



NOAA's National Weather Service Philadelphia/Mt. Holly NJ



Issued: Thursday, October 1, 2015 500 PM Special Update

Next Briefing Package: Friday, October 2, 2015 no later than 300 PM

Hazards and Impacts:

Overview: A high impact weather pattern still threatens our region. Threats include heavy rainfall, localized inland flooding, as well as major coastal flooding with heavy surf and beach erosion. These impacts will be felt today into Saturday from a storm system affecting the region. The threat of major impacts from Hurricane Joaquin has lessened for our region.

Rainfall : Not much rain has fallen over the past 24 hours. One to three inches of new rainfall is expected tonight into Saturday morning. Additional heavy rainfall associated with Hurricane Joaquin is less likely.

Inland flooding: The threat of inland flooding has been sharply reduced due to lower expected rainfall totals.

Winds: Winds have become northeast and will continue to intensify. Wind gusts of 20 to 30 mph are likely over inland locations. Wind gusts of 45+ mph are possible in coastal areas. The threat of strong winds from Hurricane Joaquin has lessened.

Tidal Flooding: Minor to moderate coastal flooding occurred today. Moderate to major coastal flooding is expected on Friday and Saturday along the Atlantic Coasts of Delaware and New Jersey, as well as the lower Delaware Bay. Minor to moderate coastal flooding is possible on the upper Delaware Bay. This is in advance of any impacts from Hurricane Joaquin, however the threat of coastal flooding from Hurricane Joaquin has lessened.

Timing:

Heavy rainfall will impact the region again tonight into early Saturday morning, along with the risk of localized inland flooding. Moderate to major coastal flooding is expected on Friday and Saturday. The threat of impacts from Hurricane Joaquin has lessened.



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Trend Analysis:

The potential for a very high impact weather event impacting the region has **lessened** compared to 24 hours ago, due to a lessened threat from Hurricane Joaquin.

The threat of major coastal flooding, heavy rainfall, and very localized inland flooding continues for Friday and Saturday, associated with the current storm system.

The latest track forecast from the National Hurricane Center shows an eastward trend to the track for Hurricane Joaquin, resulting in a lessened threat to the region from Hurricane Joaquin in the late Sunday/Monday time period.

Please remember that the threat from Hurricane Joaquin has been lessened, but not removed completely. If Hurricane Joaquin directly impacts the region, all the major hurricane threats (damaging winds, severe coastal flooding, very heavy rainfall with severe inland flooding) could impact the region. The expected significant weather in the Friday/Saturday timeframe will hinder preparedness activities for Joaquin, should it head toward our region.



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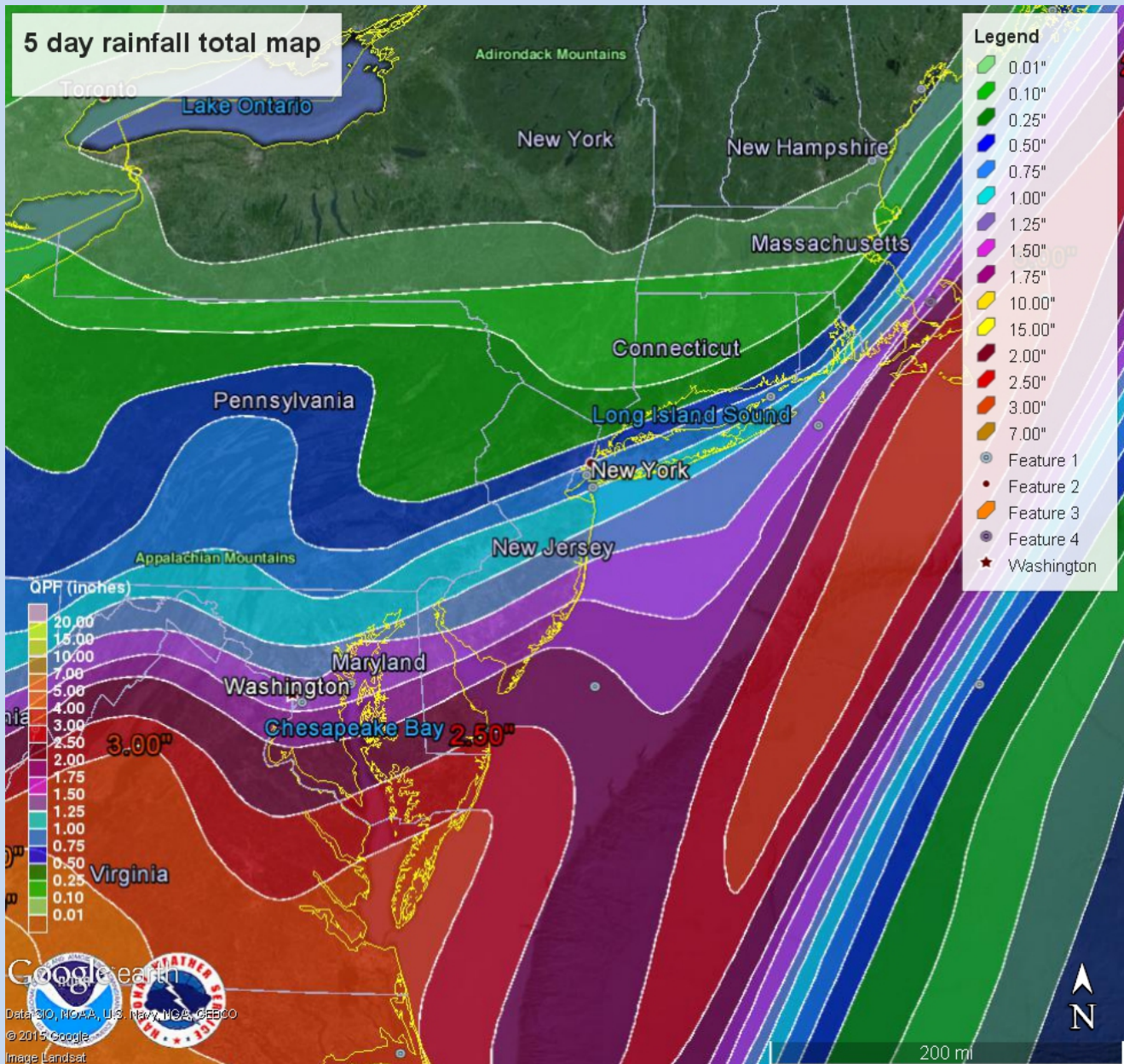
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These lowered rainfall guidance totals occur mainly between now and Saturday morning. The threat of heavy rainfall from Hurricane Joaquin has lessened.



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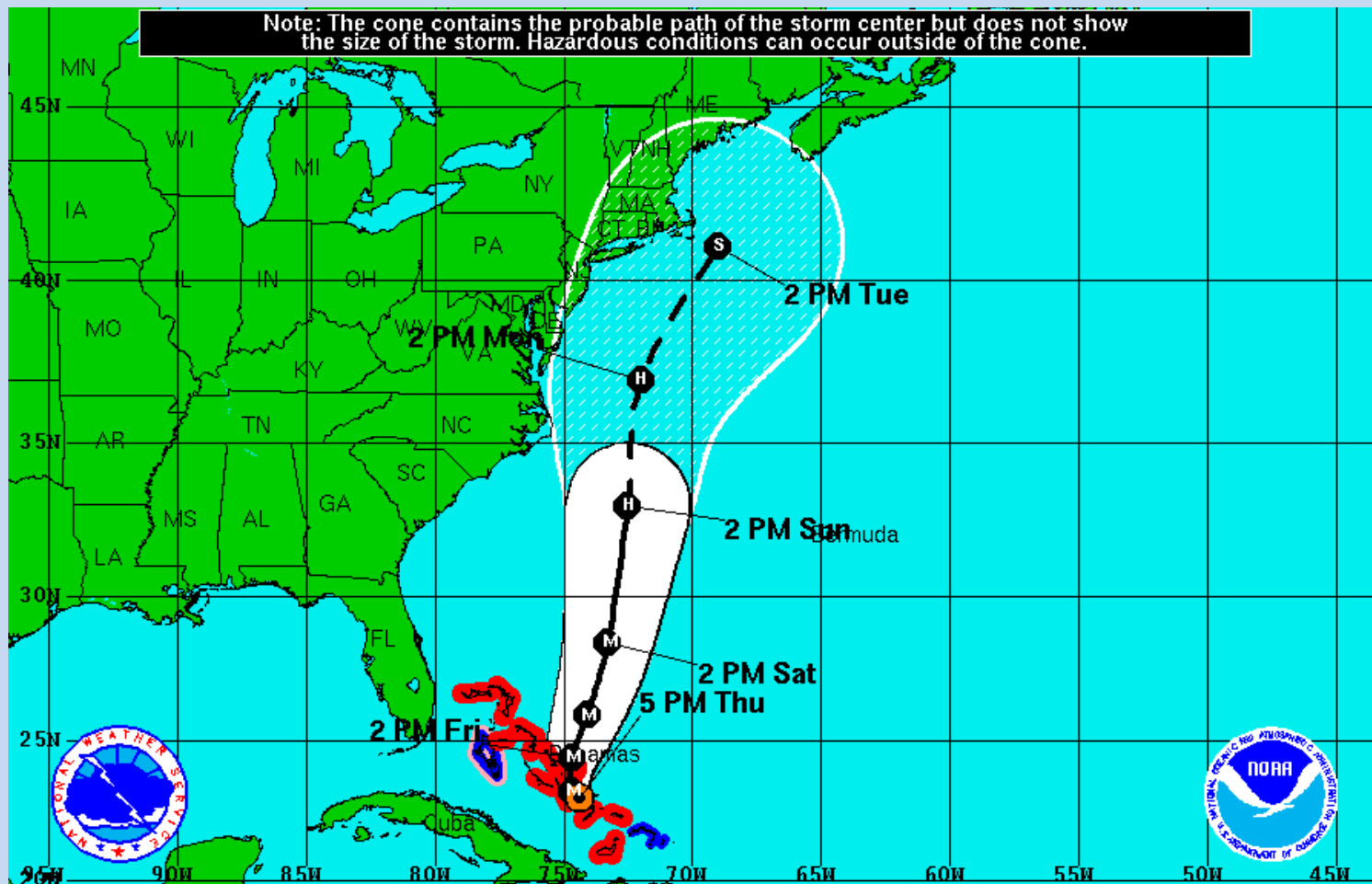
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Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.

Hurricane Joaquin
Thursday October 1, 2015
5 PM EDT Advisory 16
NWS National Hurricane Center

Current Information:
Center Location 23.0 N 74.4 W
Max Sustained Wind 135 mph
Movement SW at 6 mph

Forecast Positions:
● Tropical Cyclone ○ Post-Tropical
Sustained Winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:
Day 1-3 Day 4-5

Watches:
Hurricane Trop.Storm

Warnings:
Hurricane Trop.Storm

Forecast track of Hurricane Joaquin issued by National Hurricane Center at 500 PM EDT Thursday, Oct 1st. This map shows Joaquin a lessened threat to our region. The threat has NOT been removed completely.



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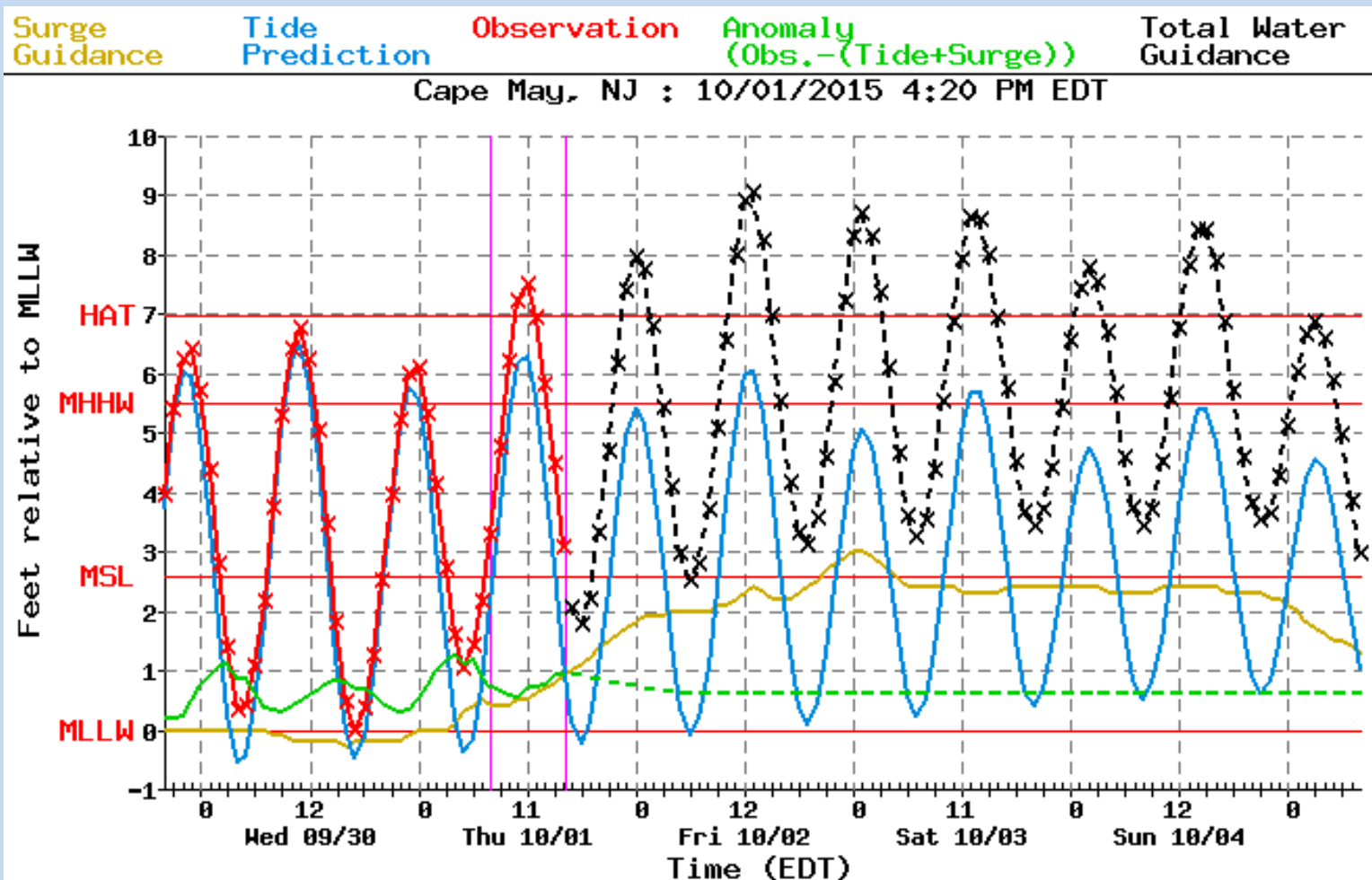




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Northeast winds have increased, and tides this evening are running 1 to 2 feet above normal along the NJ and DE Atlantic coasts. Minor to moderate coastal flooding occurred today and will occur again tonight. Moderate to major coastal flooding is expected on Friday & Saturday along the Atlantic coast of NJ and DE, as well as the lower DE Bay. Any locally heavy rainfall will worsen conditions during the time of high tide.



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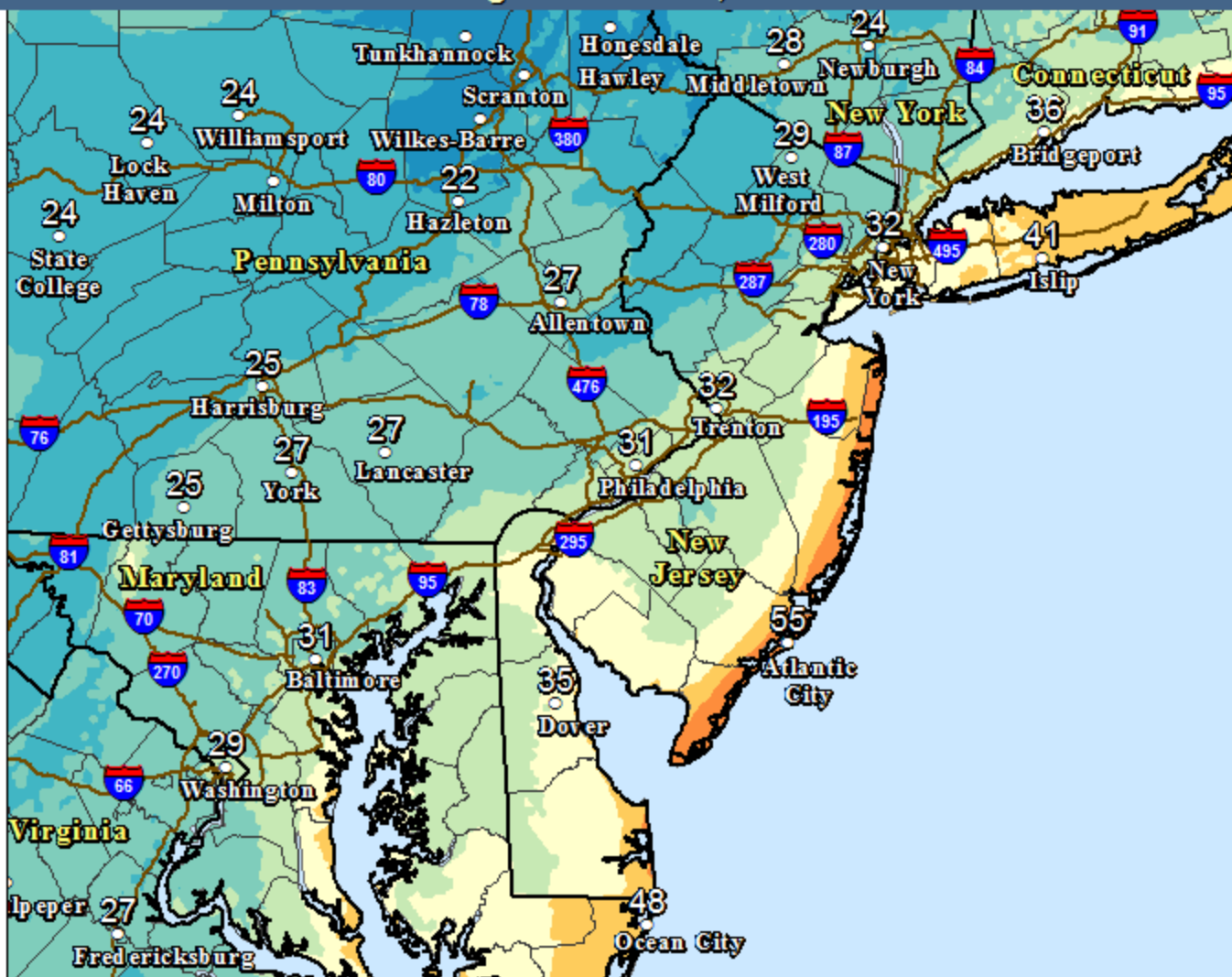
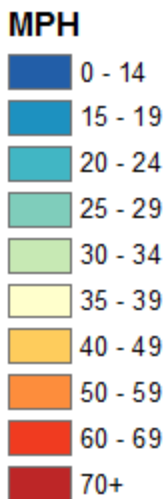


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Maximum Wind Gust - Through October 03, 2015 8:00 PM ET



Created by the
NWS Forecast Office
Philadelphia/Mt Holly



0 25 50 Miles

Source: NWS National
Digital Forecast Database

Created: 10/01/2015 1500 UTC

Wind gusts Friday October 2nd and Saturday October 3rd.
Wind gusts of 45+ mph are expected near the Atlantic coast.
Wind gusts of 25 to 40 mph are expected for more inland locations.



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