



Tropical Storm Hermine Weather Briefing 9

Prepared 5:30 pm EDT Sunday, September 4, 2016

NOAA's National Weather Service
New York, NY Forecast Office



What's Changed Since our Last Update?



Hermine Continues on a Path Further Southeast

- Hermine was around 330 miles southeast of Montauk Point. Tracking further southeast will lead to Strong – But lighter winds and Less But Still Significant storm surge through Monday night.

Current Warnings and Watch Include

- **Tropical Storm Warning** for Tropical Storm Force winds at all coastal areas in Southeast NY, Northeast NJ, and Connecticut.
- **Prototype Storm Surge Warning CANCELLED for the NJ Coast**
- **Prototype Storm Surge Watch CONTINUES FOR ONLY LONG ISLAND; CANCELLED FOR ALL OTHER COASTAL AREAS INCLUDING NEW YORK CITY**



Important Points



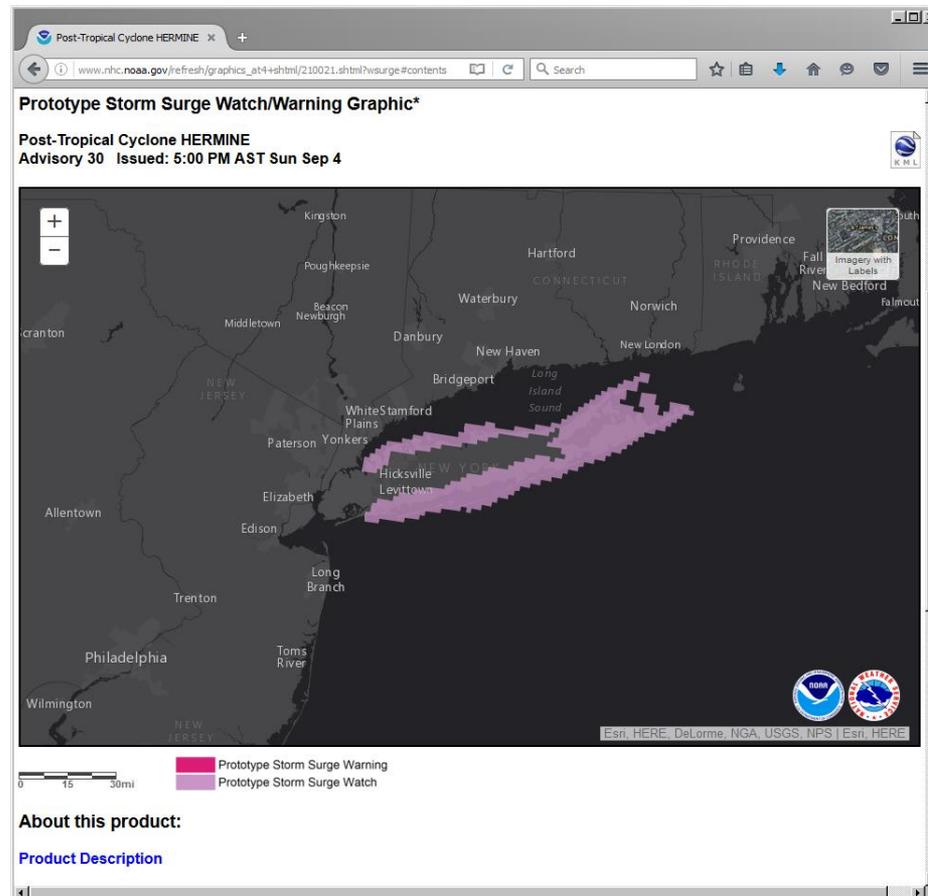
- Hazardous conditions from the storm may be felt outside of the “cone of uncertainty” of Hermine’s track.
- **While under a Tropical Storm Warning, Surge forecasts will be included in the Hurricane Local Statements** and Point-and-Click forecasts. Surge forecasts will also be discussed in our Area Forecast Discussions.
 - At this time, we will not be issuing Coastal Flood Watches and Warnings.



Prototype Storm Surge Watch/Warning Map



Remember to check these new NHC Graphics



9/4/2016



Coastal Hazards Summary



- **What Has Changed Since Last Forecast?-**
 - A farther southeast storm track resulting in lower surge forecasts
 - If Hermine continues its eastward track, the surge will be even lower.
- **Potential for Minor Tidal Flooding Tonight and Widespread Moderate to locally Major Tidal flooding during times of high tide on Monday across Long Island.**
- **Reasonable worst case scenario if max surge coincides with time of high tide**
 - **Widespread Moderate Coastal Flooding of 1 to 3 feet of inundation above ground level for Long Island's Coastal communities during Monday.**
 - **Isolated Moderate Flooding possible along the Atlantic Ocean south shore bays in Brooklyn and Queens during high tides on Monday.**
- **Battering High Surf (8-12 ft) causing Significant Dune Erosion and Localized Overwashes Monday through Tuesday.**
 - Of particular concern is potentially life threatening enhancement of surge flooding by wave action across dune compromised oceanfront communities from Fire Island to Long Beach westward to the Rockaways.
- **Life Threatening Rip Currents**



Worse Case Scenario Water Level Forecasts (If peaks surge occurs at high tide)



NY HARBOR WATER LEVELS FOR TONIGHT

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
The Battery NY	1118 pm	8.1-8.7	3.0-3.6	Minor-Moderate
Bergen Point NY	1006 pm	8.5-9.1	3.0-3.6	Moderate

NY HARBOR WATER LEVELS FOR MONDAY

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
The Battery NY	1149 am	8.2-8.8	3.1-3.7	Minor-Moderate
Bergen Point NY	1142 am	8.6-9.2	3.1-3.7	Moderate



Worse Case Scenario Water Level Forecasts (If peaks surge occurs at high tide)



SOUTH SHORE BAY WATER LEVELS FOR TONIGHT

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
Freeport NY	1123 pm	6.7-7.3	2.3-2.9	Moderate-Major
Point Lookout NY	1026 pm	7.1-7.7	2.5-3.1	Moderate
Rockaway Inlet NY	1045 pm	8.4-9.0	2.8-3.4	Moderate
Lindenhurst NY	106 am	3.9-4.5	2.4-3.0	Moderate-Major
Jamaica Bay NY	1125 pm	8.8-9.4	2.9-3.5	Moderate
E Rockaway NY	1039 pm	7.5-8.1	2.5-3.1	Moderate

SOUTH SHORE BAY WATER LEVELS FOR MONDAY

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
Freeport NY	1153 am	6.8-7.4	2.3-2.9	Moderate-Major
Point Lookout NY	1056 am	7.2-7.8	2.6-3.2	Moderate
Rockaway Inlet NY	1115 am	8.5-9.1	2.9-3.5	Moderate
Lindenhurst NY	136 pm	4.0-4.6	2.5-3.1	Moderate-Major
Jamaica Bay	1155 am	8.9-9.5	3.0-3.6	Moderate
E Rockaway NY	1109 am	7.6-8.2	2.6-3.2	Moderate



Worse Case Scenario Water Level Forecasts (If peaks surge occurs at high tide)



EASTERN LI/CT WATER LEVELS FOR TONIGHT

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
New London CT	1227 am	4.9-5.5	1.8-2.4	Minor
Montauk NY	1201 am	4.7-5.3	2.2-2.8	Minor
Orient Point NY	104 am	5.0-5.6	2.1-2.7	Minor
Riverhead NY	301 am	6.0-6.6	2.7-3.3	Moderate

EASTERN LI/CT WATER LEVELS FOR MONDAY

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
New London CT	1249 pm	5.2-5.8	2.1-2.7	Minor
Montauk NY	1227 pm	5.0-5.6	2.5-3.1	Minor-Moderate
Orient Point NY	126 pm	5.3-5.9	2.4-3.0	Minor-Moderate
Riverhead NY	323 pm	6.4-7.0	3.1-3.7	Moderate-Major



Worse Case Scenario Water Level Forecasts (If peaks surge occurs at high tide)



LONG ISLAND SOUND WATER LEVELS FOR TONIGHT

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
Kings Point NY	225 am	10.8-11.4	3.0-3.6	Moderate
Stamford CT	221 am	10.5-11.1	2.7-3.3	Minor
Bridgeport CT	218 am	9.8-10.4	2.5-3.1	Minor
New Haven CT	217 am	9.1-9.7	2.4-3.0	Minor-Moderate
Old Field NY	220 am	9.5-10.1	2.2-2.8	Minor
Glen Cove NY	203 am	10.4-11.0	2.5-3.1	Minor

LONG ISLAND SOUND WATER LEVELS FOR MONDAY

Location	Time of High Tide	Forecast Total Water Level		Flood Category
		MLLW (ft)	MHHW (ft)	
Kings Point NY	231 pm	11.2-11.8	3.4-4.0	Moderate
Stamford CT	239 pm	11.0-11.6	3.2-3.8	Moderate
Bridgeport CT	236 pm	10.2-10.8	2.9-3.5	Moderate
New Haven CT	235 pm	9.4-10.0	2.7-3.3	Moderate
Old Field NY	238 pm	9.9-10.5	2.6-3.2	Moderate
Glen Cove NY	209 pm	10.8-11.4	2.9-3.5	Moderate



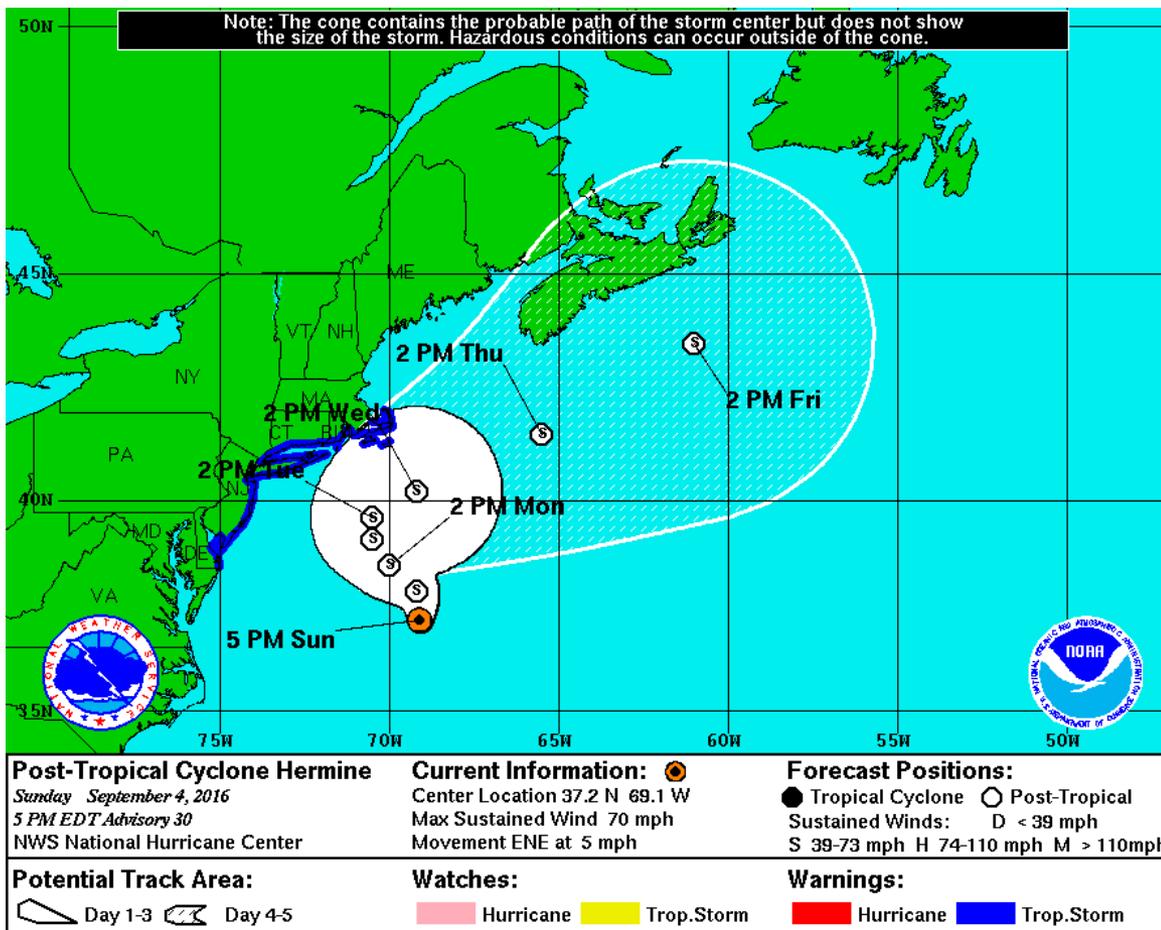
Other Hazards Summary



- **Maximum Winds** spreading southeast to northwest Monday morning
 - 25 to 35 mph with gusts to 50 mph Long Island and Southeast CT
 - 20 to 30 mph with gusts to 45 mph NYC Metro and immediate coast
 - 15 to 25 mph with gusts to 35 mph Inland
- **Highest Winds** along the coast, bridges and tall buildings developing Monday morning and continuing through Monday Night
- **Heavy Rain** and **Freshwater Flooding** threat is low. Rainfall of less than 1 inch is forecast;
- - **High Confidence** forecast.



Hurricane Hermine Forecast Error Cone Issued September 4 at 5 pm

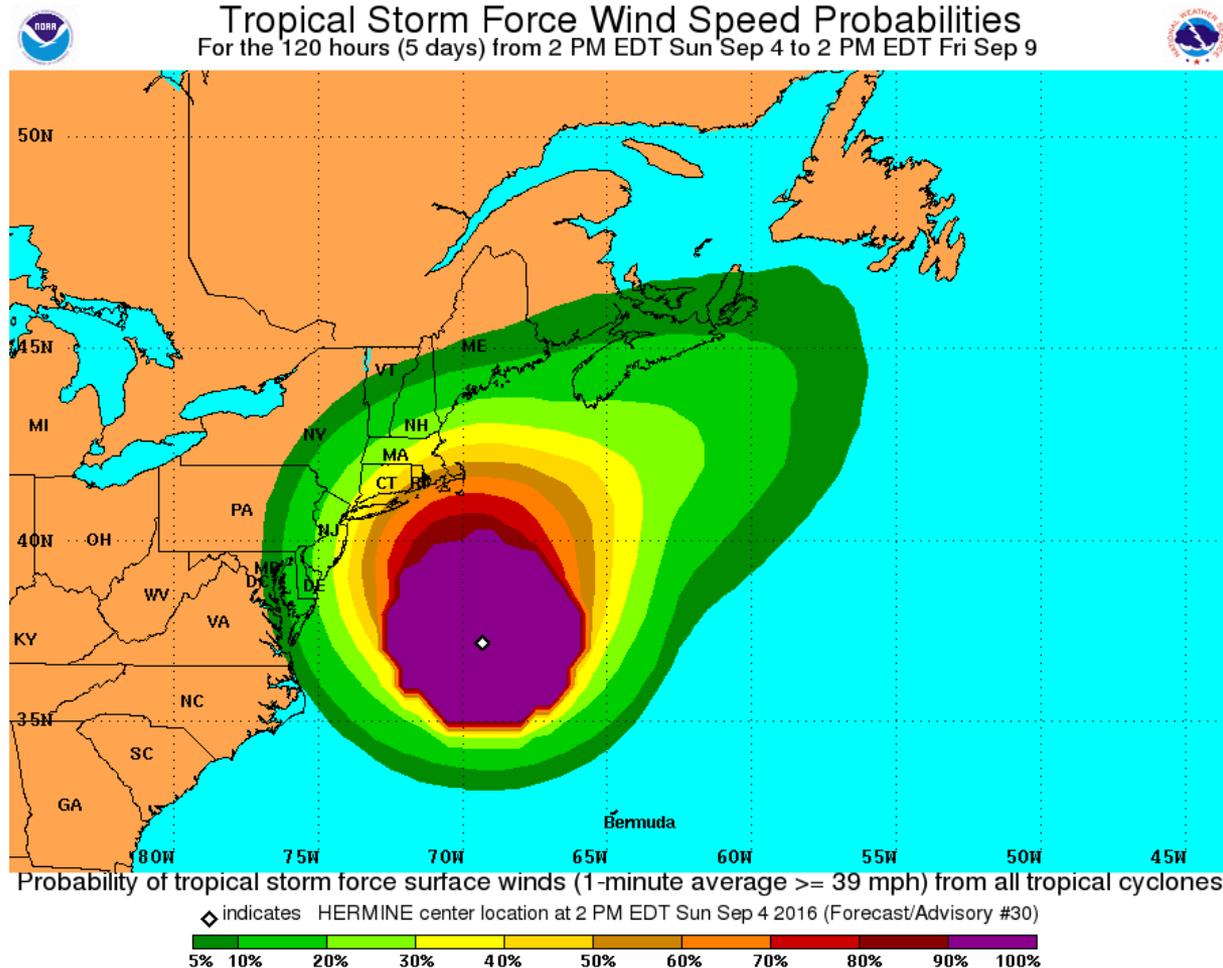




Probability of Tropical Storm Winds of 39-57 mph



- Highest Probabilities Have Shifted East



9/4/2016



Contact Information



- National Hurricane Center
 - <http://www.nhc.noaa.gov>
- National Weather Service New York, NY
 - <http://www.weather.gov/nyc>
- Ross Dickman, Meteorologist In Charge
 - i.ross.dickman@noaa.gov
- Gary Conte, Warning Coordination Meteorologist
 - gary.conte@noaa.gov