

## Kings Point:

### Communities that are most vulnerable to flooding:

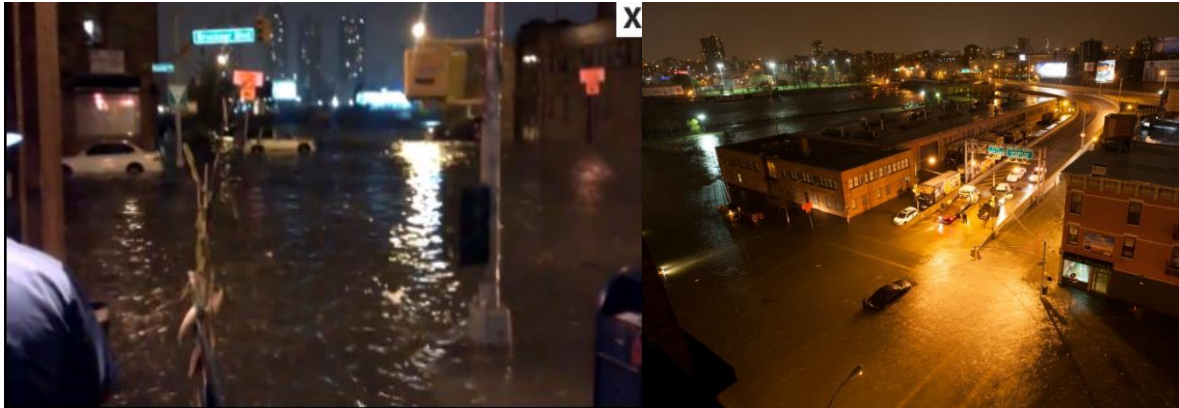
In Westchester: the "sound shore communities" of Rye, Mamaroneck, and New Rochelle

At 14.3 ft MLLW / 6.5 ft MHHW (10/29/2012 10pm)

**Bronx** - 2-4 ft of inundation along Long Island Sound and the East River adjacent portions of communities in areas such as [Harding Park](#), [Port Morris](#), [Mott Haven](#), [Locust Point](#), [Clason Point](#), [City Island](#) and [Edgewater Park](#). Two or more [Harding Park](#) homes and a handful of [Edgewater Park](#) homes were completely destroyed.



Mott Haven - Up to 4 ft of inundation...up to a block and a half inland from [the Harlem River on Bruckner Blvd near Lincoln Blvd and Entrance to 3<sup>rd</sup> Ave bridge.](#)



Port Morris - Warehouses in [Port Morris](#) suffered water damage. Picture below of World Vision.



Throgs Neck – Inundation of [Tierney Place in Locust Point and entrance into SUNY Maritime College](#) from Eastchester Bay and East River with 2 to 4 ft or water. Below is a picture of inundation of an adjacent park.



**Queens-** 3 to 6 ft of inundation occurred in Astoria along the East River. Additionally, 2 to 4 feet of inundation was observed over runway 13 and the northern portion of runway 22 at LaGuardia Airport, with water making it all the way to the terminal building. **Water did not overtop the seawall as in 92 Nor'Easter, as wave action was negligible due to the SE winds during height of storm tide. . Inundation actually occurred hydrostatically, because pumps failed when power went out.**

LaGuardia Airport – Several ft of inundation on the runways...all the way to Terminal C.



**At 14.3 ft MLLW / 6.3 ft MHHW (12/11/1992)**

LaGuardia Airport - Closed due to flooded runways from 1022am Friday until noon Saturday.  
**Inundation occurred from high waves overtopping seawall in a strong E/NE flow.**

Edgewater Park - 200 people were evacuated in Edgewater Park and Silver Beach in Throgs Neck from flooded areas. Beach bungalows were dragged offshore.

City Island – Hundreds evacuated, many by boat. Bridge to island was cut off.

At 13.1 ft MLLW / 5.3 ft MHHW (11/25/1950)

LaGuardia Airport – 1 to 3 ft of inundation on the runways.



At 12.7 ft MLLW / 4.9 ft MHHW (10/29/2012 10am)

[LaGuardia Airport](#) – 1 to 2 ft of inundation on taxiways.



[Douglaston, Queens](#) – Inundation of 1 to 2 ft into [Douglaston Park](#).



**At 12.4 ft MLLW / 4.6 ft MHHW**

Astoria, Queens - Inundation of 1 to 2 ft onto [Shore Blvd](#) in Astoria. (1000-1030am 8/28/2011)

**At 12.3 ft MLLW / 4.5 ft MHHW (10/27/2018)**

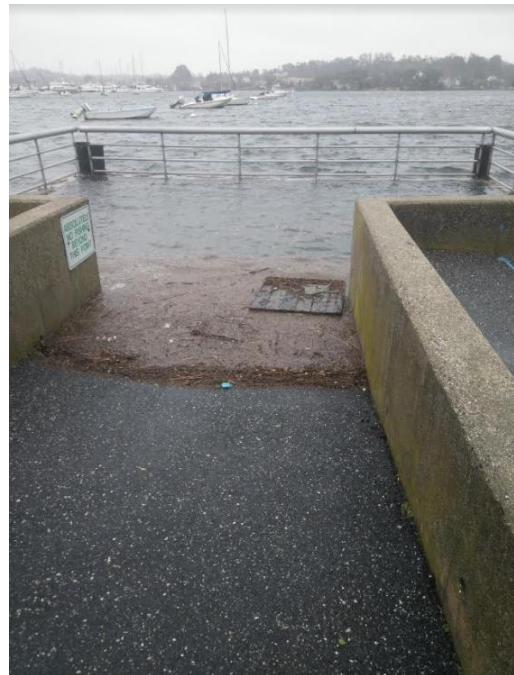
Due to the astronomically high tides coming off the October 24th full moon, and generally 2 1/2 to 3 1/2 ft of surge from Easterly Gale to Storm force winds ramping up Friday Night into Saturday afternoon. This was the second tide of this event, so tidal piling was a definite factor as well, with 5 to 7 ft waves on LI Sound.

Rye, Mamaroneck and New Rochelle - Widespread moderate and locally major flooding in vulnerable coastal areas. Close to if not passing some Irene levels in certain locations. The tide came up quickly along entire sound shore on the Western Sound. The tide came in and stayed in, it did not depart for hours. We didn't begin to see the tide departure till almost 16:00, many hours after the high tide. Vulnerable locations in Rye - [Milton Rd and Hewlett Ave](#), [Kirby Lane at Tide Mill](#), [Pine Island Drive](#), [Stuyvesant Ave near the entrance to the American Yacht Club](#), Mamaroneck - [Orienta section](#), and New Rochelle along the water, had roads become impassable with over 3-4 of standing water. (Pictures along the marina below)





Port Washington -





At 11.8 ft MLLW / 4.0 ft MHHW (12/23/2022 – SE Storm force winds, shifting to S gale before time of high tide)

Edgewater, Bronx – [1st Ave](#) impassable with 1 to 2 ft inundation



City Island, Bronx – Inundation on end of Ditmars Street along Eastchester Bay



At 11.4 ft MLLW / 3.6 ft MHHW

City Island, Bronx (4/3/2024 – E Storm force winds, shifting to NW SCA before time of high tide)  
<https://youtu.be/nAMcvHMCYGU?si=2PS874uVRoUJWr2a>





Flushing, Queens – 1 ft of inundation at the corner of [Linden Place and Whitestone Expressway](#). (1/23/2016) 5 ft waves on Central LI Sound



Locust Point, Bronx – 1 ft of inundation on [Chaffee Avenue along Hammond Creek](#) (1/23/2016) 5 ft waves on Central LI Sound



Throgs Neck, Bronx – Water overtopping seawall onto [Pennyfield Avenue near the SUNY Maritime College](#). (1/23/2016) 5 ft waves on Central LI Sound



Randallfield, Bronx -Water inundating beach and splashing over docks and seawall along sound front adjacent to Shore drive, Dean Avenue and Clarence Avenue. (1/23/2016) 5 ft waves on Central LI Sound

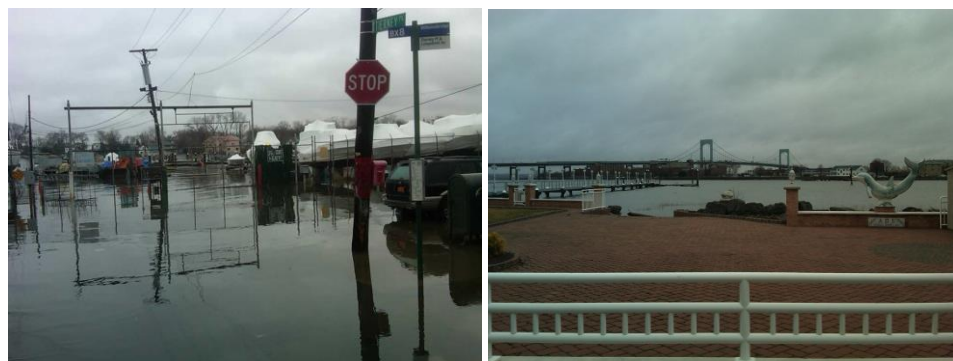


**At 11.2 ft MLLW / 3.4 ft MHHW**

Edgewater Park – Water did not breach seawall...but a south wind will create greater overwash. (Around 1 pm 1/12/2012).



Locust Point – Minor inundation at marina. (Around 1 pm 1/12/2012).



Tierney Place

[Hammonds Cove](#) – Minor inundation at marina. (Around 1 pm 1/12/2012).



At 11.1 ft MLLW / **3.3 ft MHHW**...with 980 mb low and 040-060 gale force ne flow.

[Edgewater](#)– 6 houses evacuated due to flooding. (12/30/1997)

At 10.8 ft MLLW / **3.0 ft MHHW**

Manhattan

(6/4/12 900-1030pm) Inundation on the FDR Drive. Elevated East River waters backed up into the catch basins and storm sewers causing several manholes on the northbound FDR Drive to have their covers moved out of place with water bubbling and pouring out on to the roadway. We had partial road closures on the [FDR Drive in the upper 80's and lower 90's](#) until the waters receded.

(Noon 3/14/17) Inundation on the FDR Drive



Rye, NY –

(6/5/2012 Midnight) Milton Road was closed between [Garden Drive and 688 Milton Road](#) due to flooding, as was [Kirby Lane at the Tide Mill basin](#). (6/5/2012 Midnight)

(Noon 3/14/17) Roadways impassable 1 hour prior to high tide and took 3 hrs to open at...[Milton Rd and Hewlett Ave](#), [Kirby Lane at Tide Mill](#), [Pine Island Drive](#), [Stuyvesant Ave near the entrance to the American Yacht Club](#)

Mamaroneck NY – Minor Moderate flooding In the [Orienta section](#). Breaking waves of 4-6 ft reported, with 6-7 ft waves at Buoy 44040. Water levels remained high at Rye Beach for several hours.(1-2 pm 12/30/2019) (Photos courtesy of Westchester County OEM and SeaTow )





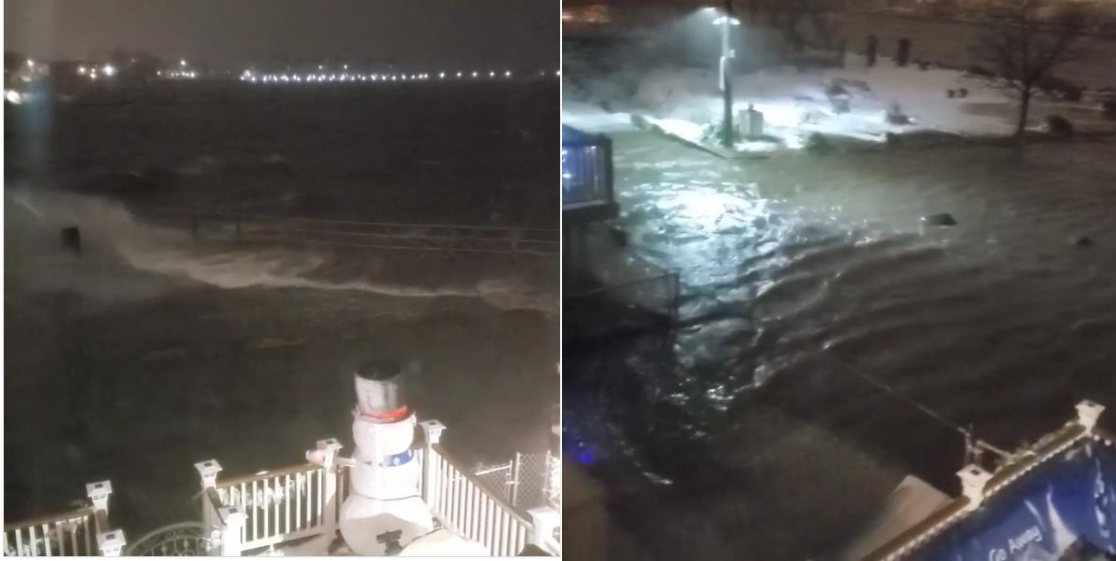
City Island, Bronx NY- Minor flooding on [City Island Road](#) (photo below on left). Minor flooding on [Ditmars Street](#) (photo below on right). Breaking waves of 4-6 ft reported, with 6-7 ft waves at Buoy 44040. (around 2 pm 12/30/2019) (Photo credit: City Island Flood Watch group)



Port Washington - Minor flooding on [Shore Road](#), [Port Washington Estates](#) and [Sunset Park on Main Street](#). No property damage reported. (Noon 3/14/17, 1-2 pm 12/30/2019 )

**At 10.7 ft MLLW / 2.9 ft MHHW**

Edgewater – (12/16/2020) Gale NE winds and 4-6 ft waves in W LIS. 1+ ft of inundation onto boardwalk and adjacent street from elevated water levels and wave action. (report and pictures credit to SRIJB Community Flood Watch Project)



**At 10.2 ft MLLW / 2.4 ft MHHW**

Port Washington - Minor coastal flooding in the area of Port Washington, areas impacted were [Shore Road](#), [Sunset Park on Main Street](#) and [Secor Drive](#). No damage reported. (12/9/2014 around 1pm)

**At 10.1 ft / 2.3 ft MHHW**

City Island, Bronx – [Minor flooding on Ditmars Street](#) (2/8/2016)



**At 10.0 ft MLLW / 2.2 ft MHHW**

Rye- [Milton Road](#) and [Kirby Lane](#) closed at times of high tide (3/9/2013).

**At 9.9 ft MLLW / 2.1 ft MHHW**

City Island, Bronx –

Water about 1 ft below [City Island Rd](#) (12pm 1/25/2020) (Photo credit: City Island Flood Watch group)



Minor Flooding on end of [Ditmars Street](#) adjacent to Eastchester Bay.(12pm 1/25/2020) (Photo credit: City Island Flood Watch group)



Minor flooding starts in [Orchard beach parking lot](#), bubbling up from storm drain. (12pm 1/25/2020) (Photo credit: City Island Flood Watch group)

