

## Orient Harbor

At 6.0 ft MLLW / 5.3 ft NGVD / 3.2 ft MHHW (10/27/2018)

Due to the astronomically high tides coming off the October 24th full moon, and generally 2 1/2 to 3 1/2 ft of surge from Easterly Gale to Storm force winds ramping up Friday Night into Saturday afternoon. This was the second tide of this event, so tidal piling was a definite factor as well, with 16 ft@10 sec easterly swells.

Orient –[Orient Beach State Park](#) Entrance Drive collapse due to the 10/27/18 storm. The sustained east wind and waves during the early afternoon high tide eroded the embankment and eventually caused the asphalt to collapse. Also see flooding in the picnic area and at the maintenance parking area from the back bays.





At 5.6 ft MLLW / 4.9 ft NGVD / 2.8 ft MHHW

Orient –[Orient Beach State Park](#) lost about 1 mile long X 4'H sand embankment of Gardiner's Bay shoreline along the Entrance Drive during the 3/14/17 storm. Inundation from the bay into the maintenance area. A few of the gabions (small boulders with wire mesh covers) along the Entrance Drive collapsed. The wind and waves are produced minor erosion on the east and south facing shoreline of Gardiner's Bay. Open ocean easterly swells of 15 ft @ 9 sec, with 8 ft seas at 44039. (3/14/2017)



At 5.5 ft MLLW / 4.8 ft NGVD / 2.7 ft MHHW

Southold – Localized minor waterfront street flooding (1/24/2017) (credit Riverhead Patch)



Orient- Moderate erosion along Gardiners Bay (1/23-24/2017) w/ **15-18 ft@ 10 sec e ocean swells and 4-6 ft waves at Central Buoy**. The kayak area was flooded. The western end of Phase 4 Shoreline Project collapsed, and 2 sections of gabions collapsed.







Greenport – Minor Flooding [along bayfront](#)

**At 4.9 ft MLLW / 4.2 ft NGVD / 2.1 ft MHHW**

Orient – [Orient Beach State Park](#) suffered moderate erosion yesterday along the Gardiners Bay shoreline. (1/10/2016) **8-9 ft ocean seas + 4 ft seas on LI Sound**

**At 3.9 ft MLLW / 3.2 ft NGVD / 1.1 ft MHHW**

Orient Harbor - Ferry service was stopped due to inundation of docks around 12-1 pm. **12-15 ft ocean seas + 7 ft seas on LI Sound**

**At 3.0 ft MLLW / 2.3 ft NGVD / 0.2 ft MHHW**

Orient Harbor – Wave splashing over bulkhead at Orient Harbor, due to wave action from S winds peaking at 30g40-45kt. 6.6 ft waves recorded at BOY039 on LI sound. (1/24/2019)



The storm Thursday has caused some strong waves in the waters off Orient Point and Greenport.

[@NWSNewYorkNY](#) #storm #orient #greenport



Greenport Harbor - Wave rolling onto dock at Greenport, due to wave action from S winds peaking at 30g40-45kt. 6.6 ft waves recorded at BOY039 on LI sound. (1/24/2019)



The storm Thursday has caused some strong waves in the waters off Orient Point and Greenport.

[@NWSNewYorkNY](#) #storm #orient #greenport

