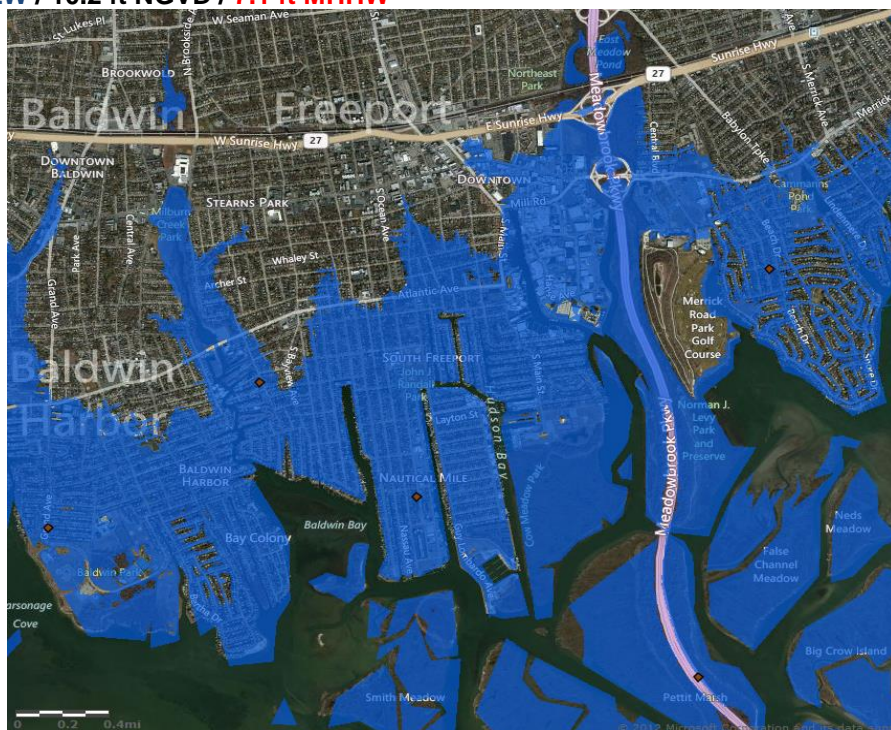


## Freeport:

At 11.7 ft MLLW / 10.2 ft NGVD / 7.1 ft MHHW



Coastal communities along Southern Nassau experienced four successive tidal cycle with at least moderate coastal flooding. Widespread record coastal flooding occurring along the Western Great South Bay exceeding the FEMA 100 year base flood elevations. Peak storm tides surpassed all previously documented high water marks, including the October 31, 1991 and December 11, 1992 nor'easters and the recorded peaks from Hurricane Irene in 2011. The storm tide levels along the Southern Nassau County shore resulted from a peak storm surge of about 8 to 9 feet that coincided with normal high tides. This resulted in up to 3 to 5 feet of inundation of communities in and along Southern Nassau County.

The majority of locations south of Merrick Road and Atlantic Avenue were completely inundated, with waterfront communities along creeks and streams being inundated up to Sunrise Highway. Areas of major residential damage were experienced across low lying areas such as Inwood, Meadowmere Park, Bay Harbor, Island Park, Baldwin Harbor, Freeport, and Massapequa.

At 8.9 ft MLLW / 7.4 ft NGVD / 4.3 ft MHHW

East Rockaway- Canal overflows along West Boulevard in Bay Park with several feet of water into street and adjacent houses. (645 a.m 8/28/2011)

Seaford- Canals overflow with a few feet of water inundation into houses and street on either side. (800 am 8/28/2011)

Freeport – Water up to the street near the tide gauge. (557 am 8/28/2011)

3 ft of water inundation on North end of Nautical Mile (830-900 am 8/28/2011)

Buffalo Ave at Merrick Rd impassable due to flooding. (Freshwater/Coastal flood)(917 am 8/28/2011)


[Bellmore](#) – Merrick Rd south is inundated...water up to 4 ft deep in Bellmore.(1015am 8/28/2011)

[Wantagh](#) – Roads closed from [Mandalay School to Seaford Harbor](#). (1050 am) (8/28/2011)

at **8.5 ft MLLW / 7.0 ft NGVD / 3.9 ft MHHW** (12/23/2022)

24 hrs of NE>ESE Gales, followed by S Gales thru time of high tide. The most prominent impacts occurred from a storm surge of 3 (locally 4 ft in back bays), coinciding with an astronomically high tide (perigean spring tide) on the morning of Dec 23rd. This resulted in widespread moderate to major coastal flooding along our coast, with communities in and around Hempstead Bay and Great South Bay in southern Nassau and Jamaica Bay in southern Queens approaching water levels reached during TS Irene! Widespread inundation of 2 1/2 to 3 1/2 ft was experienced in these areas, resulting in numerous impassable roads, basements of homes flooded, and water damaged cars. In addition, several coastal communities away from the immediate coast that don't normally flood were affected as well with 1 to 2 1/2 ft of inundation,

[Freeport](#)- Widespread 2 to 3 ft of inundation for roads south of Atlantic Ave. Pics- [Nautical mile](#) (top row, (Bronco's on top left)), Guy Lombado (Bottom)

 **Kristin Thorne**   
@KristinThorne · Follow 

Freeport is a mess right now. Flooding everywhere.

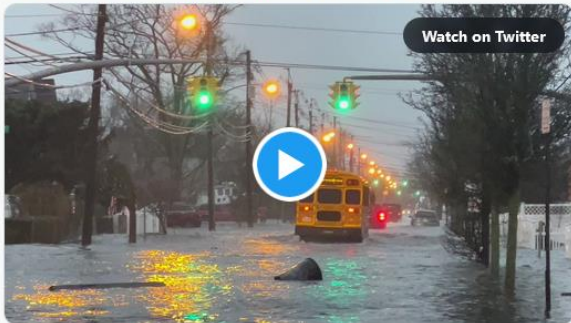


8:14 AM · Dec 23, 2022



 **Nicholas Isabella**   
@NycStormChaser · Follow

That was an hour ago on Guy Lombardo Avenue just off Atlantic Avenue. This is right now, same location.



7:17 AM · Dec 23, 2022





[East Ave](#) and [Cedar St](#) (top), [South Long beach Ave](#) (middle), [Branch Ave](#) (Bottom)



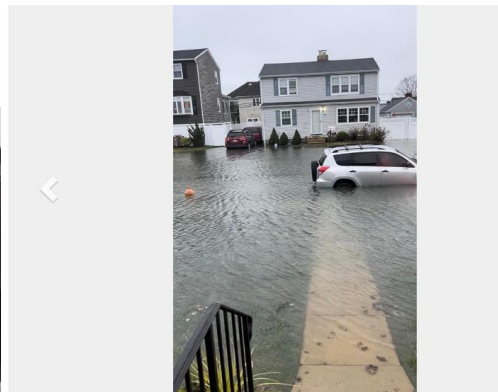
Flooding on East Ave in Freeport on Friday. Credit: Howard Schnapp



12-23-2022 Freeport, New York - Major Coastal Flooding



BUS CREATES RIPPLING FLOOD WATERS



Flooding became severe in the Freeport area, with many residents finding their vehicles and property submerged. NICOLAS SULLY

Bellmore/Merrick – Residents living directly on the water shared photos and videos of the canals inundating with 1-2 ft of water into streets and properties. Streets such as Sunrise Avenue, Legion Street, Shore Road, and South Centre Avenue, among several others, were affected. The flooding caused the temporary closures of parts of the Meadowbrook and Wantagh State parkways



Flooding near Shore Road in Bellmore.

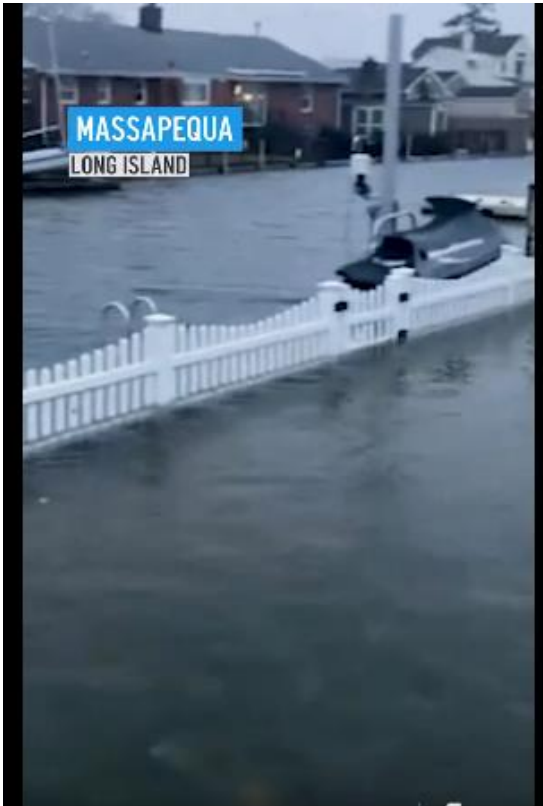


Water seeped into a backyard near South Centre Avenue.





Massapequa –



Oceanside –



at 7.9 ft MLLW / 6.4 ft NGVD / 3.3 ft MHHW (01/13/2024)

3 to 3 1/2 ft surge from SE gales subsiding to S/SW SCA during time of high tide, on top of astronomically high tide.

Freeport –



Miller Avenue (News 12)



Merrick Rd – Freeport Business District (News 12)



Woodcleft and Front St



Guy Lombardo – John Randall Park



at 7.7 ft MLLW / 6.2 ft NGVD / 3.1 ft MHHW (01/09/2024)

Freeport-





Wantagh



at 7.5 ft MLLW / 6.0 ft NGVD / 2.9 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.

Freeport – 1+ ft of inundation at [intersection of Front Street and Guy Lombardo Blvd](#) (Top left) and at [Intersection of Front Street and Woodcleft](#). (Top right), [Nautical mile](#) (middle 2 rows), and intersection of [Ocean Ave and Richmond St](#)







Island Park - Minor inundation at the [intersection on Trafalgar Blvd and Austin Blvdn](#) (top left), and intersection of [Austin Blvd and California Ave](#) (top right), and canal front areas on Austin Blvd (bottom).





Long Beach – Minor flooding along [Bay Drive](#)

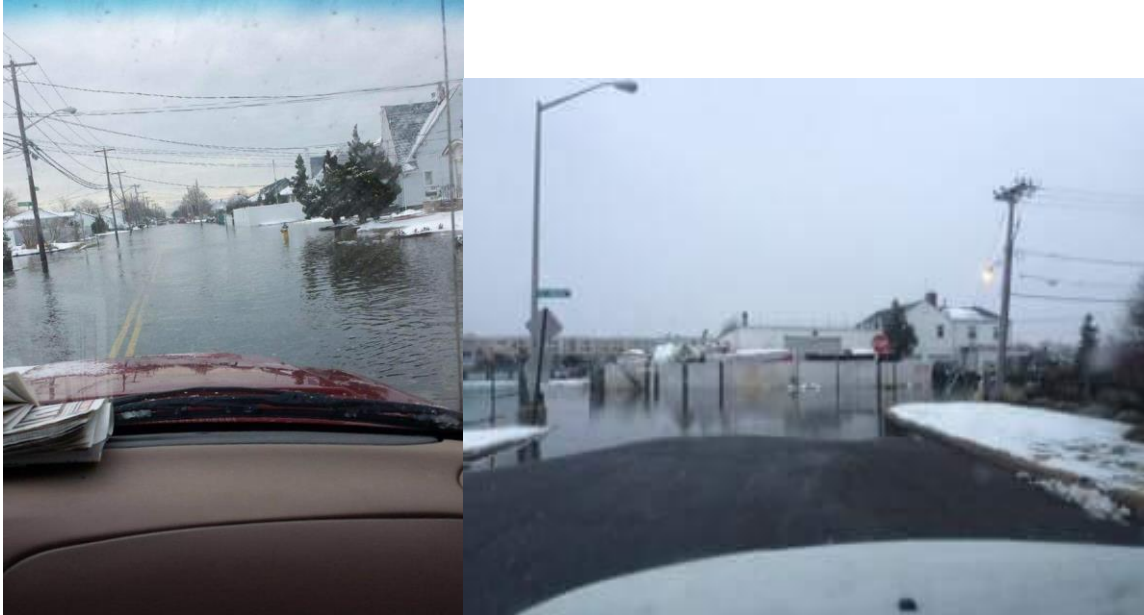
at 7.3 ft MLLW / 5.8 ft NGVD / 2.7 ft MHHW (2/8/2016)

Freeport – 1 to 2 ft inundation on the [south end of Miller Avenue](#)



1 to 2 ft inundation on the [North end](#) (L) and [South end](#) (R) of Guy Lombardo Avenue. (2/8/2016)





Freeport/Merrick - NYSDOT reported flooding at the [southbound Meadowbrook Parkway ramp M9E that goes to eastbound Merrick Road](#). That is at the southwest side of the cloverleaf interchange there, and is near the north end of the Meadowbrook River that empties into the bay.

East Rockaway – 1 to 2 ft flooding on [Lawrence Street](#). (2/8/2016)



At **7.2 ft MLLW** / **5.6 ft NGVD** / **2.5 ft MHHW** (12/18/2023)

Freeport-

Guy Lombardo –

- Ottos Sea Grill - Heavy rain, wind and water from the storm flooded into the kitchen, the bar area and the dining room.
- Jeremy's Ale House - A bartender told News 12 the storm left behind about 6 inches of floodwater.



### Meadowbrook Pkwy

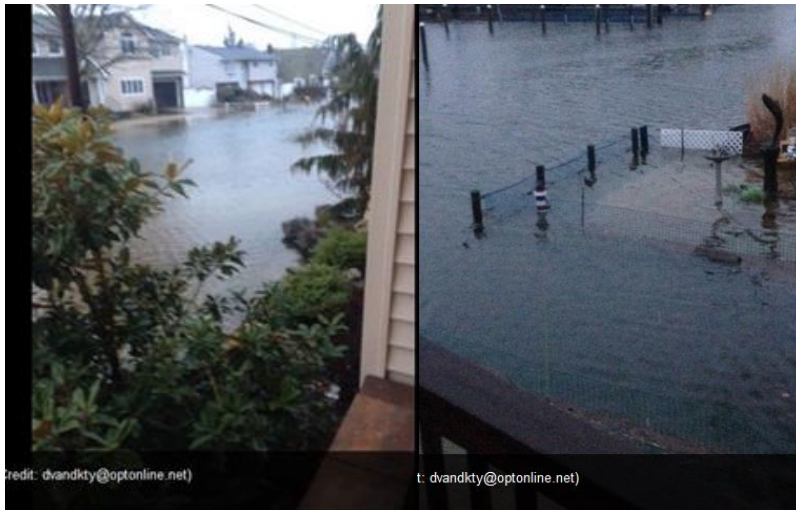
There was minor flooding in the [Meadowbrook Parkway/ Merrick Road interchange](#). Meadowbrook south of Merrick Road also had water come to the edge of the road but didn't get on the road. No damage was observed at either location.

### Wantagh Pkwy

There was coastal flooding on [Wantagh SP by Bay Blvd](#) that cleared quickly

at **7.1 ft MLLW / 5.6 ft NGVD / 2.5 ft MHHW**  
[Massapequa](#) -1 to 2 ft of inundation on [Delta Rd.](#) (1/24/2017)





1 to 2 ft of inundation in [Nassau Shores](#) (1/24/2017)





**at 7.0 ft MLLW / 5.5 ft NGVD / 2.4 ft MHHW**

Roads inundated and impassable at [Woodcleft Ave](#) and [Front St](#). Water up to doors of commercial buildings. Some business along Woodcleft Ave flooded.

A few feet of water on [Hudson Ave](#).

Several streets on the [nautical mile](#) under water...most impassable. (10/18/2009)



**at 6.9 ft MLLW / 5.4 ft NGVD / 2.3 ft MHHW**

Widespread inundation [south of Atlantic Avenue in Freeport](#). Large lakes as far north as Merrick Rd with water coming up from the sewers and manholes. Water bubbling up from storm drains as far north as Sunrise Hwy. Several stalled vehicles in water nearly 2ft deep at intersections. (6/4/2012 800-1000pm)

**at 6.8 ft MLLW / 5.3 ft (NGVD) / 2.2 ft MHHW**

Minor Inundation at end of [Guy Lombardo Ave](#) (5/6/2016)





**at 6.5 ft MLLW / 5.0 ft (NGVD) / 1.9 ft MHHW**

Widespread inundation [south of Atlantic Avenue in Freeport](#). Roads were impassable...but water quickly receded with tides. (12/9/2014 10am)

In Freeport, Mayor Robert Kennedy took to his car to check for flooding and other damage Monday night. Along [Hudson Avenue](#), one of Freeport's most flood-prone streets because of canals on both sides, water had topped bulkheads and the curb-line by 6:30 p.m. Water at [Hudson Avenue and Martha Street, Kennedy estimated, had risen between 12 and 15 inches..](#) (1/23/2017)

**at 6.4 ft MLLW / 4.9 ft (NGVD) / 1.8 ft MHHW**

Coastal flooding north of the Jones Beach circle on the [Wantagh State Parkway at Bay Parkway](#). (2/27/2013 900am)

**at 6.1 ft MLLW / 4.6 ft NGVD / 1.5 ft MHHW**

Flooding at [Jones Beach Amphitheater](#) at (8/12/10 1110 pm)

