



CITY OF VIRGINIA BEACH

**Public
Works**

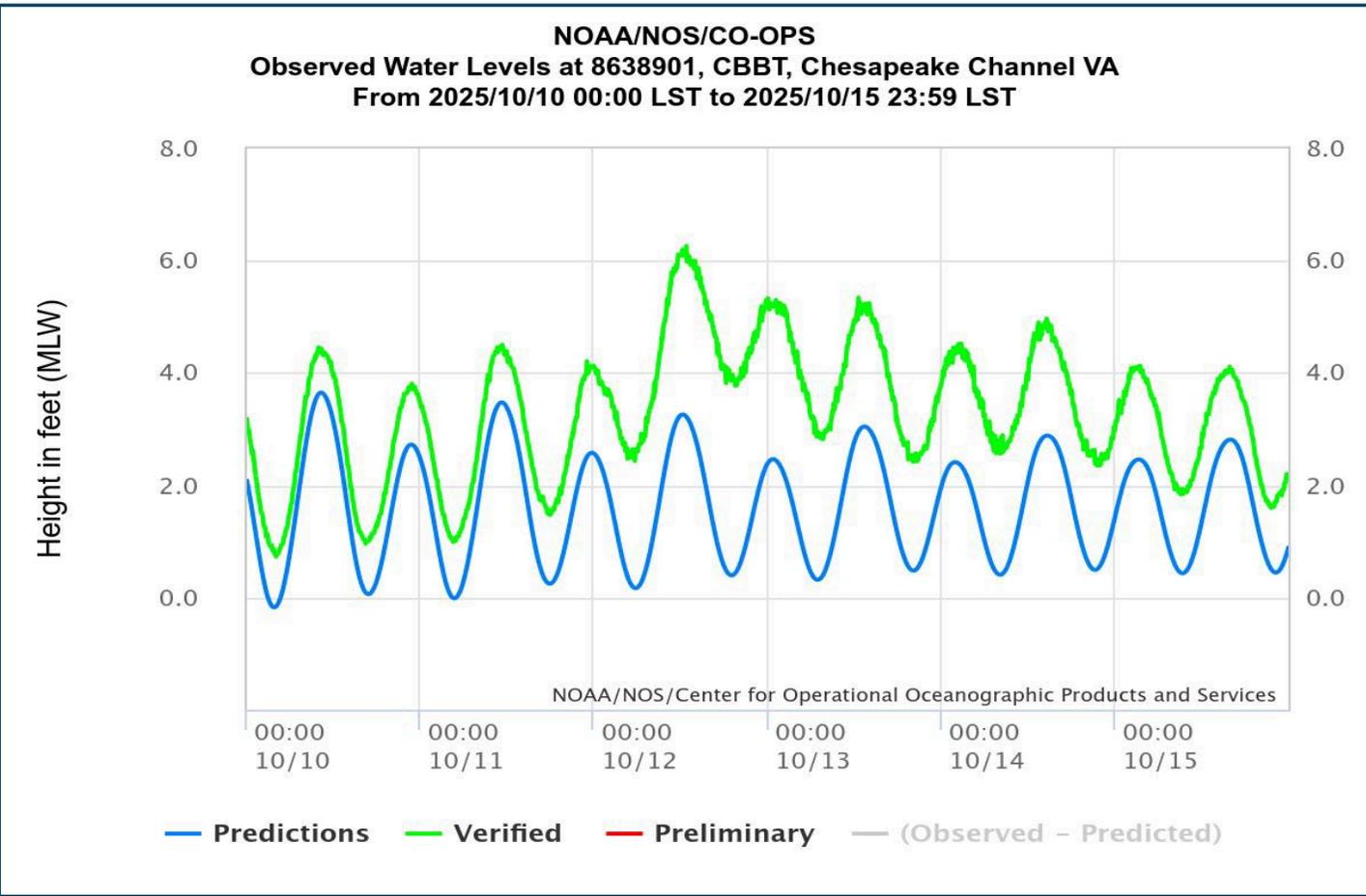
Condition Report for Ocean Park Beach After Recent Storm Events

Bay Advisory Committee
February 19, 2026

2022 Ocean Park Beach Restoration Project Background



2025 October Coastal Storm Summary



- NE storm system off NC/VA coasts between 10/12 & 10/13.
- NE winds from 25-35kt with gusts to 45kts
- Prolonged NE winds allowed tides to rise to 2.5-3.5ft above normal tides.
- Peak water levels occurred during the afternoon of 10/12.
- Storm subsided on 10/13.

2025 October Coastal Storm

Post Storm Observations



Rookery Way
View East
10/14/2025



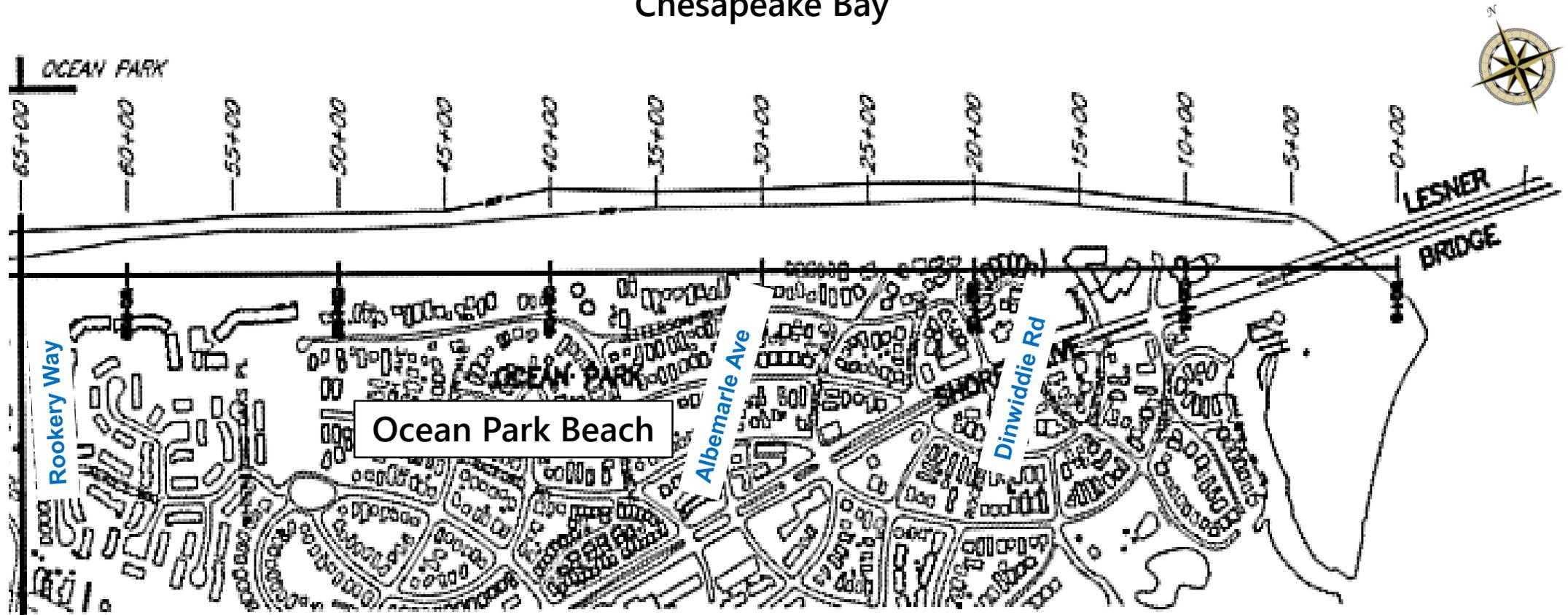
Albemarle Ave
View West
10/14/2025



3556 Shore Dr
View West
10/14/2025

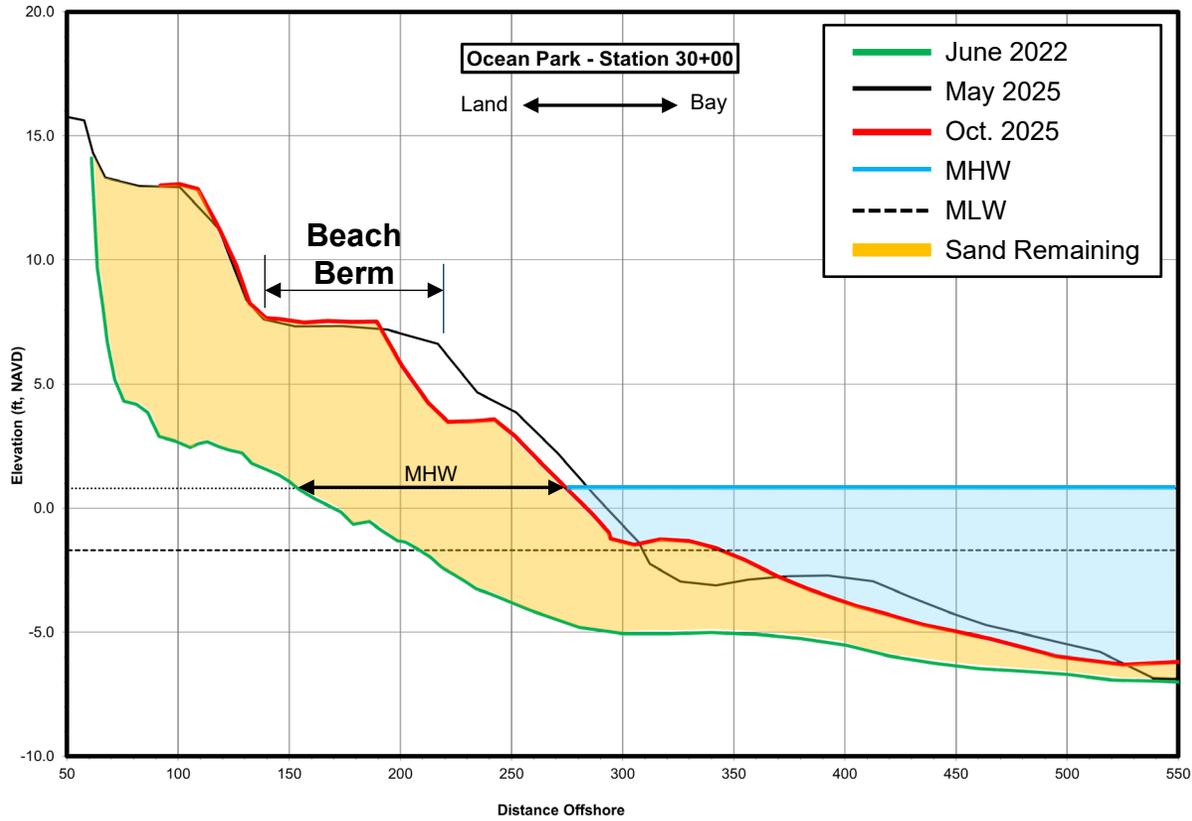
2025 October Coastal Storm Post Storm Beach Profile Survey

Chesapeake Bay

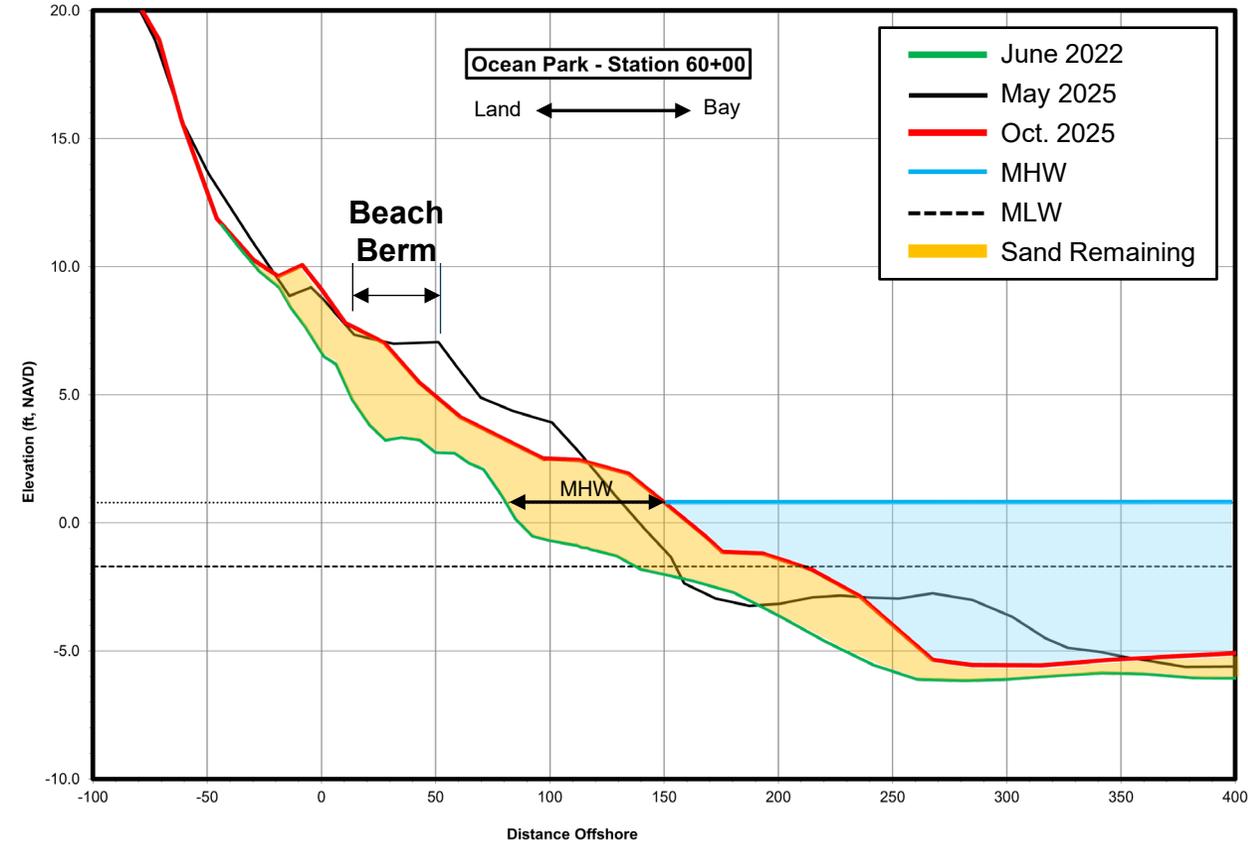


Beach surveyed every 500ft

2025 October Coastal Storm Post Storm Profile Survey



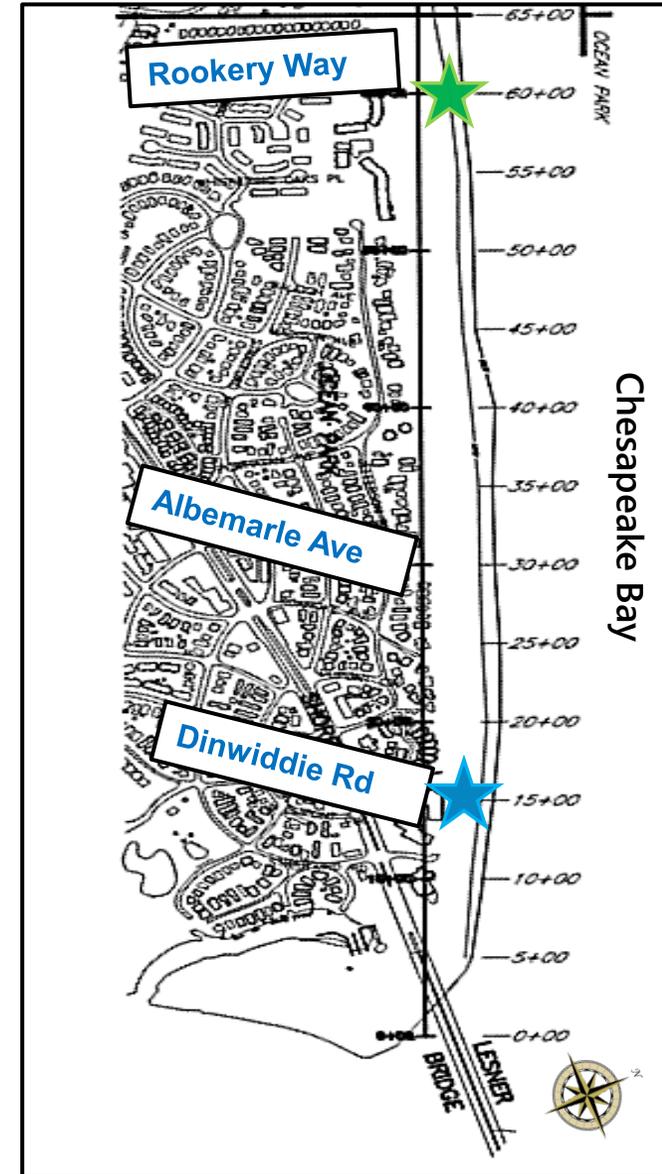
**Albemarle Ave
View West
October 20, 2025 Survey**



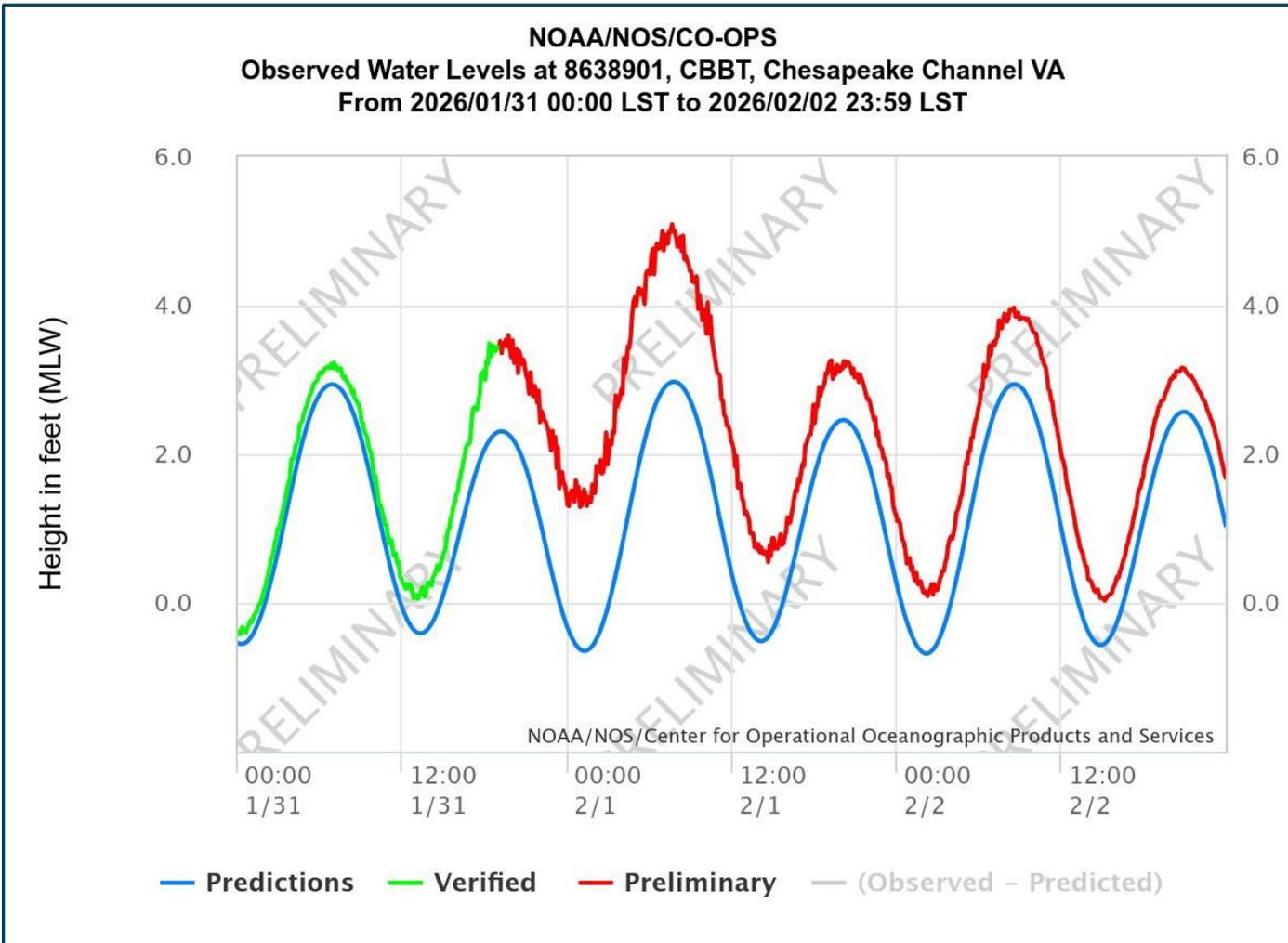
**Water Oaks Condo
View West
October 20, 2025 Survey**

2025 October Coastal Storm Post Storm Profile Survey Summary

- Avg. beach berm loss since May 2025 = 28ft.
- Avg. beach berm position compared to June 2022 = 76ft.
- Avg. Mean High Water (MHW) shoreline loss since May 2025 = 3ft.
 - ★ Largest MHW shoreline loss of 23ft., occurred near Dinwiddie Rd.
 - ★ Largest MHW shoreline gain of 19ft., occurred 300ft E. of Rookery Way.
- Average MHW shoreline position compared to June 2022 = 88ft.
- Majority of the beach sand loss shifted 200ft offshore (i.e., it is still in the system).



2026 Winter Storm Summary



- A winter storm affected Hampton Roads between Jan. 31st and Feb. 1st.
- N winds from 30-35kt with gusts to 45kts.
- Tide levels raised to 1.1-2.1ft above normal tides.
- Peak water levels occurred in the morning of 2/1.
- Storm subsided on 2/1.

2026 Winter Storm Post Storm Observations



Rookery Way
View East
02/13/2026



Albemarle Ave
View West
02/13/2026

3556 Shore Dr
View West
02/13/2026

Ocean Park Beach Replenishment Next Steps



- Dune grass planting is underway by PW Beach Operations.
- Next beach profile monitoring event to occur May 2026.
- Design and permitting effort for the next replenishment to begin by April 2026.
- Next replenishment to occur in late fall 2027.

QUESTIONS?



Image Taken
February 17, 2026