# **Rockaway Inlet at Floyd Bennet Field**



## at 11.6 ft MLLW / 9.8 ft NGVD / 6.0 ft MHHW (10-11pm 10/29/2012)

In southwest Brooklyn; the shoreline communities including <u>Sea Gate</u>, <u>Coney Island</u>, and <u>Manhattan Beach</u>, experienced significant inundation from storm tide and wave action. Numerous homes in this area experienced major structural damage. Inundation extended inland to <u>Avenue X into Bensonhurst</u>, <u>Gravesend and Sheepshead Bay</u>, shutting down the Belt Parkway. In southeast Brooklyn, the hardest hit areas were <u>Gerritsen Beach</u>, <u>Floyd Bennet</u>, <u>Bergen Beach</u>, <u>Mill Basin</u>, <u>and Canarsie</u> due to inundation from Jamaica Bay and Rockaway Inlet several blocks inland.

Across the <u>Rockaways</u>, up to 4 and 7 feet of inundation was exhibited over the peninsula due to surge from Jamaica Bay on the north side and from surge and wave action from the Atlantic Ocean on the south side. Widespread major damage was experienced across the entire length of the Rockaways, with numerous homes and businesses in <u>Breezy Point</u>, <u>Arverne-Edgemere</u> and <u>Seaside</u> experiencing complete destruction. Atlantic Ocean facing shoreline structures, such as boardwalks and several oceanfront homes were destroyed due to runup and setup on top of storm tide from high wave action of at least 10 to 15 feet from the Atlantic Ocean.

Belt Parkway - Several feet of inundation on Belt Parkway Eastbound by the Verrazanno



<u>Gerritsen, Brooklyn</u> – several ft of inundation at <u>Brigham St and Emmons Ave.</u> and at <u>Knapp St</u> and <u>Belt Parkway</u>



Coney Island, Brooklyn – Several ft of inundation from storm tide and wave action



Breezy Point, Queens -



## at 10.7 ft MLLW / 8.9 ft NGVD / 5.1 ft MHHW (Dec 1992 Nor'Easter)

<u>Belt Parkway</u> – Sections closed along the length of the parkway due to flooding. Even near the Verrazanno Bridge

<u>Coney Island</u> – About 100 ft of <u>Steeplechase Pier</u> washed away. <u>Ocean Parkway and Nepture Avenue</u> closed due to flooding.

<u>Sea Gate</u> – Almost every home in the neighborhood suffered flood damage. Several were completely destroyed.



<u>Breezy Point</u> – Extensive flood damage across neighborhood. Several homes completely destroyed.

#### at 9.4 ft MLLW / 7.6 ft NGVD / 3.8 ft MHHW

<u>Coney Island, Brooklyn</u> – <u>Several harbor facing streets underwater</u>. <u>Subway train storage yard</u> underwater (800-830am 8/28/2011)

<u>Sheepshead Bay, Brooklyn</u> – <u>Belt Parkway eastbound at Knapp Street</u> closed due to flooding. (Freshwater/Coastal) (844am 8/28/2011)

<u>Rockaways, Queens</u>- Inundation onto several main streets. Two feet of water in the middle of <u>Rockaway Beach Boulevard</u>. (830 am 8/28/2011)

The <u>Belt Parkway was closed in both directions from Bay 8th Street to Bay Parkway</u> due to coastal flooding. (830 am 8/28/2011)

#### at 8.5 ft MLLW / 6.7 ft NGVD / 2.9 ft MHHW

On the evening of March 13th. The <u>Belt Parkway was closed in both directions from Bay 8th</u> <u>Street to Bay Parkway</u> due to coastal flooding. Storm surges left thick ocean debris along <u>Shore</u> <u>Blvd. near Exeter Street</u> as well as Holocaust Memorial Park

<u>Manhattan Beach</u> – Minor Flooding on <u>Shore Blvd and Amherst St</u>. (2/8/2016) <u>Seagate</u>- Minor flooding on <u>Mermaid Avenue and West 25<sup>th</sup> St</u> (2/8/2016)

<u>Breezy Point</u>- Overwashes into onto <u>Bayside Avenue</u> and adjacent properties in Roxbury Sections of Breezy Point (2/8/2016)

