61.05 | 60.02 | 61.91 | 60.02 | 59.58 | 23.221 | 0.346 |
| 6/18/2025 0:30 | 0.357 | 1.668 | 1.701 | 3.273 | 0.336 | 3.289 | 59.85 | 61.05 | 60.02 | 61.91 | 59.98 | 59.59 | 23.016 | 0.346 |
| 6/18/2025 0:40 | 0.342 | 1.668 | 1.701 | 3.262 | 0.330 | 3.295 | 59.85 | 61.05 | 59.85 | 61.91 | 59.95 | 59.60 | 22.686 | 0.347 |
| 6/18/2025 0:50 | 0.340 | 1.668 | 1.700 | 3.265 | 0.325 | 3.287 | 59.68 | 61.05 | 59.85 | 61.91 | 59.91 | 59.60 | 22.542 | 0.346 |
| 6/18/2025 1:00 | 0.336 | 1.667 | 1.704 | 3.276 | 0.328 | 3.290 | 59.68 | 60.88 | 59.85 | 61.91 | 59.87 | 59.62 | 22.405 | 0.347 |
| 6/18/2025 1:10 | 0.339 | 1.678 | 1.719 | 3.280 | 0.339 | 3.292 | 59.68 | 60.88 | 59.85 | 61.91 | 59.83 | 59.62 | 22.101 | 0.346 |
| 6/18/2025 1:20 | 0.324 | 1.675 | 1.708 | 3.272 | 0.335 | 3.285 | 59.68 | 60.88 | 59.85 | 61.91 | 59.80 | 59.63 | 21.785 | 0.347 |
| 6/18/2025 1:30 | 0.319 | 1.671 | 1.704 | 3.276 | 0.335 | 3.279 | 59.51 | 60.88 | 59.85 | 61.91 | 59.76 | 59.63 | 21.641 | 0.349 |
| 6/18/2025 1:40 | 0.323 | 1.678 | 1.719 | 3.272 | 0.329 | 3.295 | 59.51 | 60.88 | 59.85 | 61.91 | 59.73 | 59.65 | 21.670 | 0.350 |
| 6/18/2025 1:50 | 0.346 | 1.678 | 1.719 | 3.276 | 0.334 | 3.288 | 59.51 | 60.71 | 59.85 | 61.91 | 59.70 | 59.66 | 21.487 | 0.350 |
| 6/18/2025 2:00 | 0.457 | 1.671 | 1.715 | 3.265 | 0.327 | 3.289 | 59.51 | 60.71 | 59.85 | 61.91 | 59.67 | 59.66 | 21.356 | 0.351 |
| 6/18/2025 2:10 | 0.584 | 1.675 | 1.709 | 3.269 | 0.330 | 3.287 | 59.51 | 60.71 | 59.85 | 61.91 | 59.64 | 59.67 | 21.296 | 0.351 |
| 6/18/2025 2:20 | 0.741 | 1.679 | 1.716 | 3.269 | 0.332 | 3.283 | 59.51 | 60.71 | 59.85 | 61.91 | 59.61 | 59.68 | 20.986 | 0.351 |
| 6/18/2025 2:30 | 0.935 | 1.675 | 1.716 | 3.265 | 0.331 | 3.282 | 59.51 | 60.71 | 59.85 | 61.91 | 59.59 | 59.68 | 20.717 | 0.351 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/18/2025 2:40 | 1.163 | 1.678 | 1.709 | 3.276 | 0.344 | 3.287 | 59.51 | 60.54 | 59.85 | 61.74 | 59.56 | 59.69 | 20.082 | 0.351 |
| 6/18/2025 2:50 | 1.443 | 1.674 | 1.713 | 3.268 | 0.407 | 3.293 | 59.51 | 60.54 | 59.85 | 61.74 | 59.53 | 59.69 | 19.577 | 0.351 |
| 6/18/2025 3:00 | 1.757 | 1.686 | 1.723 | 3.279 | 0.618 | 3.303 | 59.16 | 60.54 | 59.68 | 61.74 | 59.52 | 59.70 | 20.430 | 0.351 |
| 6/18/2025 3:10 | 2.034 | 1.766 | 1.719 | 3.268 | 0.793 | 3.321 | 59.16 | 60.54 | 59.68 | 61.74 | 59.42 | 59.70 | 24.901 | 0.351 |
| 6/18/2025 3:20 | 2.401 | 1.920 | 1.938 | 3.276 | 0.957 | 3.354 | 59.16 | 60.54 | 59.68 | 61.74 | 59.29 | 59.71 | 26.265 | 0.351 |
| 6/18/2025 3:30 | 2.827 | 2.096 | 2.110 | 3.272 | 1.132 | 3.354 | 58.99 | 60.54 | 59.68 | 61.74 | 59.19 | 59.72 | 26.760 | 0.351 |
| 6/18/2025 3:40 | 3.063 | 2.271 | 2.285 | 3.279 | 1.306 | 3.350 | 58.82 | 60.37 | 59.68 | 61.74 | 59.10 | 59.73 | 27.085 | 0.351 |
| 6/18/2025 3:50 | 3.283 | 2.451 | 2.460 | 3.287 | 1.479 | 3.345 | 58.65 | 60.37 | 59.68 | 61.74 | 59.01 | 59.73 | 27.543 | 0.351 |
| 6/18/2025 4:00 | 3.548 | 2.608 | 2.614 | 3.279 | 1.630 | 3.321 | 58.65 | 60.37 | 59.68 | 61.74 | 58.88 | 59.73 | 27.985 | 0.350 |
| 6/18/2025 4:10 | 3.768 | 2.765 | 2.763 | 3.286 | 1.781 | 3.326 | 58.48 | 60.20 | 59.68 | 61.74 | 58.77 | 59.73 | 28.347 | 0.350 |
| 6/18/2025 4:20 | 3.840 | 2.896 | 2.895 | 3.279 | 1.900 | 3.310 | 58.48 | 60.20 | 59.68 | 61.74 | 58.71 | 59.73 | 28.733 | 0.350 |
| 6/18/2025 4:30 | 3.914 | 3.010 | 3.015 | 3.283 | 2.027 | 3.310 | 58.48 | 60.02 | 59.68 | 61.74 | 58.66 | 59.73 | 29.073 | 0.350 |
| 6/18/2025 4:40 | 3.977 | 3.125 | 3.121 | 3.286 | 2.137 | 3.314 | 58.48 | 60.02 | 59.68 | 61.74 | 58.61 | 59.72 | 29.164 | 0.350 |
| 6/18/2025 4:50 | 3.933 | 3.220 | 3.220 | 3.290 | 2.229 | 3.315 | 58.48 | 59.85 | 59.85 | 61.74 | 58.57 | 59.73 | 29.216 | 0.350 |
| 6/18/2025 5:00 | 3.957 | 3.301 | 3.305 | 3.320 | 2.311 | 3.315 | 58.48 | 59.85 | 60.02 | 61.57 | 58.55 | 59.73 | 29.206 | 0.350 |
| 6/18/2025 5:10 | 3.929 | 3.373 | 3.377 | 3.386 | 2.377 | 3.318 | 58.48 | 59.68 | 59.85 | 61.57 | 58.53 | 59.74 | 29.241 | 0.349 |
| 6/18/2025 5:20 | 3.878 | 3.423 | 3.422 | 3.437 | 2.428 | 3.309 | 58.48 | 59.51 | 59.85 | 61.57 | 58.50 | 59.75 | 29.244 | 0.349 |
| 6/18/2025 5:30 | 3.778 | 3.476 | 3.476 | 3.486 | 2.472 | 3.310 | 58.30 | 59.51 | 59.85 | 61.57 | 58.48 | 59.76 | 29.270 | 0.349 |
| 6/18/2025 5:40 | 3.659 | 3.510 | 3.508 | 3.525 | 2.497 | 3.307 | 58.30 | 59.34 | 59.68 | 61.57 | 58.47 | 59.78 | 29.250 | 0.349 |
| 6/18/2025 5:50 | 3.532 | 3.529 | 3.530 | 3.548 | 2.524 | 3.302 | 58.30 | 59.34 | 59.68 | 61.57 | 58.45 | 59.80 | 29.330 | 0.348 |
| 6/18/2025 6:00 | 3.393 | 3.497 | 3.511 | 3.559 | 2.484 | 3.337 | 58.30 | 59.34 | 59.68 | 61.57 | 58.43 | 59.82 | 29.281 | 0.348 |
| 6/18/2025 6:10 | 3.204 | 3.359 | 3.365 | 3.528 | 2.311 | 3.366 | 58.48 | 59.34 | 59.68 | 61.57 | 58.42 | 59.84 | 29.729 | 0.348 |
| 6/18/2025 6:20 | 2.998 | 3.152 | 3.163 | 3.462 | 2.132 | 3.372 | 58.48 | 59.51 | 59.68 | 61.57 | 58.42 | 59.87 | 29.477 | 0.348 |
| 6/18/2025 6:30 | 2.801 | 2.961 | 2.988 | 3.407 | 1.931 | 3.369 | 58.48 | 59.51 | 59.68 | 61.57 | 58.43 | 59.90 | 29.496 | 0.348 |
| 6/18/2025 6:40 | 2.592 | 2.753 | 2.781 | 3.361 | 1.746 | 3.350 | 58.48 | 59.51 | 59.85 | 61.57 | 58.44 | 59.92 | 29.548 | 0.347 |
| 6/18/2025 6:50 | 2.390 | 2.565 | 2.594 | 3.338 | 1.548 | 3.345 | 58.48 | 59.51 | 59.85 | 61.57 | 58.45 | 59.94 | 30.028 | 0.347 |
| 6/18/2025 7:00 | 2.221 | 2.393 | 2.426 | 3.330 | 1.369 | 3.338 | 58.48 | 59.51 | 59.85 | 61.57 | 58.46 | 59.95 | 29.563 | 0.347 |
| 6/18/2025 7:10 | 2.046 | 2.231 | 2.272 | 3.321 | 1.202 | 3.320 | 58.48 | 59.51 | 59.85 | 61.40 | 58.47 | 59.96 | 29.575 | 0.347 |
| 6/18/2025 7:20 | 1.896 | 2.102 | 2.138 | 3.313 | 1.059 | 3.327 | 58.48 | 59.68 | 59.85 | 61.40 | 58.49 | 59.97 | 29.507 | 0.346 |
| 6/18/2025 7:30 | 1.757 | 1.978 | 2.020 | 3.308 | 0.920 | 3.314 | 58.48 | 59.68 | 60.02 | 61.40 | 58.52 | 59.98 | 29.495 | 0.346 |
| 6/18/2025 7:40 | 1.635 | 1.890 | 1.933 | 3.304 | 0.806 | 3.305 | 58.48 | 59.68 | 60.02 | 61.40 | 58.56 | 60.00 | 29.550 | 0.346 |
| 6/18/2025 7:50 | 1.528 | 1.824 | 1.867 | 3.304 | 0.711 | 3.300 | 58.48 | 59.68 | 60.02 | 61.40 | 58.64 | 60.02 | 29.486 | 0.345 |
| 6/18/2025 8:00 | 1.429 | 1.789 | 1.833 | 3.299 | 0.616 | 3.308 | 58.65 | 59.68 | 60.02 | 61.40 | 58.72 | 60.05 | 29.514 | 0.345 |
| 6/18/2025 8:10 | 1.353 | 1.776 | 1.836 | 3.301 | 0.544 | 3.305 | 58.82 | 59.68 | 60.20 | 61.40 | 58.81 | 60.07 | 29.449 | 0.344 |
| 6/18/2025 8:20 | 1.274 | 1.752 | 1.818 | 3.309 | 0.496 | 3.305 | 58.82 | 59.68 | 60.20 | 61.40 | 58.88 | 60.11 | 29.375 | 0.343 |
| 6/18/2025 8:30 | 1.191 | 1.737 | 1.806 | 3.297 | 0.452 | 3.296 | 58.82 | 59.68 | 60.20 | 61.40 | 58.94 | 60.14 | 29.338 | 0.342 |
| 6/18/2025 8:40 | 1.120 | 1.733 | 1.806 | 3.292 | 0.418 | 3.295 | 58.99 | 59.68 | 60.20 | 61.40 | 59.00 | 60.17 | 29.253 | 0.341 |
| 6/18/2025 8:50 | 1.063 | 1.739 | 1.801 | 3.302 | 0.400 | 3.298 | 58.99 | 59.85 | 60.37 | 61.40 | 59.04 | 60.19 | 29.192 | 0.340 |
| 6/18/2025 9:00 | 0.999 | 1.738 | 1.793 | 3.301 | 0.395 | 3.301 | 59.16 | 59.85 | 60.37 | 61.40 | 59.08 | 60.21 | 29.093 | 0.339 |
| 6/18/2025 9:10 | 0.955 | 1.733 | 1.797 | 3.300 | 0.389 | 3.301 | 59.16 | 59.85 | 60.54 | 61.40 | 59.13 | 60.24 | 28.919 | 0.338 |
| 6/18/2025 9:20 | 0.907 | 1.736 | 1.796 | 3.298 | 0.384 | 3.304 | 59.34 | 59.85 | 60.54 | 61.40 | 59.20 | 60.25 | 28.812 | 0.337 |
| 6/18/2025 9:30 | 0.856 | 1.728 | 1.782 | 3.287 | 0.386 | 3.303 | 59.34 | 59.85 | 60.71 | 61.40 | 59.26 | 60.27 | 28.564 | 0.336 |
| 6/18/2025 9:40 | 0.811 | 1.722 | 1.777 | 3.288 | 0.379 | 3.290 | 59.51 | 59.85 | 60.88 | 61.23 | 59.33 | 60.28 | 28.336 | 0.335 |
| 6/18/2025 9:50 | 0.771 | 1.717 | 1.776 | 3.283 | 0.379 | 3.283 | 59.68 | 59.85 | 60.88 | 61.23 | 59.40 | 60.29 | 28.147 | 0.335 |
| 6/18/2025 10:00 | 0.731 | 1.728 | 1.769 | 3.290 | 0.379 | 3.292 | 59.68 | 59.85 | 61.05 | 61.23 | 59.47 | 60.31 | 27.975 | 0.334 |
| 6/18/2025 10:10 | 0.700 | 1.725 | 1.770 | 3.294 | 0.381 | 3.282 | 59.85 | 60.02 | 61.23 | 61.23 | 59.55 | 60.32 | 27.563 | 0.333 |
| 6/18/2025 10:20 | 0.676 | 1.717 | 1.771 | 3.290 | 0.375 | 3.287 | 59.85 | 60.02 | 61.40 | 61.23 | 59.63 | 60.32 | 27.334 | 0.330 |
| 6/18/2025 10:30 | 0.641 | 1.717 | 1.763 | 3.290 | 0.371 | 3.277 | 60.02 | 60.02 | 61.40 | 61.23 | 59.71 | 60.33 | 26.870 | 0.329 |
| 6/18/2025 10:40 | 0.606 | 1.714 | 1.760 | 3.287 | 0.367 | 3.282 | 60.02 | 60.02 | 61.57 | 61.23 | 59.76 | 60.33 | 26.608 | 0.328 |
| 6/18/2025 10:50 | 0.581 | 1.712 | 1.756 | 3.289 | 0.364 | 3.275 | 60.02 | 60.02 | 61.74 | 61.23 | 59.82 | 60.34 | 26.650 | 0.325 |
| 6/18/2025 11:00 | 0.564 | 1.710 | 1.758 | 3.283 | 0.367 | 3.278 | 60.20 | 60.02 | 61.74 | 61.23 | 59.87 | 60.34 | 26.521 | 0.323 |
| 6/18/2025 11:10 | 0.535 | 1.717 | 1.761 | 3.289 | 0.366 | 3.286 | 60.20 | 60.20 | 61.91 | 61.23 | 59.92 | 60.35 | 26.104 | 0.321 |
| 6/18/2025 11:20 | 0.507 | 1.701 | 1.746 | 3.282 | 0.355 | 3.272 | 60.20 | 60.20 | 62.08 | 61.23 | 59.98 | 60.36 | 25.918 | 0.319 |
| 6/18/2025 11:30 | 0.497 | 1.705 | 1.759 | 3.286 | 0.357 | 3.273 | 60.37 | 60.20 | 62.25 | 61.23 | 60.04 | 60.38 | 25.777 | 0.316 |
| 6/18/2025 11:40 | 0.479 | 1.704 | 1.750 | 3.285 | 0.358 | 3.280 | 60.37 | 60.20 | 62.25 | 61.23 | 60.12 | 60.39 | 25.389 | 0.313 |
| 6/18/2025 11:50 | 0.463 | 1.705 | 1.755 | 3.281 | 0.360 | 3.285 | 60.37 | 60.37 | 62.43 | 61.23 | 60.21 | 60.39 | 25.011 | 0.310 |
| 6/18/2025 12:00 | 0.449 | 1.698 | 1.746 | 3.274 | 0.350 | 3.277 | 60.54 | 60.37 | 62.43 | 61.23 | 60.30 | 60.40 | 24.675 | 0.306 |
| 6/18/2025 12:10 | 0.441 | 1.702 | 1.749 | 3.278 | 0.356 | 3.286 | 60.54 | 60.37 | 62.60 | 61.23 | 60.36 | 60.40 | 24.140 | 0.303 |
| 6/18/2025 12:20 | 0.423 | 1.704 | 1.755 | 3.276 | 0.355 | 3.279 | 60.54 | 60.54 | 62.60 | 61.23 | 60.42 | 60.40 | 23.447 | 0.300 |
| 6/18/2025 12:30 | 0.407 | 1.700 | 1.740 | 3.279 | 0.357 | 3.278 | 60.71 | 60.54 | 62.60 | 61.23 | 60.48 | 60.40 | 22.588 | 0.297 |
| 6/18/2025 12:40 | 0.400 | 1.704 | 1.744 | 3.283 | 0.354 | 3.277 | 60.71 | 60.54 | 62.77 | 61.23 | 60.53 | 60.40 | 23.036 | 0.296 |
| 6/18/2025 12:50 | 0.389 | 1.696 | 1.737 | 3.279 | 0.350 | 3.276 | 60.88 | 60.54 | 62.77 | 61.23 | 60.57 | 60.39 | 23.286 | 0.295 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/18/2025 13:00 | 0.373 | 1.692 | 1.734 | 3.279 | 0.340 | 3.268 | 60.88 | 60.71 | 62.94 | 61.23 | 60.63 | 60.39 | 25.734 | 0.296 |
| 6/18/2025 13:10 | 0.375 | 1.694 | 1.735 | 3.276 | 0.342 | 3.270 | 61.05 | 60.71 | 62.94 | 61.23 | 60.69 | 60.38 | 23.339 | 0.296 |
| 6/18/2025 13:20 | 0.364 | 1.694 | 1.739 | 3.281 | 0.346 | 3.277 | 61.23 | 60.71 | 62.94 | 61.23 | 60.75 | 60.39 | 26.196 | 0.296 |
| 6/18/2025 13:30 | 0.353 | 1.692 | 1.733 | 3.270 | 0.344 | 3.275 | 61.23 | 60.88 | 62.94 | 61.23 | 60.82 | 60.39 | 23.392 | 0.296 |
| 6/18/2025 13:40 | 0.353 | 1.691 | 1.737 | 3.273 | 0.352 | 3.285 | 61.40 | 60.88 | 62.94 | 61.23 | 60.90 | 60.38 | 23.718 | 0.296 |
| 6/18/2025 13:50 | 0.344 | 1.690 | 1.725 | 3.280 | 0.349 | 3.284 | 61.57 | 60.88 | 63.11 | 61.23 | 60.95 | 60.38 | 19.736 | 0.296 |
| 6/18/2025 14:00 | 0.343 | 1.696 | 1.734 | 3.281 | 0.352 | 3.278 | 61.74 | 60.88 | 63.11 | 61.23 | 61.02 | 60.38 | 19.706 | 0.296 |
| 6/18/2025 14:10 | 0.334 | 1.691 | 1.734 | 3.276 | 0.343 | 3.284 | 61.91 | 61.05 | 63.28 | 61.23 | 61.11 | 60.38 | 21.928 | 0.296 |
| 6/18/2025 14:20 | 0.328 | 1.688 | 1.731 | 3.269 | 0.340 | 3.281 | 62.08 | 61.05 | 63.28 | 61.23 | 61.19 | 60.38 | 20.576 | 0.296 |
| 6/18/2025 14:30 | 0.317 | 1.684 | 1.728 | 3.273 | 0.339 | 3.273 | 62.25 | 61.05 | 63.46 | 61.23 | 61.28 | 60.38 | 21.171 | 0.295 |
| 6/18/2025 14:40 | 0.374 | 1.683 | 1.730 | 3.275 | 0.341 | 3.272 | 62.25 | 61.23 | 63.46 | 61.23 | 61.34 | 60.38 | 20.519 | 0.295 |
| 6/18/2025 14:50 | 0.514 | 1.681 | 1.725 | 3.274 | 0.341 | 3.283 | 62.25 | 61.23 | 63.46 | 61.23 | 61.46 | 60.37 | 20.691 | 0.295 |
| 6/18/2025 15:00 | 0.660 | 1.682 | 1.730 | 3.278 | 0.342 | 3.275 | 62.08 | 61.23 | 63.63 | 61.23 | 61.54 | 60.37 | 20.899 | 0.296 |
| 6/18/2025 15:10 | 0.863 | 1.683 | 1.732 | 3.272 | 0.342 | 3.280 | 62.08 | 61.23 | 63.63 | 61.23 | 61.64 | 60.37 | 21.171 | 0.296 |
| 6/18/2025 15:20 | 1.075 | 1.678 | 1.723 | 3.270 | 0.331 | 3.277 | 62.25 | 61.40 | 63.80 | 61.23 | 61.71 | 60.37 | 20.206 | 0.296 |
| 6/18/2025 15:30 | 1.340 | 1.675 | 1.724 | 3.271 | 0.364 | 3.279 | 62.43 | 61.40 | 63.80 | 61.40 | 61.78 | 60.36 | 19.825 | 0.296 |
| 6/18/2025 15:40 | 1.601 | 1.683 | 1.722 | 3.275 | 0.542 | 3.278 | 61.57 | 61.40 | 63.97 | 61.40 | 61.79 | 60.36 | 19.696 | 0.296 |
| 6/18/2025 15:50 | 1.933 | 1.778 | 1.733 | 3.282 | 0.826 | 3.293 | 60.02 | 61.40 | 63.97 | 61.40 | 61.67 | 60.36 | 23.790 | 0.296 |
| 6/18/2025 16:00 | 2.239 | 2.041 | 2.039 | 3.285 | 1.117 | 3.291 | 59.85 | 61.57 | 63.97 | 61.40 | 60.91 | 60.36 | 21.940 | 0.297 |
| 6/18/2025 16:10 | 2.565 | 2.370 | 2.384 | 3.275 | 1.363 | 3.284 | 58.99 | 61.57 | 63.97 | 61.40 | 60.11 | 60.36 | 24.056 | 0.297 |
| 6/18/2025 16:20 | 2.880 | 2.475 | 2.474 | 3.277 | 1.487 | 3.278 | 58.30 | 61.57 | 63.97 | 61.40 | 59.61 | 60.36 | 26.879 | 0.297 |
| 6/18/2025 16:30 | 3.185 | 2.584 | 2.600 | 3.271 | 1.609 | 3.274 | 57.96 | 61.74 | 63.97 | 61.40 | 59.30 | 60.36 | 28.642 | 0.297 |
| 6/18/2025 16:40 | 3.407 | 2.709 | 2.718 | 3.277 | 1.729 | 3.278 | 57.79 | 61.74 | 63.97 | 61.40 | 58.73 | 60.36 | 28.879 | 0.297 |
| 6/18/2025 16:50 | 3.613 | 2.832 | 2.847 | 3.281 | 1.850 | 3.276 | 57.79 | 61.74 | 64.14 | 61.40 | 58.65 | 60.36 | 28.999 | 0.297 |
| 6/18/2025 17:00 | 3.824 | 2.937 | 2.944 | 3.278 | 1.951 | 3.280 | 57.79 | 61.74 | 64.14 | 61.40 | 58.63 | 60.37 | 29.153 | 0.297 |
| 6/18/2025 17:10 | 3.855 | 3.040 | 3.038 | 3.278 | 2.052 | 3.287 | 57.61 | 61.57 | 64.14 | 61.40 | 58.54 | 60.37 | 29.376 | 0.297 |
| 6/18/2025 17:20 | 3.908 | 3.138 | 3.127 | 3.280 | 2.144 | 3.279 | 57.61 | 61.57 | 64.14 | 61.40 | 58.42 | 60.37 | 29.575 | 0.298 |
| 6/18/2025 17:30 | 3.882 | 3.219 | 3.209 | 3.282 | 2.220 | 3.283 | 57.61 | 61.23 | 63.97 | 61.40 | 58.30 | 60.37 | 29.525 | 0.298 |
| 6/18/2025 17:40 | 3.838 | 3.294 | 3.287 | 3.312 | 2.285 | 3.285 | 57.79 | 61.05 | 63.63 | 61.40 | 58.26 | 60.36 | 29.671 | 0.300 |
| 6/18/2025 17:50 | 3.830 | 3.354 | 3.346 | 3.366 | 2.349 | 3.286 | 57.79 | 60.54 | 63.11 | 61.40 | 58.22 | 60.36 | 29.765 | 0.300 |
| 6/18/2025 18:00 | 3.790 | 3.414 | 3.396 | 3.421 | 2.404 | 3.286 | 57.79 | 60.02 | 62.77 | 61.57 | 58.20 | 60.36 | 29.894 | 0.301 |
| 6/18/2025 18:10 | 3.634 | 3.457 | 3.440 | 3.462 | 2.445 | 3.299 | 57.79 | 59.68 | 62.43 | 61.57 | 58.17 | 60.36 | 29.988 | 0.301 |
| 6/18/2025 18:20 | 3.549 | 3.481 | 3.466 | 3.491 | 2.457 | 3.282 | 57.79 | 59.51 | 62.25 | 61.57 | 58.14 | 60.36 | 30.054 | 0.302 |
| 6/18/2025 18:30 | 3.419 | 3.493 | 3.481 | 3.503 | 2.471 | 3.282 | 57.79 | 59.34 | 62.08 | 61.57 | 58.11 | 60.36 | 30.071 | 0.302 |
| 6/18/2025 18:40 | 3.210 | 3.409 | 3.422 | 3.496 | 2.381 | 3.281 | 57.79 | 59.34 | 61.74 | 61.57 | 58.10 | 60.36 | 30.177 | 0.303 |
| 6/18/2025 18:50 | 3.104 | 3.237 | 3.243 | 3.449 | 2.193 | 3.275 | 57.79 | 59.34 | 61.74 | 61.57 | 58.03 | 60.35 | 30.249 | 0.303 |
| 6/18/2025 19:00 | 2.871 | 3.057 | 3.062 | 3.394 | 2.030 | 3.292 | 57.96 | 59.68 | 61.57 | 61.57 | 58.04 | 60.35 | 30.277 | 0.304 |
| 6/18/2025 19:10 | 2.693 | 2.864 | 2.883 | 3.347 | 1.841 | 3.287 | 57.96 | 59.68 | 61.57 | 61.57 | 58.07 | 60.34 | 30.307 | 0.304 |
| 6/18/2025 19:20 | 2.508 | 2.678 | 2.691 | 3.321 | 1.644 | 3.291 | 57.96 | 59.85 | 61.74 | 61.57 | 58.11 | 60.34 | 30.304 | 0.305 |
| 6/18/2025 19:30 | 2.317 | 2.488 | 2.502 | 3.303 | 1.458 | 3.294 | 58.13 | 60.02 | 62.25 | 61.57 | 58.14 | 60.33 | 30.320 | 0.306 |
| 6/18/2025 19:40 | 2.147 | 2.328 | 2.347 | 3.300 | 1.288 | 3.291 | 58.13 | 60.02 | 62.60 | 61.57 | 58.19 | 60.32 | 30.343 | 0.307 |
| 6/18/2025 19:50 | 1.995 | 2.169 | 2.192 | 3.290 | 1.132 | 3.295 | 58.13 | 60.20 | 62.77 | 61.57 | 58.26 | 60.32 | 30.343 | 0.308 |
| 6/18/2025 20:00 | 1.843 | 2.040 | 2.065 | 3.280 | 0.992 | 3.290 | 58.13 | 60.37 | 62.77 | 61.74 | 58.33 | 60.31 | 27.454 | 0.309 |
| 6/18/2025 20:10 | 1.716 | 1.933 | 1.963 | 3.280 | 0.865 | 3.297 | 58.13 | 60.37 | 62.60 | 61.74 | 58.40 | 60.31 | 30.377 | 0.310 |
| 6/18/2025 20:20 | 1.601 | 1.848 | 1.877 | 3.275 | 0.766 | 3.290 | 58.30 | 60.54 | 62.43 | 61.74 | 58.53 | 60.31 | 30.393 | 0.311 |
| 6/18/2025 20:30 | 1.488 | 1.788 | 1.831 | 3.280 | 0.665 | 3.291 | 58.30 | 60.54 | 62.43 | 61.74 | 58.71 | 60.31 | 30.420 | 0.312 |
| 6/18/2025 20:40 | 1.401 | 1.754 | 1.823 | 3.276 | 0.577 | 3.289 | 58.30 | 60.71 | 62.25 | 61.74 | 58.94 | 60.31 | 30.426 | 0.312 |
| 6/18/2025 20:50 | 1.317 | 1.729 | 1.812 | 3.274 | 0.508 | 3.294 | 58.48 | 60.71 | 62.08 | 61.74 | 59.17 | 60.30 | 30.381 | 0.313 |
| 6/18/2025 21:00 | 1.236 | 1.710 | 1.805 | 3.279 | 0.456 | 3.288 | 58.48 | 60.71 | 62.08 | 61.74 | 59.35 | 60.29 | 30.293 | 0.313 |
| 6/18/2025 21:10 | 1.178 | 1.712 | 1.795 | 3.284 | 0.428 | 3.296 | 58.65 | 60.88 | 61.91 | 61.74 | 59.51 | 60.29 | 30.099 | 0.314 |
| 6/18/2025 21:20 | 1.101 | 1.701 | 1.784 | 3.273 | 0.395 | 3.288 | 58.82 | 60.88 | 61.74 | 61.74 | 59.62 | 60.28 | 29.917 | 0.314 |
| 6/18/2025 21:30 | 1.035 | 1.695 | 1.773 | 3.274 | 0.367 | 3.286 | 58.82 | 60.88 | 61.57 | 61.74 | 59.70 | 60.28 | 29.803 | 0.314 |
| 6/18/2025 21:40 | 0.989 | 1.688 | 1.762 | 3.275 | 0.365 | 3.296 | 58.99 | 60.88 | 61.40 | 61.74 | 59.80 | 60.27 | 29.384 | 0.314 |
| 6/18/2025 21:50 | 0.931 | 1.681 | 1.752 | 3.272 | 0.351 | 3.289 | 58.99 | 60.88 | 61.40 | 61.74 | 59.84 | 60.27 | 28.732 | 0.314 |
| 6/18/2025 22:00 | 0.884 | 1.685 | 1.744 | 3.276 | 0.354 | 3.296 | 59.16 | 60.88 | 61.23 | 61.74 | 59.87 | 60.26 | 27.673 | 0.315 |
| 6/18/2025 22:10 | 0.836 | 1.680 | 1.743 | 3.271 | 0.346 | 3.293 | 59.16 | 60.88 | 61.05 | 61.74 | 59.88 | 60.26 | 26.875 | 0.315 |
| 6/18/2025 22:20 | 0.794 | 1.689 | 1.740 | 3.272 | 0.347 | 3.291 | 59.34 | 60.88 | 61.05 | 61.74 | 59.88 | 60.25 | 25.927 | 0.315 |
| 6/18/2025 22:30 | 0.758 | 1.685 | 1.736 | 3.276 | 0.353 | 3.288 | 59.34 | 60.88 | 60.88 | 61.74 | 59.89 | 60.25 | 23.953 | 0.315 |
| 6/18/2025 22:40 | 0.723 | 1.685 | 1.735 | 3.268 | 0.345 | 3.301 | 59.34 | 60.88 | 60.71 | 61.74 | 59.88 | 60.24 | 23.059 | 0.315 |
| 6/18/2025 22:50 | 0.683 | 1.688 | 1.735 | 3.279 | 0.355 | 3.296 | 59.34 | 60.88 | 60.71 | 61.74 | 59.88 | 60.23 | 21.765 | 0.315 |
| 6/18/2025 23:00 | 0.656 | 1.681 | 1.736 | 3.272 | 0.342 | 3.294 | 59.34 | 60.88 | 60.71 | 61.74 | 59.87 | 60.23 | 20.842 | 0.315 |
| 6/18/2025 23:10 | 0.621 | 1.682 | 1.736 | 3.270 | 0.332 | 3.288 | 59.34 | 60.88 | 60.54 | 61.91 | 59.86 | 60.22 | 20.150 | 0.315 |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/18/2025 23:20 | 0.594 | 1.682 | 1.725 | 3.274 | 0.344 | 3.290 | 59.34 | 60.88 | 60.54 | 61.91 | 59.83 | 60.21 | 19.637 | 0.315 |
| 6/18/2025 23:30 | 0.573 | 1.689 | 1.728 | 3.273 | 0.339 | 3.291 | 59.34 | 60.71 | 60.37 | 61.91 | 59.81 | 60.21 | 19.194 | 0.315 |
| 6/18/2025 23:40 | 0.550 | 1.686 | 1.736 | 3.282 | 0.343 | 3.293 | 59.34 | 60.71 | 60.37 | 61.91 | 59.78 | 60.20 | 18.994 | 0.315 |
| 6/18/2025 23:50 | 0.522 | 1.682 | 1.732 | 3.277 | 0.343 | 3.287 | 59.16 | 60.71 | 60.37 | 61.74 | 59.74 | 60.15 | 18.810 | 0.317 |
| 6/19/2025 0:00 | 0.506 | 1.682 | 1.728 | 3.269 | 0.331 | 3.301 | 59.16 | 60.71 | 60.20 | 61.74 | 59.71 | 60.16 | 18.490 | 0.325 |
| 6/19/2025 0:10 | 0.487 | 1.690 | 1.731 | 3.273 | 0.344 | 3.302 | 59.16 | 60.71 | 60.20 | 61.74 | 59.67 | 60.16 | 18.115 | 0.327 |
| 6/19/2025 0:20 | 0.467 | 1.682 | 1.724 | 3.269 | 0.337 | 3.296 | 59.16 | 60.71 | 60.20 | 61.74 | 59.63 | 60.17 | 18.367 | 0.328 |
| 6/19/2025 0:30 | 0.454 | 1.681 | 1.727 | 3.273 | 0.338 | 3.290 | 58.99 | 60.54 | 60.02 | 61.74 | 59.59 | 60.16 | 18.088 | 0.328 |
| 6/19/2025 0:40 | 0.439 | 1.678 | 1.727 | 3.277 | 0.345 | 3.301 | 58.99 | 60.54 | 60.02 | 61.74 | 59.56 | 60.16 | 18.288 | 0.328 |
| 6/19/2025 0:50 | 0.423 | 1.682 | 1.731 | 3.269 | 0.339 | 3.298 | 58.99 | 60.54 | 60.02 | 61.74 | 59.52 | 60.16 | 17.940 | 0.329 |
| 6/19/2025 1:00 | 0.412 | 1.678 | 1.724 | 3.270 | 0.342 | 3.301 | 58.99 | 60.54 | 60.02 | 61.74 | 59.48 | 60.16 | 18.177 | 0.328 |
| 6/19/2025 1:10 | 0.406 | 1.689 | 1.734 | 3.285 | 0.341 | 3.303 | 58.82 | 60.54 | 59.85 | 61.74 | 59.46 | 60.15 | 17.734 | 0.328 |
| 6/19/2025 1:20 | 0.391 | 1.674 | 1.727 | 3.270 | 0.335 | 3.297 | 58.82 | 60.54 | 59.85 | 61.74 | 59.43 | 60.14 | 17.496 | 0.328 |
| 6/19/2025 1:30 | 0.372 | 1.670 | 1.723 | 3.270 | 0.328 | 3.287 | 58.82 | 60.37 | 59.85 | 61.74 | 59.39 | 60.13 | 17.422 | 0.328 |
| 6/19/2025 1:40 | 0.375 | 1.677 | 1.730 | 3.269 | 0.334 | 3.297 | 58.82 | 60.37 | 59.85 | 61.74 | 59.34 | 60.13 | 17.151 | 0.328 |
| 6/19/2025 1:50 | 0.359 | 1.674 | 1.723 | 3.269 | 0.334 | 3.294 | 58.82 | 60.37 | 59.85 | 61.74 | 59.31 | 60.12 | 17.122 | 0.328 |
| 6/19/2025 2:00 | 0.354 | 1.677 | 1.723 | 3.269 | 0.333 | 3.298 | 58.65 | 60.37 | 59.85 | 61.74 | 59.27 | 60.12 | 17.071 | 0.328 |
| 6/19/2025 2:10 | 0.350 | 1.677 | 1.722 | 3.269 | 0.333 | 3.296 | 58.65 | 60.37 | 59.68 | 61.74 | 59.23 | 60.11 | 17.012 | 0.328 |
| 6/19/2025 2:20 | 0.341 | 1.672 | 1.718 | 3.276 | 0.343 | 3.288 | 58.65 | 60.37 | 59.68 | 61.74 | 59.20 | 60.11 | 17.073 | 0.327 |
| 6/19/2025 2:30 | 0.337 | 1.679 | 1.725 | 3.275 | 0.343 | 3.294 | 58.65 | 60.20 | 59.68 | 61.74 | 59.17 | 60.10 | 17.093 | 0.327 |
| 6/19/2025 2:40 | 0.324 | 1.675 | 1.721 | 3.271 | 0.328 | 3.294 | 58.48 | 60.20 | 59.68 | 61.74 | 59.15 | 60.10 | 16.907 | 0.327 |
| 6/19/2025 2:50 | 0.327 | 1.671 | 1.717 | 3.266 | 0.332 | 3.288 | 58.48 | 60.20 | 59.68 | 61.74 | 59.13 | 60.10 | 17.316 | 0.327 |
| 6/19/2025 3:00 | 0.445 | 1.674 | 1.721 | 3.266 | 0.332 | 3.292 | 58.48 | 60.20 | 59.68 | 61.74 | 59.10 | 60.09 | 17.170 | 0.327 |
| 6/19/2025 3:10 | 0.595 | 1.678 | 1.725 | 3.274 | 0.331 | 3.296 | 58.65 | 60.20 | 59.68 | 61.74 | 59.08 | 60.09 | 17.158 | 0.327 |
| 6/19/2025 3:20 | 0.764 | 1.674 | 1.721 | 3.273 | 0.330 | 3.295 | 58.65 | 60.20 | 59.68 | 61.74 | 59.05 | 60.09 | 17.162 | 0.327 |
| 6/19/2025 3:30 | 0.957 | 1.674 | 1.722 | 3.277 | 0.331 | 3.302 | 58.65 | 60.20 | 59.68 | 61.57 | 59.04 | 60.08 | 17.142 | 0.327 |
| 6/19/2025 3:40 | 1.163 | 1.674 | 1.715 | 3.273 | 0.341 | 3.295 | 58.65 | 60.02 | 59.68 | 61.57 | 59.02 | 60.07 | 17.135 | 0.327 |
| 6/19/2025 3:50 | 1.443 | 1.678 | 1.722 | 3.266 | 0.406 | 3.291 | 58.65 | 60.02 | 59.68 | 61.57 | 59.01 | 60.07 | 17.144 | 0.327 |
| 6/19/2025 4:00 | 1.792 | 1.682 | 1.725 | 3.273 | 0.584 | 3.300 | 58.13 | 60.02 | 59.68 | 61.57 | 58.94 | 60.07 | 20.421 | 0.327 |
| 6/19/2025 4:10 | 2.076 | 1.743 | 1.718 | 3.273 | 0.772 | 3.291 | 57.96 | 60.02 | 59.68 | 61.57 | 58.46 | 60.07 | 21.990 | 0.327 |
| 6/19/2025 4:20 | 2.415 | 1.889 | 1.908 | 3.274 | 0.920 | 3.294 | 57.96 | 60.02 | 59.68 | 61.57 | 58.18 | 60.06 | 29.837 | 0.327 |
| 6/19/2025 4:30 | 2.758 | 2.042 | 2.057 | 3.270 | 1.066 | 3.291 | 57.79 | 60.02 | 59.68 | 61.57 | 58.11 | 60.06 | 23.929 | 0.327 |
| 6/19/2025 4:40 | 2.967 | 2.203 | 2.225 | 3.273 | 1.233 | 3.298 | 57.61 | 60.02 | 59.68 | 61.57 | 58.03 | 60.06 | 23.866 | 0.327 |
| 6/19/2025 4:50 | 3.298 | 2.364 | 2.383 | 3.278 | 1.388 | 3.295 | 57.44 | 60.02 | 59.68 | 61.57 | 57.95 | 60.05 | 35.871 | 0.327 |
| 6/19/2025 5:00 | 3.551 | 2.524 | 2.525 | 3.281 | 1.544 | 3.299 | 57.44 | 59.85 | 59.68 | 61.57 | 57.86 | 60.05 | 24.995 | 0.327 |
| 6/19/2025 5:10 | 3.714 | 2.663 | 2.664 | 3.274 | 1.675 | 3.292 | 57.61 | 59.85 | 59.68 | 61.57 | 57.91 | 60.05 | 26.415 | 0.327 |
| 6/19/2025 5:20 | 3.777 | 2.796 | 2.792 | 3.266 | 1.808 | 3.286 | 57.61 | 59.68 | 59.68 | 61.57 | 57.87 | 60.04 | 27.633 | 0.327 |
| 6/19/2025 5:30 | 3.824 | 2.914 | 2.912 | 3.265 | 1.923 | 3.293 | 57.61 | 59.51 | 59.68 | 61.57 | 57.84 | 60.04 | 29.225 | 0.327 |
| 6/19/2025 5:40 | 3.839 | 3.014 | 3.006 | 3.268 | 2.021 | 3.284 | 57.61 | 59.51 | 59.68 | 61.40 | 57.80 | 60.04 | 32.403 | 0.327 |
| 6/19/2025 5:50 | 3.854 | 3.104 | 3.097 | 3.267 | 2.113 | 3.293 | 57.61 | 59.34 | 59.68 | 61.40 | 57.79 | 60.03 | 29.604 | 0.327 |
| 6/19/2025 6:00 | 3.810 | 3.187 | 3.179 | 3.267 | 2.188 | 3.296 | 57.61 | 59.16 | 59.51 | 61.40 | 57.78 | 60.03 | 29.634 | 0.327 |
| 6/19/2025 6:10 | 3.723 | 3.252 | 3.248 | 3.278 | 2.251 | 3.291 | 57.61 | 58.99 | 59.34 | 61.40 | 57.77 | 60.03 | 29.691 | 0.327 |
| 6/19/2025 6:20 | 3.743 | 3.305 | 3.304 | 3.320 | 2.312 | 3.292 | 57.79 | 58.82 | 59.16 | 61.40 | 57.76 | 60.02 | 29.722 | 0.327 |
| 6/19/2025 6:30 | 3.620 | 3.362 | 3.358 | 3.374 | 2.351 | 3.296 | 57.79 | 58.65 | 58.99 | 61.40 | 57.75 | 60.02 | 29.744 | 0.327 |
| 6/19/2025 6:40 | 3.466 | 3.396 | 3.391 | 3.405 | 2.384 | 3.295 | 57.79 | 58.48 | 58.99 | 61.40 | 57.75 | 60.02 | 25.485 | 0.327 |
| 6/19/2025 6:50 | 3.342 | 3.394 | 3.404 | 3.428 | 2.388 | 3.284 | 57.79 | 58.48 | 58.82 | 61.40 | 57.75 | 60.01 | 29.844 | 0.327 |
| 6/19/2025 7:00 | 3.180 | 3.298 | 3.313 | 3.431 | 2.285 | 3.290 | 57.79 | 58.48 | 58.82 | 61.40 | 57.74 | 60.00 | 29.937 | 0.327 |
| 6/19/2025 7:10 | 2.974 | 3.117 | 3.129 | 3.380 | 2.110 | 3.293 | 57.79 | 58.48 | 58.82 | 61.40 | 57.74 | 60.00 | 30.145 | 0.327 |
| 6/19/2025 7:20 | 2.763 | 2.928 | 2.945 | 3.335 | 1.907 | 3.288 | 57.79 | 58.48 | 58.82 | 61.40 | 57.75 | 60.00 | 30.193 | 0.327 |
| 6/19/2025 7:30 | 2.621 | 2.734 | 2.753 | 3.309 | 1.709 | 3.291 | 57.79 | 58.65 | 58.82 | 61.40 | 57.75 | 60.00 | 30.214 | 0.327 |
| 6/19/2025 7:40 | 2.388 | 2.541 | 2.559 | 3.289 | 1.514 | 3.278 | 57.79 | 58.65 | 58.99 | 61.40 | 57.76 | 60.00 | 30.216 | 0.327 |
| 6/19/2025 7:50 | 2.217 | 2.306 | 2.380 | 3.276 | 1.338 | 3.286 | 57.96 | 58.82 | 59.34 | 61.40 | 57.76 | 59.99 | 30.235 | 0.328 |
| 6/19/2025 8:00 | 2.047 | | | 3.268 | 1.180 | 3.294 | 57.96 | | | 61.40 | 57.78 | 59.99 | 30.217 | 0.328 |
| 6/19/2025 8:10 | 1.895 | | | | 1.031 | 3.285 | 57.96 | | | | 57.80 | 59.99 | 30.209 | 0.328 |
| 6/19/2025 8:20 | 1.751 | | | | 0.892 | | 57.96 | | | | 57.83 | | 30.229 | |
| 6/19/2025 8:30 | 1.642 | | | | 0.784 | | 57.96 | | | | 57.85 | | 30.242 | |
| 6/19/2025 8:40 | 1.530 | | | | 0.677 | | 57.96 | | | | 57.90 | | 30.224 | |
| 6/19/2025 8:50 | 1.440 | | | | 0.588 | | 57.96 | | | | 57.96 | | 30.205 | |
| 6/19/2025 9:00 | 1.348 | | | | 0.528 | | 57.96 | | | | 58.05 | | 30.229 | |
| 6/19/2025 9:10 | 1.262 | | | | 0.465 | | 58.13 | | | | 58.15 | | 30.190 | |
| 6/19/2025 9:20 | 1.186 | | | | 0.409 | | 58.13 | | | | 58.24 | | 30.111 | |
| 6/19/2025 9:30 | 1.117 | | | | 0.382 | | 58.30 | | | | 58.33 | | 30.089 | |

| West Grand Marsh Tidal Monitoring, Old Orchard Beach, Maine | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Water Level (ft, NAVD88) | | | | | | Water Temperature (°F) | | | | | | Salinity (PSU) | |
| Timestamp | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-1 | ML-2 | ML-3 | ML-4 | ML-5 | ML-6 | ML-5 | ML-6 |
| 6/19/2025 9:40 | 1.052 | | | | 0.356 | | 58.30 | | | | 58.41 | | 30.076 | |
| 6/19/2025 9:50 | 0.993 | | | | 0.351 | | 58.48 | | | | 58.49 | | 30.050 | |
| 6/19/2025 10:00 | 0.936 | | | | 0.336 | | 58.65 | | | | 58.61 | | 29.999 | |
| 6/19/2025 10:10 | 0.898 | | | | 0.337 | | 58.82 | | | | 58.70 | | 29.983 | |
| 6/19/2025 10:20 | 0.844 | | | | 0.333 | | 59.16 | | | | 58.83 | | 29.910 | |
| 6/19/2025 10:30 | 0.798 | | | | 0.323 | | 59.51 | | | | 58.96 | | 29.814 | |
| 6/19/2025 10:40 | 0.757 | | | | 0.326 | | 59.85 | | | | 59.11 | | 29.589 | |
| 6/19/2025 10:50 | 0.722 | | | | 0.325 | | 60.02 | | | | 59.27 | | 29.338 | |
| 6/19/2025 11:00 | 0.689 | | | | 0.327 | | 60.37 | | | | 59.44 | | 29.061 | |
| 6/19/2025 11:10 | 0.651 | | | | 0.322 | | 60.54 | | | | 59.61 | | 28.788 | |
| 6/19/2025 11:20 | 0.623 | | | | 0.320 | | 60.71 | | | | 59.78 | | 28.581 | |
| 6/19/2025 11:30 | 0.582 | | | | 0.307 | | 60.88 | | | | 59.96 | | 28.377 | |
| 6/19/2025 11:40 | 0.562 | | | | 0.314 | | 61.23 | | | | 60.14 | | 28.331 | |
| 6/19/2025 11:50 | 0.527 | | | | 0.302 | | 61.57 | | | | 60.31 | | 28.199 | |
| 6/19/2025 12:00 | 0.515 | | | | 0.316 | | 61.91 | | | | 60.50 | | 28.091 | |
| 6/19/2025 12:10 | 0.490 | | | | 0.310 | | 62.08 | | | | 60.70 | | 27.956 | |
| 6/19/2025 12:20 | 0.473 | | | | 0.315 | | 62.25 | | | | 60.91 | | 27.759 | |
| 6/19/2025 12:30 | 0.451 | | | | 0.315 | | 62.43 | | | | 61.12 | | 27.730 | |
| 6/19/2025 12:40 | 0.438 | | | | 0.313 | | 62.77 | | | | 61.37 | | 27.588 | |
| 6/19/2025 12:50 | 0.429 | | | | 0.318 | | 62.94 | | | | 61.59 | | 27.454 | |
| 6/19/2025 13:00 | 0.404 | | | | 0.326 | | 63.11 | | | | 61.80 | | 27.342 | |
| 6/19/2025 13:10 | 0.389 | | | | 0.324 | | 63.46 | | | | 62.01 | | 27.265 | |
| 6/19/2025 13:20 | 0.378 | | | | 0.325 | | 63.63 | | | | 62.29 | | 26.981 | |
| 6/19/2025 13:30 | 0.376 | | | | 0.329 | | 63.97 | | | | 62.53 | | 26.855 | |
| 6/19/2025 13:40 | 0.362 | | | | 0.323 | | 64.31 | | | | 62.78 | | 26.619 | |
| 6/19/2025 13:50 | 0.355 | | | | 0.313 | | 64.65 | | | | 63.02 | | 26.399 | |
| 6/19/2025 14:00 | 0.319 | | | | 0.304 | | 65.17 | | | | 63.27 | | 26.206 | |
| 06/19/2025 14:10 | | | | | 0.318 | | | | | | 63.51 | | 25.913 | |
| 06/19/2025 14:20 | | | | | 0.321 | | | | | | 63.77 | | 25.582 | |
| 06/19/2025 14:30 | | | | | 0.325 | | | | | | 64.01 | | 25.248 | |
| 06/19/2025 14:40 | | | | | 0.325 | | | | | | 64.25 | | 24.971 | |

# Appendix D
# Additional Salinity Monitoring Data

**West Grand Marsh Resiliency Study**
Logged By: J. Wallace & B. Springer
Date: 10/7/2025
Weather: Sunny 80° F

| Time | Monitoring Location | Salinity (ppt) | Temperature (F) |
|---|---|---|---|
| 10:18:00 AM | ML-5 | 29.6 | 63.3 |
| 10:42:00 AM | ML-6 | 0.27 | 68.5 |
| 10:45:00 AM | ML-3 | 24.1 | 65.3 |
| 10:46:00 AM | Downstream of Long Culvert | 29.3 | 62.9 |
| 10:49:00 AM | ML-2 | 30.4 | 62.4 |
| 10:51:00 AM | ML-4 | 20.00 | 63.6 |
| 10:56:00 AM | ML-1 | 30.4 | 65.1 |
| 10:58:00 AM | ML-5 | 31.2 | 62 |
| 11:05:00 AM | Oceana Ave Culvert - Upstream | 26.50 | 64.7 |
| 11:10:00 AM | Oceana Ave Culvert - Downstream | 28.70 | 64 |
| 11:13:00 AM | ML-3 | 29.5 | 64.7 |
| 11:15:00 AM | Winona Ave Culvert - Upstream | 30.40 | 63.5 |
| 11:22:00 AM | Winona Ave Culvert - Downstream | 30.10 | 64.4 |
| 11:35:00 AM | Jordan Park Marsh across from Tunis Ave | 0.33 | 66.2 |
| 11:38:00 AM | ML-6 | 0.27 | 67.6 |
| 11:46:00 AM | Culvert inlet between Tunis Ave and Hamp | 17.70 | 66.9 |
| 11:52:00 AM | ML-4 | 30.70 | 64.2 |
| 11:55:00 AM | ML-3 | 29.6 | 66.2 |
| 11:59:00 AM | Oceana Ave Culvert - Upstream | 31.20 | 63.6 |
| 12:05:00 PM | Oceana Ave Culvert - Downstream | 30.80 | 64.7 |
| 12:10:00 PM | Winona Ave Culvert - Upstream | 31.30 | 64 |
| 12:15:00 PM | Winona Ave Culvert - Downstream | 31.30 | 65.3 |
| 12:21:00 PM | ML-4 | 31.00 | 64.1 |
| 12:29:00 PM | ML-6 | 0.29 | 74.1 |
| 12:45:00 PM | ML-4 | 30.3 | 66.5 |
| 12:50:00 PM | Downstream of West Grand Culverts | 29.6 | 69.2 |
| 12:53:00 PM | Downstream of Long Culvert | 31.2 | 65.4 |
| 12:58:00 PM | ML-3 | 30.7 | 64.5 |
| 1:04:00 PM | Winona Ave Culvert - Upstream | 31.00 | 63.6 |
| 1:05:00 PM | Winona Ave Culvert - Downstream | 31.50 | 64.7 |
| 1:09:00 PM | Oceana Ave Culvert - Downstream | 31.00 | 63.6 |
| 1:11:00 PM | Oceana Ave Culvert - Upstream | 30.70 | 64 |
| 1:15:00 PM | ML-4 | 30.70 | 65.1 |
| 1:17:00 PM | ML-6 | 0.35 | 70.7 |

# Appendix E
# Public Outreach

E-1: Stakeholder Meeting Presentation Slides

E-2: Workshop Summary

E-3: Public Outreach Comments

# West Grand Marsh Resiliency Study

## 2025 Stakeholders Meeting

October 2025

Melanie Nash
Jaime Wallace, PE

EST. 1883 Old Orchard Beach MAINE

SMPDC
SOUTHERN MAINE PLANNING & DEVELOPMENT COMMISSION



WRIGHT-PIERCE
Engineering a Better Environment

# Presentation Overview

Why Marsh Health Matters
What is a Healthy Marsh?
Benefits of a Healthy Marsh
OOB's Local Marsh System

# Why Marsh Health Matters in Southern Maine



- Healthy marshes are a foundation for coastal resilience.
- The marsh in Old Orchard Beach is part of the Scarborough Marsh, which covers over 3,000 acres in southern Maine.
- Healthy, functioning marshes protect homes, roads, and infrastructure from flooding and storm surge.
- Marsh health is directly connected to a community's overall resilience.

WRIGHT-PIERCE
Engineering a Better Environment

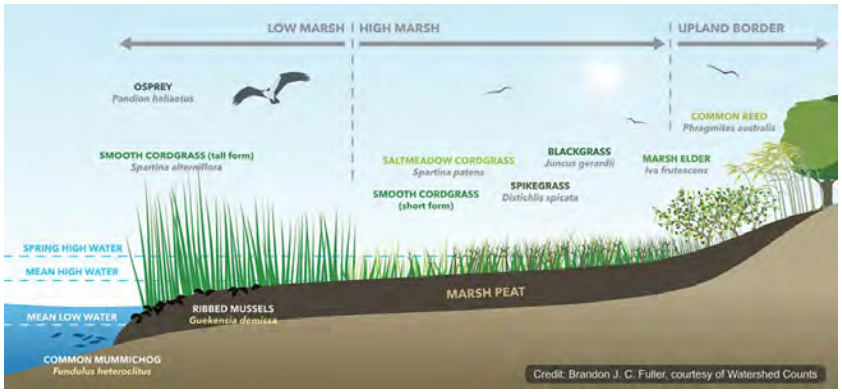
SMPDC
SOUTHERN MAINE PLANNING & DEVELOPMENT COMMISSION

# What is a Healthy Marsh?



## OOB's Marsh

- Allows for wildlife productivity for rare species like harlequin ducks, arctic terns, and New England cottontails.
- Two 'exemplary' natural community types: dune grassland and pitch pine dune woodland.




## Cross-Section of a Healthy Marsh

- Salt-tolerant marsh grass to stabilize soil and absorb waves.
- Channels and pools that move water in and out with tidal changes.
- Sediment that builds elevation naturally.
- Healthy vegetation.

WRIGHT-PIERCE
Engineering a Better Environment

SMPDC
SOUTHERN MAINE PLANNING & DEVELOPMENT COMMISSION

# Benefits of Salt Marshes



## Protect Our Communities

Absorb storm surge and floodwater

Reduce erosion and damage to property

Act as natural floodplains



## Keep Our Water Clean

Trap sediments and other pollutants

Improve water quality for shellfish, swimming, and recreation

Support fisheries by acting as a nursery for young fish and shellfish



## Climate and Carbon Benefits

Buffer sea level rise by naturally building elevation

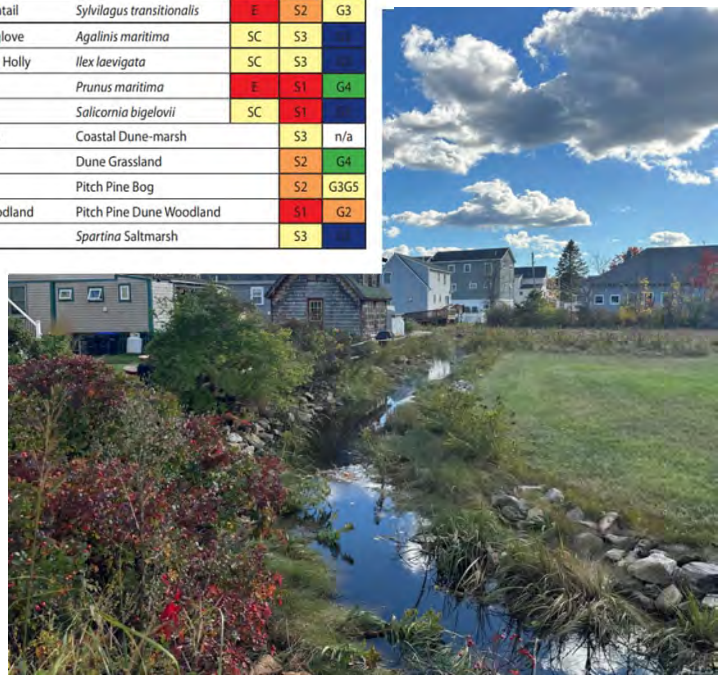
Provide cooling and oxygen production

Store 'blue carbon' in plants and soil

# OOB's Marsh System

**RARE SPECIES AND EXEMPLARY NATURAL COMMUNITIES OF THE FOCUS AREA**

| | Common Name | Scientific Name | State Status* | State Rarity Rank | Global Rarity Rank |
|---|---|---|---|---|---|
| Animals | Saltmarsh Sharp-tailed Sparrow | *Ammodramus caudacutus* | SC | S3 | G4 |
| | Common Moorhen | *Gallinula chloropus* | T | S2 | |
| | Harlequin Duck | *Histrionicus histrionicus* | T | S2S3 | G4 |
| | Least Bittern | *Ixobrychus exilis* | E | S2 | |
| | Arctic Tern | *Sterna paradisaea* | T | S2 | |
| | New England Cottontail | *Sylvilagus transitionalis* | E | S2 | G3 |
| Plants | Saltmarsh False-foxglove | *Agalinis maritima* | SC | S3 | |
| | Smooth Winterberry Holly | *Ilex laevigata* | SC | S3 | |
| | Beach Plum | *Prunus maritima* | E | S1 | G4 |
| | Dwarf Glasswort | *Salicornia bigelovii* | SC | S1 | |
| Natural Communities | Coastal Dune-marsh | Coastal Dune-marsh | | S3 | n/a |
| | Dune Grassland | Dune Grassland | | S2 | G4 |
| | Pitch Pine Bog | Pitch Pine Bog | | S2 | G3G5 |
| | Pitch Pine Dune Woodland | Pitch Pine Dune Woodland | | S1 | G2 |
| | Salt-hay Saltmarsh | *Spartina* Saltmarsh | | S3 | |



- The OOB marsh supports flood protection, habitat, and recreation.
- The marsh protects high value habitat for species including river herring, winter flounder, and alewives.
- Tidal creeks in the marsh protect key waterfowl and wading bird prey species like mummichogs and silversides.
- The long-term integrity of the marsh is dependent on the maintenance of tidal flow.

# Discussion and Questions



- Which benefits feel the most important to protect for the future?
- Was there any information that was surprising or new in this discussion of marsh health and benefits?
- Do you have questions for us about the benefits of a healthy marsh?

# Presentation Overview

- Project Goals
- Project Timeline
- What is a Tide Gate and Why Does it Matter?
- Work Completed to Date
- Next Steps
- Q&A

# Project Goals

1. Evaluate the effects of the existing tide gate on health of marsh vegetation.

2. Assess the function and operation of the existing tide gate and develop recommendations for operational changes.

3. Identify capital improvement projects to increase marsh resiliency.

# Project Timeline



**Spring 2023**

Town awarded grant through Community Resiliency Partnership

**Apr 2024 – Dec 2025**

Data collection phase (on-going)

**Oct 2025**

Stakeholders meeting and listening session

**Dec 2025**

Presentation of findings to Council

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# What is a Tide Gate and Why Does it Matter?

- Used to control flow of water between tidal and non-tidal areas.
  - Manages water levels upstream of tide gate during high tides.
  - Allows stormwater to drain out during low tides.
- Most commonly used to provide flood protection to low-lying developed areas.
- OOB's Tide Gate:
  - Self-regulating gate
    - Closes at 4.25' (NAVD88)
  - Two "flapper" gates
  - Manual "Storm Mode"



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# Data Collection




- Drone flight with LiDAR drone in April 2024
  - 110 acres surveyed
- Survey of finish floor elevations on structures surrounding marshes in May 2024
- Tidal and salinity monitoring June 2025
  - Re-deployed loggers in October 2025
- Salinity readings during October 2025 high tide event.

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Engineering a Better Environment

# Drone Flight







WRIGHT-PIERCE
Engineering a Better Environment

# FFE Survey



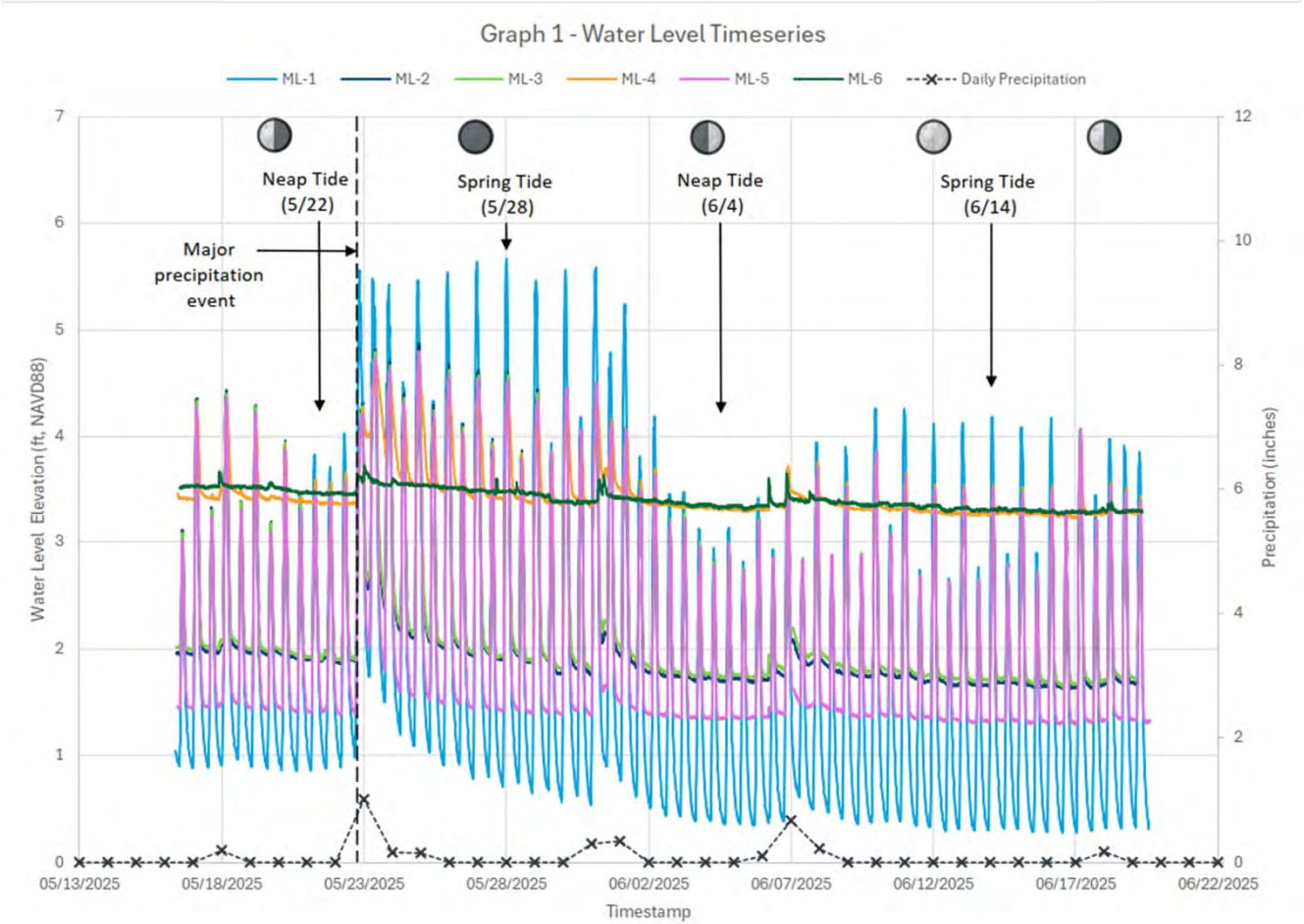

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# Tidal Monitoring

- Six data loggers deployed throughout study area
- Two data loggers monitoring salinity
- Plot data to look for trends over time and lags through the system.
- Can be something implemented long term



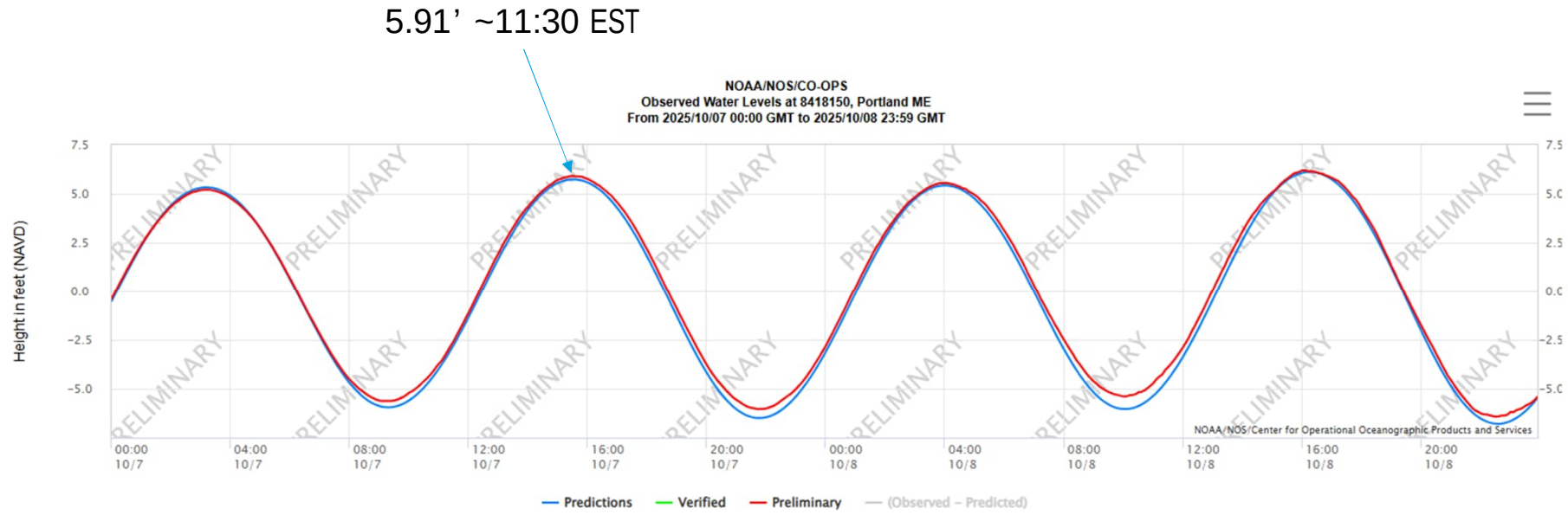
# Tidal Monitoring




WRIGHT-PIERCE
Engineering a Better Environment

# Salinity Readings – October 7, 2025 High Tide

- High tide for October 7th ~ 11:30 A.M. (EST)
- Preliminary – 5.91’ (NAVD88)
  - Portland, ME Tidal Datum (Sta. 8418150)




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# Salinity Readings – October 7, 2025 High Tide



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# Salinity Readings – October 7, 2025 High Tide



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# Salinity Readings – October 7, 2025 High Tide



# Salinity Readings – October 7, 2025 High Tide



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# Salinity Readings – October 7, 2025 High Tide



# Next Steps

### Public Input

- Feedback is important.
- Final study will take public feedback into account.

### Final Study

- Small workshop with Town and Conservation Commission
- Incorporate any final public feedback comments

### Final Presentation

- December 2025
- Presentation of study findings
- Study complete end of December

### On-Going

- Tidal/Salinity monitoring
- On-going data collection
- Preliminary designs
- Additional studies?

### Implementation Plan

- Consider CIP projects
- Funding opportunities?
- Phased approach?

**Very complex system. Implementation plan will be very important**

WRIGHT-PIERCE
Engineering a Better Environment

# Contact Information




## Jaime Wallace, PE

Jaime.wallace@wright-pierce.com
207.798.3744

# THANK YOU

WRIGHT-PIERCE
Engineering a Better Environment

# West Grand Marsh Resiliency Study

## 2025 Final Presentation

December 2025

Jaime Wallace, PE

EST. 1883 Old Orchard Beach MAINE



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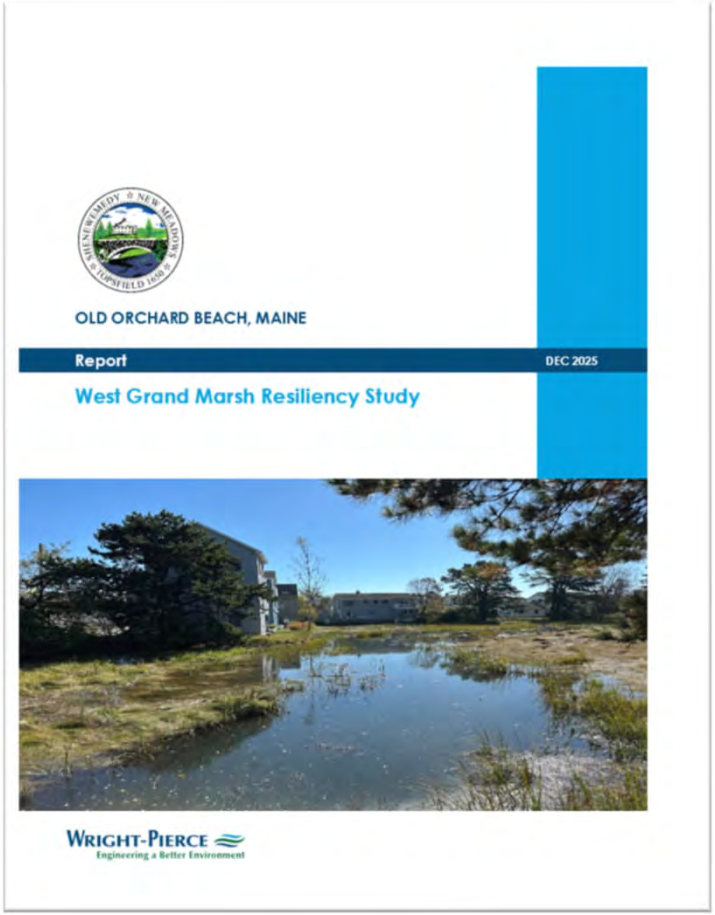
# Presentation Overview

Study Overview
Data Analysis
Public Input
Recommendations
Next Steps

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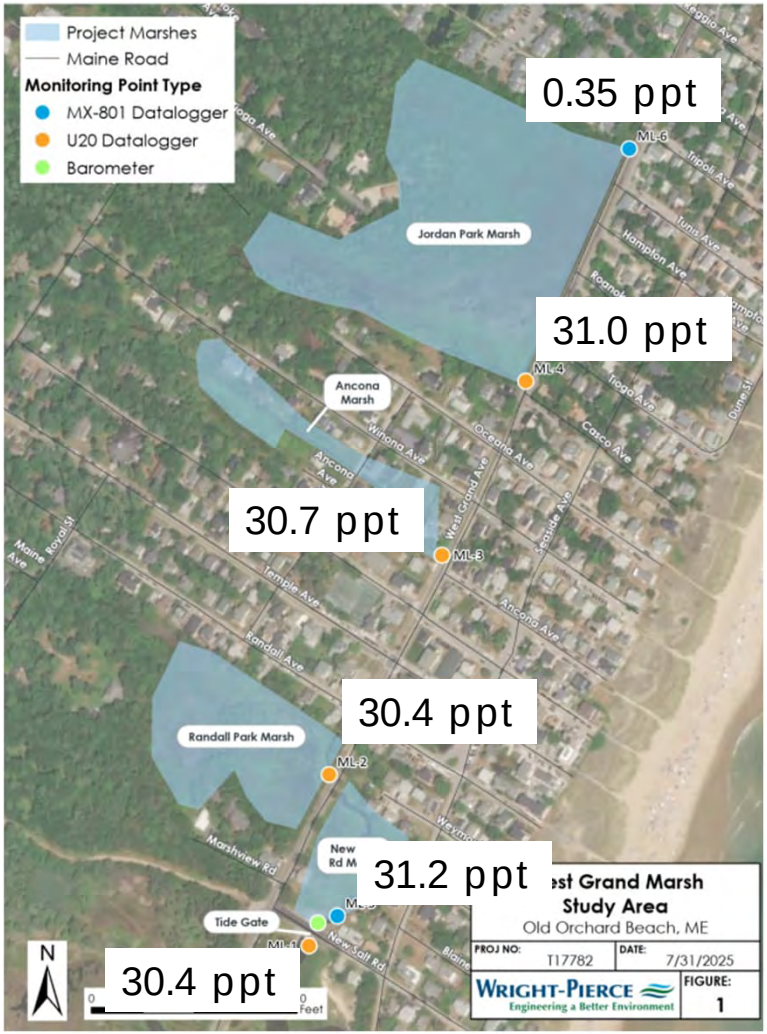
# Study Overview

- Data Collection Phase
  - LiDAR Drone Survey
  - FFE Survey
  - Tidal monitoring (May – June 2025 & October 2025 – Present)
  - Partnership with Stantec for Vegetation Assessment
- Community Outreach
  - October 2025 Stakeholders Meeting
  - Public Comment Period (October – November 2025)
  - Public Hearing (December 2025)
- Draft/Final Resiliency Study




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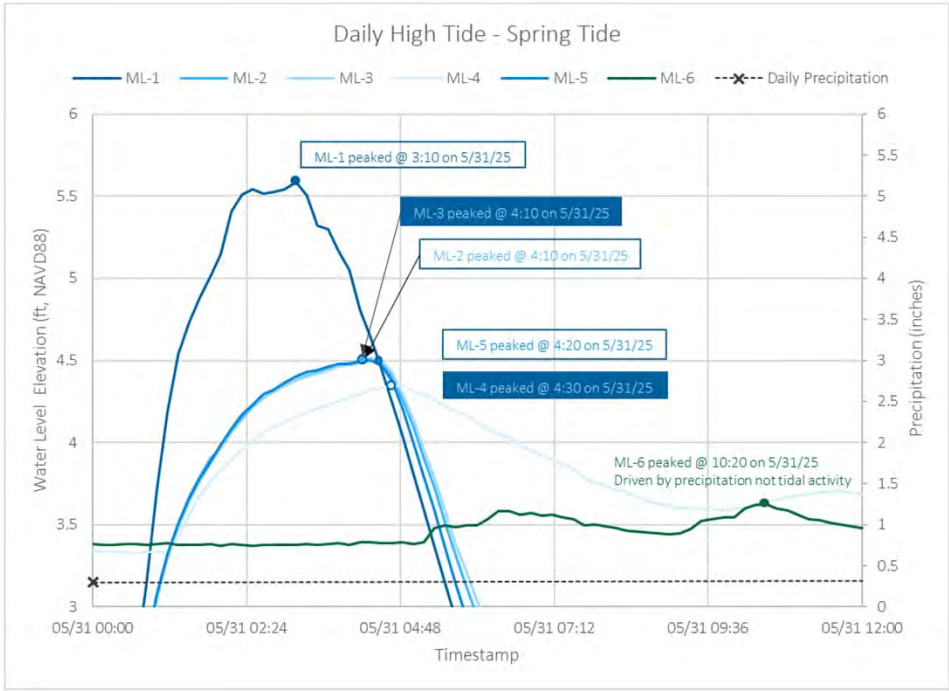
# Data Analysis - Salinity Monitoring



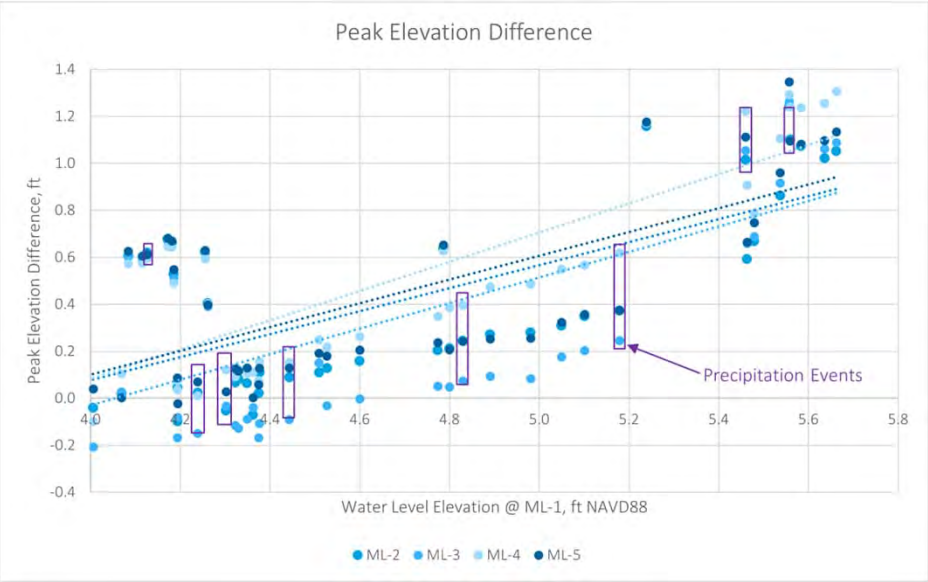

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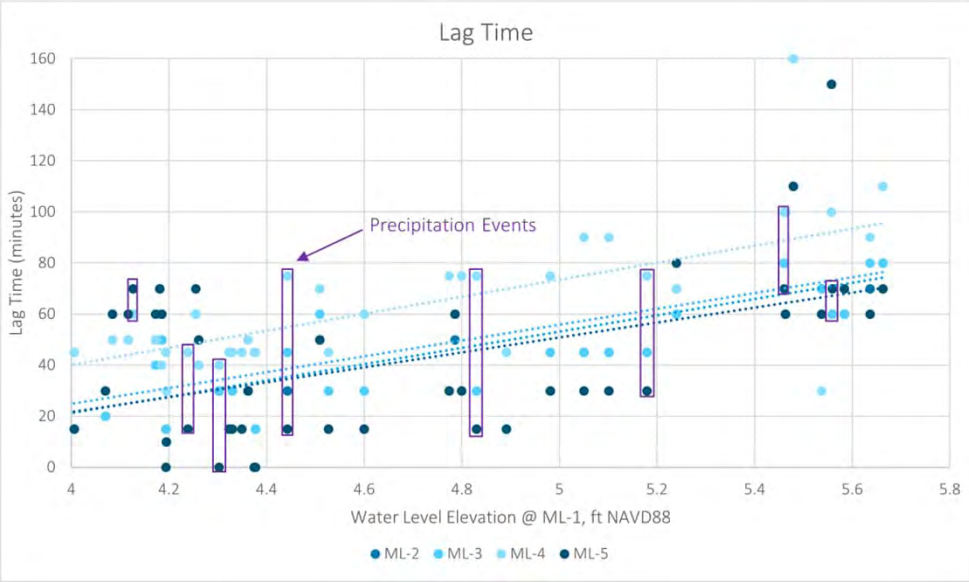
# Data Analysis – Peak Water Elevations

- General Observations:
  - As water level increases at ML-1, incremental peak difference in elevation from ML-1 to ML-5 increases.
  - No significant change in incremental peak difference across other ML's.
  - Indicates that tide gate is biggest impediment of flows.
- Additional Observations:
  - ML-4 is not influenced by tidal activity until water level at ML-1 surpasses ~3.5-feet.
  - In general, water elevation peaks at ML-6 are influenced by precip. events.
  - Potential outside influence on ML-3 showing peaks higher than ML-1



# Data Analysis – Peak Water Elevations & Lag Time




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# Public Input

## Community Outreach Responses

| Comment Category | General Comments | Recommendations/Discussion |
|---|---|---|
| Sediment in the System | • Too much sediment built up in system<br>• Dredging downstream of tide gate (outside scope) | • Dredging will likely cause more harm than good.<br>• Regulatory hurdles.<br>• Town on list for York County dredge. |
| Operation and Maintenance | • Ensure a smooth and ongoing operation of SRT.<br>• Identify responsibilities for gate operation. | • Iterative process for updating SRT SOP.<br>• Wastewater department currently responsible for operation. |
| Continued Monitoring | • Continue utilizing Town owned data loggers.<br>• Suggest developing strategic partnerships. | • Partnership opportunities with UNE and adjacent communities.<br>• Expand monitoring locations within the system. |

# Recommendations

- Continued Monitoring
- Implement adjustments in SRT protocol
- Consider additional actuating gates.
- Routine maintenance and structure cleaning.
- Stormwater improvements
- Future Considerations/CIP Projects:
  - Raise low-lying roads adjacent to marshes
  - Evaluate/replace existing culverts as needed.
  - Raise private infrastructure adjacent to marshes.
  - Consider ordinance changes for FFE's



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# Next Steps

### Implement Revised Gate Operations

- Iterative adjustment
- Field observations
- Marsh health monitoring

### Cont./Expand Marsh Monitoring

- Maintain current loggers
- Deploy additional loggers
- Consider developing partnerships

### Develop Structure Maintenance Schedule

- Develop a structure maintenance plan.
- Coordinate with DPW

### Assess Funding Opportunities

- Review state and federal funding programs.
- Programs may fund additional studies and upgrades

### Community and Stakeholder Engagement

- Maintain communication with residents.
- Provide updates on monitoring results & CIP's

No "one size fits all" approach. Very complex system.

# THANK YOU

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# Old Orchard Beach
# CCG – Tide Gate Workshop

Tuesday, October 28th, 2025, 6:00 PM – 7:00 PM

Special Workshop as Part of Town Council Meeting-

Town Hall Council Chambers

## Contents


Summary ..... 1

Importance of healthy marshes is OOB ..... 2

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Comments Received During Post-Workshop Comment Period (Oct, 2025 – Nov, 2025) ..... 6


## Summary

- At least 36 attendees (based on a headcount of in-person attendees)
- Nine comments submitted as part of the post workshop comment period (October 2025 – November, 2025)

On Tuesday, October 28th, the Town of Old Orchard Beach (OOB), with support from Southern Maine Planning and Development Commission (SMPDC) and Wright Pierce Engineering, hosted a community workshop on the West Grand Marsh Resiliency Study. The workshop entailed a presentation on the importance of healthy marshes in OOB, a presentation on the West Grand Marsh tide gate study, and group discussions about local priorities and concerns for healthy marshes in OOB. Participants were able to provide input verbally during the workshop and via written comments during the post workshop period.

The following sections summarize the comments and questions received and the common priorities and concerns identified by workshop attendees.

# Importance of healthy marshes is OOB

## Benefits

Several benefits were commonly mentioned, especially marshes ability to **improve water quality** and **providing property protection** from flood waters. Attendees also mentioned that a well functioning channel in the marsh helps to deliver saltwater to the upper regions of the marsh, which in turn helps to **control mosquito populations**. Also mentioned was the importance of **community education**.

## Concerns

Many more attendees had comments to share about their concerns regarding marsh health, instead of specific benefits. These concerns included:

Comments regarding the **channel in the marsh**:

- A broken retaining wall was mentioned as impeding flow
- Observation that the channel is less than 9 foot tide no water in upper marsh
- Marshes fill up with natural debris – question of if there a maintenance plan in general for marshes
    - Discussion of community members needing to get into the area around the marsh and clean, clear out areas
    - *Can look into protocols for other Maine town marshes*
- Note that other communities are working on clearing channels
    - Biddeford and Saco have started clearing channels in partnership with Rachel Carlson Federal Wildlife Management Area.

Comments regarding **fishing impacts**:

- Concern about no longer being able to fish in Goosefare Brook
- Observation of sewage in the brook

Concerns about the **functioning of tide gate**:

- Concern that the gate is shut at inappropriate times
- Comment that the tide gate has been a challenge for 30 years

Comments about the **size of the swales** around the marsh:

- Note that the Town has improved the swales in the past
- Concern that swales are not large enough to keep floodwaters out of abutters' yards
- Specifically, the swale on Winona Drive was mentioned

Comments about **tidal flooding into yards**:

- Observations that biggest tides overflow into back yards regularly

Concerns about **culverts** inhibiting saltwater flow:

- Observations that salt water flow is inhibited by culverts
- Concerns about culvert at Union Ave, Winona Dr and Clover St
- Note that there are lots of culverts throughout the marsh
    - *Town could study the adequacy and effectiveness of culverts in Ocean Park*

Concerns about **sand movement** into the channel, particularly at the mouth of Goosefare brook:

- Comment that sand movement driven by ocean, plus humans, question of whether this is contributing to the flooding.
- Discussion around the permitting issues of moving sand
    - Mention that DEP permits will be needed to move sand
    - Question of whether there is an emergency process to remove sand (expedited permitting?)
- Discussion around the role the York County Dredge could play in sand movement and dredging.
    - Question of how the dredge is being scheduled
    - Question of whether the dredge could be used for this purpose
    - Question of what permitting would be required.

# West Grand Marsh Tide Gate Study

## Data/study comments

Additional comments and questions were shared following Wright Peirce's presentation of the ongoing tide gate study. There were several general comments and questions about the study and data shown:

Overall general **agreement with the data and photos** shown

- General assent and agreement with the flooding photos, clearly lots of people in attendance were very familiar with exactly where the flooding occurs (roads, culverts, areas)

Many questions and comments about **tide gate operation protocol**

- Lots of questions about why the gate is closed as often as it is; what is the protocol?
- Comment about need for better communication and quicker response to tide changes/storm events.s

Comments and questions about the **use of data loggers** for the study and beyond

- Question of whether the Town owns data loggers and can monitor tidal data over time?

## Concerns

Many of the concerns mentioned in the early discussion were also brought up during the second discussion period. These concerns include:

**Sand** in marsh and at entrance to Goosefare Brook:

- Observation that over the years, the marsh has set and debris has settled. Capacity of the marsh to hold volume is diminished.
    - Question of if there is a maintenance plan for maintaining the marsh
- Comment that Rachel Carson controls the land where the sand is and sand is coming from (possibly Camp Ellis)
    - Desire shared to dredge the sand at the entrance of the tide gate up to the bridge
    - Comment that dealing with the federal gov. might be what's difficult
    - Comment that if sand is coming from Camp Ellis than there may be a need for the Town to coordinate with Saco on that work.
- Noted by Wright Pierce that water level measurer will help us understand the impacts of sand overtime

Difficulty in obtaining and better understanding of applicability of **DEP Permits** for work in the marsh

- Question of if there are ways to expedite permitting during emergencies/storms?
    - Discussion that yes, DEP does have projects that don't require such extreme permits if there's limited change/no intervention
        - Also storm response measures, DEP is responsive to storm events and was flexible after 2024 storms

Concerns about **pollution in the marsh:**

- Question of whether the town looks at pollutants from stormwater?
    - Noted that Goosefare brook has high levels of pollutants
    - Discussion that yes, OOB is MS4 community and also a participant in Maine Healthy Beaches
- Example given of sewage spill when sewer pump failed near Randall Marsh, issues with town not cleaning it up quickly, DEP came to work on remediation
- Wright-pierce noted that they are measuring pollution levels at outfalls, Maine healthy beaches monitors goosefare brook every week
    - *Could pollutant info be included as an appendix as a report?*

Concerns about **culverts:**

- Comment that it seems like ability of ocean water to move to marshes is inhibited by culverts, which haven't been maintained. Doesn't that restrict flow to Jordan Marsh?

General frustration about the **speed of actions** being taken:

- Question about who will give us recommendations for actionable events?
    - Wright Pierce noted that part of study is recommendations for Capital Improvements that address the identified issues and that recommendations will be made by end of December
- Question of why OOB hasn't started clearing out channels in Marsh when neighboring communities have started this work.
- Frustration mentioned that OOB is still in a study phase, when January 2024 storms feel like long ago.
    - Comment: what happened in 2024 was devastating to where we live, we don't want it to happen again. Need action now/immediately, not in 6 months.
- Concern that Town and DEP were not coordinating enough on clean up from sewage spill

## Next steps

Several comments and questions regarded next steps in the study process and as follow up to the study:

Identify short- and long-term **solutions for cleaning up channel and entrance to Goosefare brook**.

- Better understand what plans, permits, etc would be needed to make substantial improvements

Some desire to study more things than just the tide gate project

- 2 discussions on dredging, downstream of the tide gate, upstream is along west grand, etc.
    - Suggestion to call Justine Chinette to discuss with him about the dredge and how it could be used for OOB

Develop/update **operating protocol for the tide gate**

Develop a **marsh plan**

- Question of what possible plans could be implemented to reduce impaction of marshes? Are there best practices, and should the town have a plan?
    - OOB could design a marsh plan as part of implementation
    - Examples of best practice for marsh health planning exist in Maine, Laudholm Beach is a good example (Wells)

OOB could look at **Coastal Community Grants and Community Action Grants** to fund next steps

- Ex: CAG to do permitting and design of a dredge project

### Suggestions for future engagement

Several suggestions offered by attendees are relevant to immediate next steps in the final few months of the project. These include:

- Conservation Commission members request to have another meeting in Ocean Park to share the information from this presentation.
- Town could consider publishing maps of study area online, people want clarity on where the study area is.
- It would be helpful if the study area slide was earlier in the presentation
- Request to have DEP present at the December workshop (request from council)

## Comments Received During Post-Workshop Comment Period (October 2025 – November 2025)

Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Tue 10/28/2025 6:51 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

How much does the salinity increase in Jordan Marsh when the tide gate closes at 4.25'? Some have questioned whether the culverts are large enough to get more salt water into the marshes.

**Your Name**

Mark Lauritano

**Your E-mail Address**

lauritano.mark2@gmail.com

**Organization**

OPA, Environment & Natural Resources Comm.

**Phone Number**

781-439-5701

**Street**

1639 Main Street

**City**

Concord

**State**

Massachusetts

**Zipcode**

01742

https://www.oobmaine.com/contact/

Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Tue 10/28/2025 6:10 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Your Name**

Sue Martin

**Your E-mail Address**

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**Phone Number**

2073171877

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**City**

Old Orchard beach

**State**

Maine

**Zipcode**

04064

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Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Tue 10/28/2025 7:24 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

I was a volunteer taking weekly water samples with Maine Healthy Beaches between Memorial Day and Labor Day. This year we added two sites on Goosefare Brook, one at the tidal gate and another under the bridge on West Grand Avenue. I would be happy to send you the data.

**Your Name**

Mark Lauritano

**Your E-mail Address**

lauritano.mark2@gmail.com

**Organization**

Ocean Park Association

**Phone Number**

781-439-5701

**Street**

1639 Main Street

**City**

Concord

**State**

Massachusetts

**Zipcode**

01742

https://www.oobmaine.com/contact/

Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Thu 10/30/2025 7:25 AM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

Just to affirm my input from the meeting... It is my belief that too much sediment has built up over the years in our marshes deminishing volume capacity to hold brackish waters causing overflow into streets and residences. I believe we need to remove access sediment and growth. EXAMPLE: when we removed fragmities we cut them at the surface of the water and left the root balls intact. That was volume we could have recovered if the root balls were eradicated. Lastly, it couldn't have been repeated more, but the channels need to be cleared and and improved to allow tidal flow in and out of the marshes.

**Your Name**

David A Walker

**Your E-mail Address**

opkmaine@comcast.net

**Organization**

Planning Board chair

**Phone Number**

4137680811

**Street**

5 Winona Ave

**City**

Ocean Park

**State**

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**Zipcode**

04063

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Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Wed 11/12/2025 9:44 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

Thank you for hosting the stakeholder meeting on the Marsh Resiliency Study. The Environment and Natural Resources Committee of the Ocean Park Association appreciates the opportunity to provide our feedback.
Our questions and comments fall into three interconnected priority areas and thoughts for the future.
1. Well-functioning tidal gate at New Salt Road
2. Health of Jordan Park Marsh
3. Unencumbered path for tidal flow from Goosefare Brook to Jordan Park Marsh to ensure the health of the marsh and to help alleviate flooding.
We will submit more detail on each of these priorities in separate comment submissions. We've also attached the full document should that be more convenient.

**Attach File**

- OPA-Feedback-on-Marsh-Resiliency-Study.pdf

**Your Name**

Justin Foster and Janet Anderson

**Your E-mail Address**

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**Organization**

Ocean Park Association Environment and Natural Resouces Commitee

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**State**

Maine

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Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Wed 11/12/2025 9:47 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

Priority 1. Well-functioning tidal gate at New Salt Road. We appreciate the town's proactive look at the functioning of the tidal gate.
o We agree with the need to update/revise the protocol for the self-regulated opening and closing of the central tidal gate and two "flapper" gates.
o Once new protocols are set, we want to ensure the smooth and ongoing operation of the self-regulated system. Who will be responsible for actively monitoring and overseeing the functioning of the tidal gate and providing a timely response to any breakdown in the system? Will that continue to be the Public Works department?
o In addition to the self-regulating gate, we hope criteria will be identified for when the tidal gate will be manually opened and closed based on storm and high tide predictions and clarify who is responsible for manual operation.

**Your Name**

Justin Foster and Janet Anderson

**Your E-mail Address**

jkerrianders1201@gmail.com

**Organization**

Ocean Park Association Environment and Natural Resources Committee

**State**

Maine

https://www.oobmaine.com/contact/

Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Wed 11/12/2025 9:49 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

Priority 2. Health of Jordan Park Marsh. A healthy Jordan Park Marsh could limit the growth of invasive species, support more diverse habitat for wildlife, potentially absorb more stormwater, and help to reduce some flood risk. We were struck by the significant change in salinity data from the south end of Jordan Park Marsh (JPM) to the north end. One theory is that this change is due to restriction of the tidal flow. While this may be a likely reason, we also think there may be other contributing factors and raise a few additional questions for the team at Wright-Pierce.
o What is the elevation change from the tidal gate to JPM? Is this data available from the LiDAR drone readings? How would a change in elevation impact the flow of water and what solutions could be proposed?
o Is there fresh water/ground water/storm water run-off that could be diluting the salinity and impacting the health of the JPM?
o How do the salinity readings change when the tidal gate is operating under the current protocol which calls for closure when the tide rises to 4.25 feet?
o What roles do bacteria, pesticides and fertilizers have in the health of the marsh?
o How best to manage the invasive species, i.e., phragmites, in JPM.

**Your Name**

Justin Foster and Janet Anderson

**Your E-mail Address**

jkerrianders1201@gmail.com

**Organization**

Ocean Park Association Environment and Natural Resources Committee

**State**

Maine

https://www.oobmaine.com/contact/

Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Wed 11/12/2025 9:51 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

Priority 3. Unencumbered path for tidal flow to ensure the health of the marsh and to help alleviate flooding. Looking at the West Grand Marsh Study Area photo (slide 15), we see the interconnectedness of a system of four marshes and multiple culverts that connect the marshes from Goosefare Brook to Jordan Park Marsh. We agree with the comments at the meeting that dredging of Goosefare Brook and the clearing/deepening of the existing culverts may provide a more unencumbered path to Jordan Park Marsh and may help alleviate flooding at key junctures along the way.
o With York County purchasing a dredger, this seems like an opportune time to “get in line” to use the dredger, looking into the permits required and funding needed to dredge the excessive build-up of sand in Goosefare Brook in partnership with the City of Saco and Rachel Carson National Wildlife Refuge.
o If the Town implements a plan to clean/deepen the culverts, we would like to see a recommended schedule of cleaning the culverts as part of the final report. This will also be an opportunity to identify factors that are contributing to the “clogging” of the culverts. Testing the sediment removed from the culverts may provide some clues. This may then be an opportunity to provide education to residents which we are happy to help organize.
o Currently during high tide, the water flow into the Ancona Marsh and flooding of Clover Street occurs on a regular basis, whereas the culvert that flows under Winona Avenue and Ocean Avenue does not flood. Lessening flow to the Ancona Marsh and encouraging greater flow into Jordan Marsh may be a good goal. How might this situation be rectified with some combination of dredging and/or capital improvements (i.e., gates) without causing increased flooding elsewhere?

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Outlook

## New submission from Contact Us

**From** do-not-reply@oobmaine.com <do-not-reply@oobmaine.com>
**Date** Wed 11/12/2025 9:52 PM
**To** Tim Fleury <TFleury@oobmaine.com>

**Subject:**

Marsh Resiliency Study Public Input

**Message:**

Looking Ahead
o How will the OOB Comprehensive Plan, currently under development, address climate resiliency? We suggest that key findings from this study be incorporated into the Comprehensive Plan.
o A study and its recommendations are the first step needed to create an implementation and on-going management plan. What will be the implementation plan for the findings from the study? Will Wright-Pierce provide guidance on the costs and permits needed for the recommended improvements and suggest possible sources of funding in the final report? We wonder how we can be helpful in identifying and writing grants to support the implementation work.
o The data loggers owned by the Town are an opportunity to collect and analyze data over time and track any changes as improvements/changes are made. We wonder if the University of New England's School of Marine and Environmental Programs might be a resource for the ongoing tracking and analyzing the data.
o How can we best help OOB develop partnerships with neighboring communities (Saco/Scarborough) and University of New England on the health and climate resiliency of Goosefare Brook, Scarborough Marsh and the beaches in Saco Bay.

The Ocean Park Association Environment and Natural Resources Committee looks forward to working together with the Town and is willing to help however we can whether through grant writing, education programs for residents, or connections with partners. We look forward to hearing the final report and Wright-Pierce's recommendations in December.

**Your Name**

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**Organization**

Ocean Park Association Environment and Natural Resources Committee

**State**

Maine

# Appendix F
# Tide Gate Operation Protocol Memo

WRIGHT-PIERCE
Engineering a Better Environment

# Memorandum

Date: **9/5/2023**

Project No.: **21541A**

To: **Chris White, OOB**
**Mike Hersey, OOB**

From: **Jaime Wallace, WP**

Subject: **Town of Old Orchard Beach, Maine – West Grand Avenue Flood Mitigation**
**New Salt Road Self-Regulated Tide Gate Operation Protocol**

## Introduction

The New Salt Road Self-Regulated Tide Gate (SRT) is located in the Town of Old Orchard Beach, Maine (Town), where the West Grand Avenue watershed discharges into Goosefare Brook, a tidally influenced estuary. The SRT is shown in Figure 1 and Photo 1 located in Appendix A.

The SRT is owned and operated by the Town. The purpose of the SRT is to prevent excessive tidal water from entering the marshes adjacent to West Grand Avenue and flooding properties along West Grand Avenue during extreme tidal elevations. The New Salt Road crossing consists of three 48-inch diameter gates attached to the ocean side of three 48-inch diameter reinforced concrete culverts. Two of the three gates are flap gates, which only allow water to discharge to Goosefare Brook and prevent tidal water from flowing in. The third gate is the SRT, which is an electrically powered flap gate that slides vertically to regulate the amount of tidal water that enters the upstream saltwater marshes. The SRT is equipped with a water level sensor, located on the ocean side of the tide gates, which automatically closes the gate during periods of high tides to prevent salt water from flooding inhabited areas.

The SRT sensor is currently calibrated to close the gate once tide waters on the ocean side of the tide gate rise above an elevation of approximately 9.5 feet MLLW (4.25 feet NAVD88).

## Objective

The objective of this SRT Operation protocol is two-fold:

1. The primary objective is to provide for an increased level of flood protection for the flood prone West Grand Avenue area in anticipation of significant rain events; and
2. The secondary objective is to maintain a high level of salinity in the saltwater marshes during periods of dry weather.

Under the current tide gate automatic control settings, tidal waters are allowed to flow into and fill upstream marshes before and during rain events, taking up valuable storage volume in the watershed. This means that there is the potential for a high tide to occur concurrently with a significant rain event, which causes an already high marsh water level to get even higher and flood inhabited areas along West Grand Avenue. To prevent such a scenario from occurring, the Town implemented a program to monitor rainfall forecasts and manually close the SRT prior to incoming rain events.

This SRT Operation Protocol will define the required operations during both normal operation (Dry Weather) and Wet Weather operation in more detail and will assign responsible parties to carry out the protocol. The goal of this protocol is to provide operating direction that results in minimized flooding of West Grand Avenue and maximized salinity in the marshes.

## Basis of Operation Protocol

On December 8, 2010, a high tide was predicted to reach this 10.0-foot mark but was not expected to exceed it, and with no rainfall in the forecast, the tide gate was left open. Based on the observations of the NOAA Tides and Currents website, the tide actually reached a height between 10.5 and 10.6 feet. The Town discovered that when the tide water reaches this level, water rises above the rim of two catch basins along West Grand Avenue (between Colby and Ancona Avenue) and creates a pool of water approximately 6 inches deep in this location. The ponding can be seen in Photo 2 in Appendix A.

Based on these observations, a 10-foot tide level will cause water levels in these catch basins to reach elevations that are at or slightly higher than the rim elevations. The rim elevation of the lowest catch basin in this area is approximately 9.82 feet MLLW. Therefore, in order to eliminate this flooding and provide some freeboard within the catch basin, a "Gate Close" tide level of 9.5 feet MLLW has been chosen.

Proper operation of the SRT during significant rain events will lessen the frequency and severity of flooding that occurs along West Grand Avenue. To determine the rain events that qualify as a "significant" rain event (i.e. events the tide gate should be closed before), historical flooding events and their associated rainfall amounts and durations were analyzed and are summarized in Table 1.

Table 1 - Historic Flooding Events

| Date | Rainfall Amount (in.) | Duration (hr.) |
|---|---|---|
| 12/23/2022** | 1.07 | 24 |
| 12/14/2019 | 3.40 | 24 |
| 10/21/2016 | 3.81 | 24 |
| 9/30/2015 | 5.56 | 24 |
| 8/13/2014 | 6.43 | 24 |
| 6/3/2013 | 3.63 | 24 |
| 6/2/2012 | 3.63 | 24 |
| 4/23/2012 | 3.13 | 24 |

| Date | Rainfall Amount (in.) | Duration (hr.) |
|---|---|---|
| 2/25/2010 | 6.27 | 36 |
| 11/14/2009 | 5.03 | 16 |
| 9/7/2008 | 5.52 | 22 |
| 7/31/2008 | 4.0* | 5 |
| 4/28/2008 | 3.34 | 24 |

*Estimated due to spatial variation.

** Storm event paired with astronomical high tide and high winds overtopped New Salt Road and caused significant damage to roadway.

While this table presents some of the most recent significant flooding events for the area, it only represents events for which data was available and does not represent the entire range of significant rain events that can cause flooding of the West Grand Avenue area. Therefore, the decision point at which the call should be made to trigger the Wet Weather portion of the Tide Gate Protocol can be adjusted as more data is gathered. To start, a conservative assumption of 2.0 inches of predicted rainfall was used as the trigger for the Wet Weather protocol. This has since been modified to a 2.5-inch rain event.

## Operation Criteria and Responsible Parties

The following table outlines the primary operation criteria and indicates the parties that are responsible for operation of the SRT during each protocol. Example Wet Weather operation scenarios have been included in Appendix A.

| | | | |
|---|---|---|---|
| Current "Gate Closed" elevation is known as a tide level equal to the hinges of the flap gates. | | | |
| Assumed Elevation of Hinges | = | 10.0 | ft. (MLLW) |
| | = | 4.8 | ft. (NAVD88) |
| **Normal Operation Protocol (Dry Weather)** | | | |
| Tide Level (Datum: MLLW) | Tide Level (Datum: NAVD88) | Gate Status | Responsibility |
| < 9.5' | < 4.3' | OPEN | The Public Works Director is responsible for maintaining the operation of the tide gate during dry weather. |
| ≥ 9.5' | ≥ 4.3' | CLOSED | |
| Comments:<br>Gate in automatic control. | | | |
| **Wet Weather Operation Protocol** | | | |
| *Action* | | | *Responsibility* |
| 24 hours prior to an event predicted at a 50% chance or greater of more than 2.5 inches of rainfall, the tide gate control scheme must be switched to 'Storm Mode'. | | | The Public Works Director (PWD) shall be responsible for monitoring weather forecasts (using the Gray NOAA Weather Station), making the decision to switch over to 'Storm Mode', and when to revert to 'Normal Mode'. |
| In 'Storm Mode', the level controls will be set to close the tide gate at the next low tide cycle, before the tide level rises above the invert of the inlet pipes (5.5' MLLW) (0.2' NAVD), The gate will remain closed until the upstream water level is higher than the tide level. | | | The PWD shall be responsible for physically triggering the SRT controls to enter 'Storm Mode'. |
| The tide gate will continue to open and close based on the comparison of the upstream and tide water levels. The gate will open when the tide level is lower than the upstream water level and will close when the tide level rises above the upstream water level. | | | |
| The tide gate controller will remain in 'Storm Mode' until it is switched back to 'Normal Mode' by the user. The call to revert to normal operations must be made within 12 hours of the end of the rain event. | | | The PWD shall be responsible for physically reverting the SRT controls to 'Normal Mode' |

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