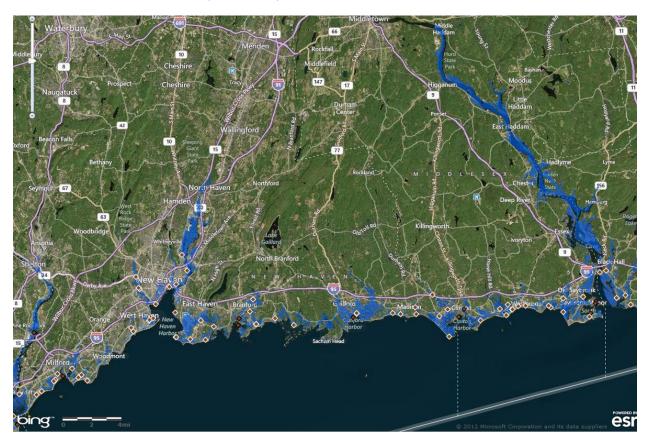
#### **New Haven**

# At 12.3 ft MLLW / 5.6 ft MHHW (10/29/2012)



Coastal communities along Southern New Haven County experienced two successive tidal cycles with at least moderate coastal flooding on Monday October 29th. The peak of this surge occurred Monday Night as Sandy made landfall in Southern New Jersey, with widespread major coastal flooding occurring along the Southern New Haven coast. Peak storm tides surpassed water levels from Hurricane Irene in 2011. The record storm tide levels along Western Long Island Sound resulted from a peak storm surge of about 7 to 9 feet that coincided with normal high tides. These storm tides resulted in up to 2 to 5 feet of inundation several blocks inland along Long Island Sound, with a few feet of inundation working north of I-95 in several spots along waterways such as the Housantonic River in Milford, the West River and Quinnipiac River in New Haven, Branford River in Branford, and East River in Guilford.

The most widespread major damage occurred along soundfront communities in Milford and East Haven. Several soundfront homes were completely destroyed in <a href="Momaguin in East Haven">Momaguin in East Haven</a> and <a href="Milford Lawn">Milford Lawn</a>, <a href="Momaguin in East Haven">Morningside</a>, <a href="Walnut Beach">Walnut Beach</a>, and <a href="Milford Beach">Silver Beach</a> in Milford. Smaller pockets of major damage also occurred in the soundfront communities of <a href="Guilford Harbor">Guilford Harbor</a> and <a href="Momaguin in East Haven">Shell Beach</a> areas of Guilford, <a href="Maybook Manor">Saybrook Manor</a>, <a href="Clinton Harbor">Clinton Harbor</a>, and <a href="Westbrook">Westbrook</a>.

#### at 11.6 ft MLLW / 4.9 ft MHHW

<u>East Haven</u> – Several beach front homes suffered extensive damage from storm surge on <u>Cosey Beach Ave</u>. Estimated 4 to 8 ft of surge. 2 dozen homes damaged with 4 completely destroyed. (1000am 8/28/2011)





Road closed due to flooding on <u>corner of Coe Rd, Hemmingway Rd, and Short Beach Rd</u> due to Farm River Flooding. Water was up to 4 ft deep due to combined surge and heavy rainfall. Significant inundation in <u>Short Beach section</u> with a lot of damage on Little Bay Lane and Beckett Avenue and surrounding streets. Several feet of inundation estimated.

<u>New Haven</u> – Inundation of several feet of water onto <u>Longshore Drive</u> from LI Sound impassable.

1 to 2 ft of inundation across <u>Long Wharf Drive and surrounding properties...including IKEA</u> shopping center. (1000-1100am 8/28/2011)

West Haven - Heavy damage was sustained to several coastal properties in <u>Savin Rock</u> due to storm surge. (1000am 8/28/2011)

<u>Guilford</u> – 2-3 ft inundation into roadway/properties surrounding corner of <u>Water Street & River Street along the West River</u>. (Coastal flood/freshwater) (1000-1100am 8/28/2011)

<u>Branford</u> – Several feet of inundation over <u>Linden Avenue</u> into neighboring properties. Combined wave action caused severe erosion and undermining of roadway with significant damage to about one dozen properties.

2 to 4 ft of inundation across the Pine Orchard Section of Branford.

Along <u>Seaview Avenue</u> several houses were flooded out with up to 6 ft or surge.(1000-1100am 8/28/2011)

#### **At 10.2 FT MLLW / 3.5 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.

Milford - Several incidences of street flooding. One street in particular, Field Court had approximately 4' of water (as determined by photos of inundated autos. Field Court parallels Long Island Sound, with one row of houses and a sand beach separating. Field Court is low lying and experiences regular flooding during lunar high tides (typically 6"-12"), But this time the Sound overtopped the beach. It also overtopped Bayview Beach with the waters running westerly along Bayshore Drive then southerly along Westland Avenue to join the flood waters at Field Court.

Significant flooding around <u>Bayview Beach</u> with 3-4 ft of water on some roads near the beach (credit report and pic to WTNH).



<u>West Haven</u> - <u>Spring Street</u> near the West Haven-New Haven line and the West River flooded and was closed, with the occupants of one car needing assistance to get out

New Haven - Flooding at the Middletown Avenue Bridge, where we frequently get flooding.

<u>East Haven</u> - <u>Cosey Beach Avenue was flooded in parts from First Avenue to Phillip Street</u>, as was the perennial flood zone at Shore Beach Road where it meets Hemingway and Coe avenues

<u>Branford</u> - Several areas were impassable, included <u>Sybil and Linden avenues near Lenny's</u>, <u>Arc Road off Tabor Drive</u>, the <u>South Montowese bridge</u> and two bridges in the Stony Creek section along Thimble Island Road and Leetes Island Road.

Indian Neck section of town had water on <u>Rt 146 near Linden Shores Ave (about 1.5-2 feet of water) near the Lenny's Restaurant.</u>

Stony Creek had flooding downtown near the Post Office (credit report and pic to WTNH).



Guilford- Rt 146 was closed with 2ft of swiftly flowing water by Meadow St

<u>Madison</u> - A little water over some coastal streets. One road closed.

<u>Westbrook</u> - Significant flooding around the <u>town beach and harbor</u>. <u>Old Mail Trail</u>, was closed. (credit report and pic to WTNH).



## At 10.1 FT MLLW / 3.4 ft MHHW

(1/13/2024)

(12/23/2022 – SE Storm force winds, shifting to S gale before time of high tide. 3 to 5 ft breaking surf during time of high tide)

New Haven - Middletown Avenue impassable





#### Fair Haven -

Flooding at intersection of <u>Haven and Clay Streets</u> (UL), on <u>end of Lloyd Street</u> (UR), <u>Front Street</u>

(ML), and Quinnipiac River Park (MR), and Criscuolo Park (LL)

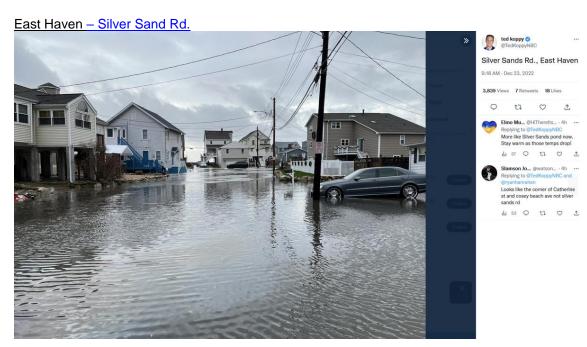




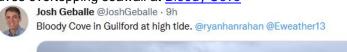








<u>Guilford</u> – Waves overtopping seawall at <u>Bloody Cove</u>





<u>Clinton</u> – <u>Clinton's Cedar Island</u> town docks under 1 to 2 ft or inundation. (credit @LindaD16)







# <u>Westbrook</u> – Minor to moderate flooding on <u>Seaside Avenue at Westbrook Town beach</u>. (11/16/2019)

Old Mail Trail and adjacent properties in Westbrook inundated by 1 ft of water (12/23/2022)

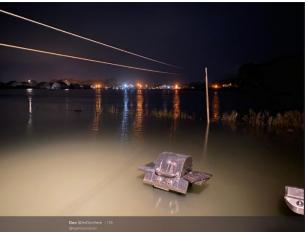


Carl Richards @candlepincarl · 7h .... @ryanhanrahan @gilsimmons Old Mail Trail in Westbrook. And yet they still build and rehab homes here.



(Photos courtesy of NBC4 CT)







# At 9.6 ft MLLW / 2.9 ft MHHW

East Haven - 30 homes surrounded by water in East Haven, CT. (6/5/2012 1215am)

# at 9.4 ft MLLW / 2.7 ft MHHW

East Haven - Water up to car windows on Cosey Beach Ave (330am 12/27/2010)

 $\underline{\text{Milford}}$  – Several neighborhood roads in  $\underline{\text{Silver Sands Beach}}$  had 2-4 feet of inundation (3/14/2017)



Old Saybrook - Motorist was rescued by the fire department in Old Saybrook on Rt 154. (3/14/2017)

## at 9.2 ft MLLW / 2.5 ft MHHW

<u>New Haven</u> - at (1218pm 9/28/11) 2-3 ft of flooding on <u>Middletown avenue in front of Petrillos</u> <u>Used Auto Parts...just E of Quinnipiac River</u>.

# at 9.1 ft MLLW / 2.4 ft MHHW

Milford – Wave action at Woodmont...090-100 25-30g30-40 kt...7 ft seas (2/27/2014)



## At 9.0 ft MLLW / 2.3 ft MHHW

Guilford-

Flooding on Old Quarry Road. (9am 3/09/2013)



Railroad underpass near the Guilford/Branford border. on Rt 146. If this is flooded, there are at least two or three other low points on 146 west of this and east of Stony Creek that were also flooded.



Flooding of the causeway on Rt 146 at the West River in Guilford



The Guilford town dock and marina parking lot were flooded.

Minor flooding at Chimney Corner in Sachems Head.

## At 8.9 ft MLLW / 2.2 ft MHHW

<u>Guilford</u> – 1-2 ft of inundation near <u>the boat ramp at Neck Road in Guilford</u>...adjacent to Guilford Harbor. (330pm on 12162007)



<u>Branford</u> – 6 to 9 inches of inundation in about 4 spots along <u>Route 146 from Stony Creek in</u> <u>Branford to West River in Guilford</u>. Picture below from a chronic flooding spot just west of <u>railroad underpass on Route 146</u>.



#### At 8.8 ft MLLW / 2.1 ft MHHW

<u>Milford</u> - Widespread inundation of streets and basements on <u>Melba and Bayshore Blvd</u> due to inundation from Calf Pen Meadow creek.

## At 8.6 ft MLLW / 1.9 ft MHHW

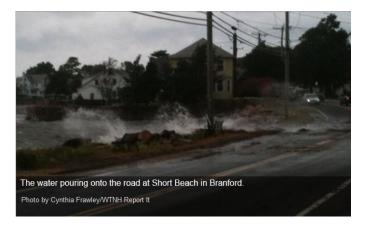
<u>East Haven</u> – About 1 ft of inundation on <u>Ellis Road</u> due to combination heavy rain and high total water levels. (9/18/2012 around 1 pm)



Branford - Minor inundation at Bruce and Johnson's West. (9/18/2012 around 1 pm)



Water overwashing onto Short Beach Road. (9/18/2012 around 1 pm)



Inundation onto Route 146/Limewood Ave. Picture below is about 2 hrs & 2.5 ft before high tide. 5.31 ft with 3-4 ft waves. (11/27/2013 330am)



<u>Milford</u> – Minor inundation of <u>Westland Ave and Bayview Beach</u>. This is tidal levels in combination with 3ft seas in central sound and 20-25 kt southerly winds. (9/18/2012 around 1 pm)



New Haven – Minor inundation of Middletown Avenue. (10/19/2012 around 350 pm)



<u>Guilford</u> – (5 ft waves on se flow) Minimum flooding observed at <u>the Rt. 146 causeway over the West River</u>, approximately 45 minutes after high tide. Some flooding noted on <u>Old Quarry Road</u>. Using Old Quarry Road as a proxy, probable flooding at <u>railroad underpass on Rt. 146 west at Guilford Branford boarder</u>, and a couple of dips on <u>Rt 146 east of Stony Creek</u>. (11/27/2013 6am)

# at 8.3 ft MLLW / 1.6 MHHW

<u>Milford</u> – Waves begin overtopping seawall protecting properties along Point Beach Drive. (5/25/2017) (pics courtesy of @gilsimmons @StormFurey)





<u>Madison</u> – Minor inundation along <u>beachfront</u> (2-3ft waves of Central LIS) (10/30/2017)(credit WTNH NBCCT)

