



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



Issued: Thursday, January 21, 2016 – 9 AM

Next Briefing Package: by 5 PM Thursday January 21, 2016

## Highlights

**A major east coast storm will affect the area this weekend. Important aspects of this storm are as follows:**

- **12 to 18 inches of snow is expected...with lesser amounts near the coast and in the Poconos and far northwest New Jersey. A Winter Storm Watch is now in effect for the entire region for Friday night into Sunday for heavy snow.**
- **Widespread moderate to major coastal and back bay flooding is expected along the Delaware and New Jersey coasts (except Monmouth County) this weekend, including Delaware Bay . A strong onshore flow will persist through three tide cycles. A Coastal Flood Watch is in effect for these areas for late Friday night through Sunday morning. Flooding is not expected along the Chesapeake Bay north of Cambridge.**
- **Widespread minor flooding is expected in Raritan Bay and Atlantic coast of Monmouth county.**
- **Strong northeast winds gusting between 50 and 60 knots are expected over the coastal waters of Delaware and New Jersey with this storm. A Storm Watch is in effect for these areas from late Friday night through Sunday morning.**
- **Strong northeast winds gusting between 50 and 60 mph are possible near the coast from Friday night into early Sunday morning. Northeast wind gusts in the 25 to 35 mph range are expected further inland.**

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## Hazards and Impacts:

- **Power outages possible due to heavy snow and/or wind.**
- **Widespread coastal flooding with property damage and road closures is expected...especially at the times of high tide on Saturday and Sunday morning.**
- **Heavy and wet snow may be difficult to plow and shovel, especially for those with physical ailments.**
- **Snowfall totals are expected to cut off sharply closer to the coast given that snow is expected to change to rain in those areas. Sharp cutoffs are also possible near the northern edge of the storm depending on its final path.**

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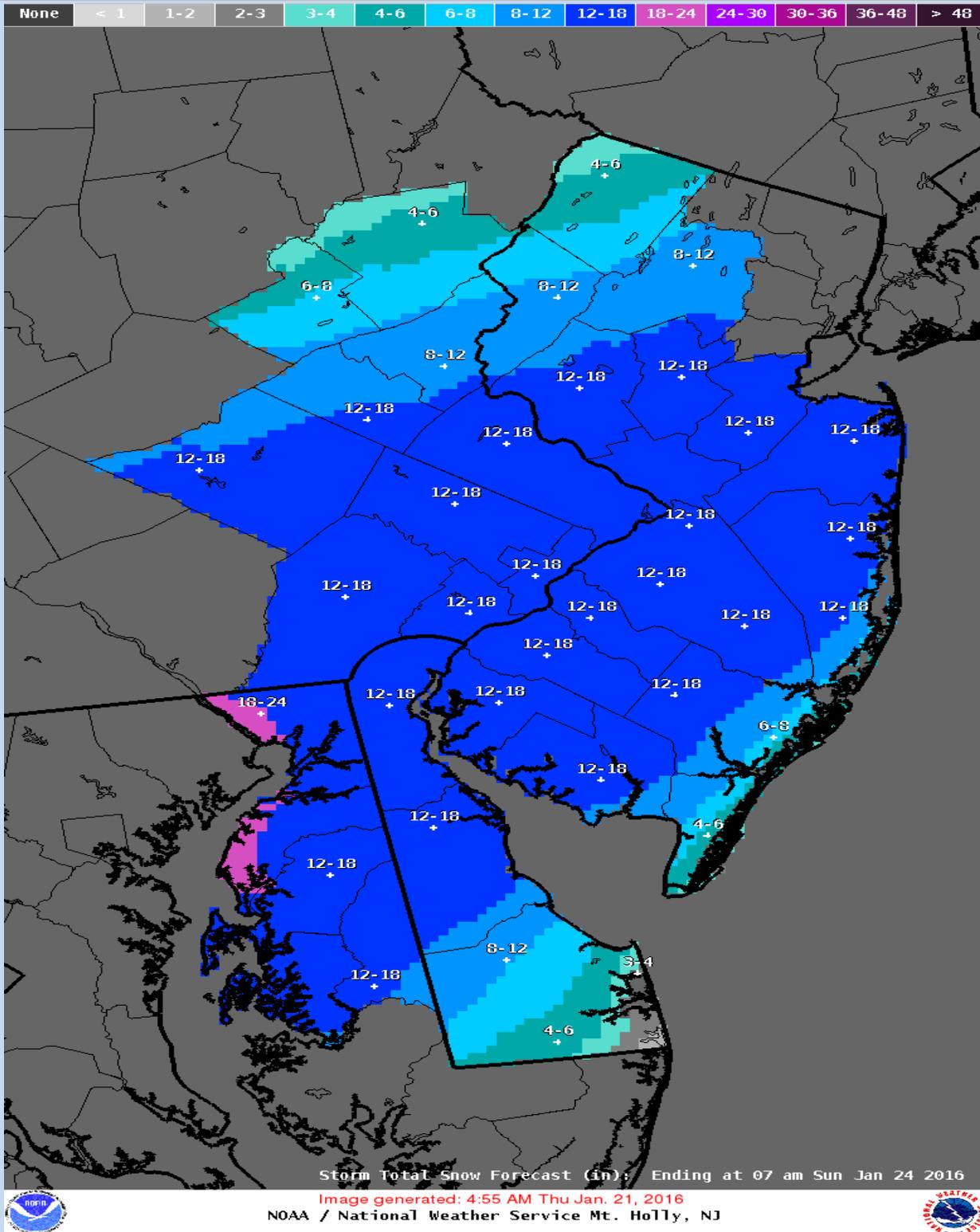


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[www.weather.gov/phi/winter](http://www.weather.gov/phi/winter)

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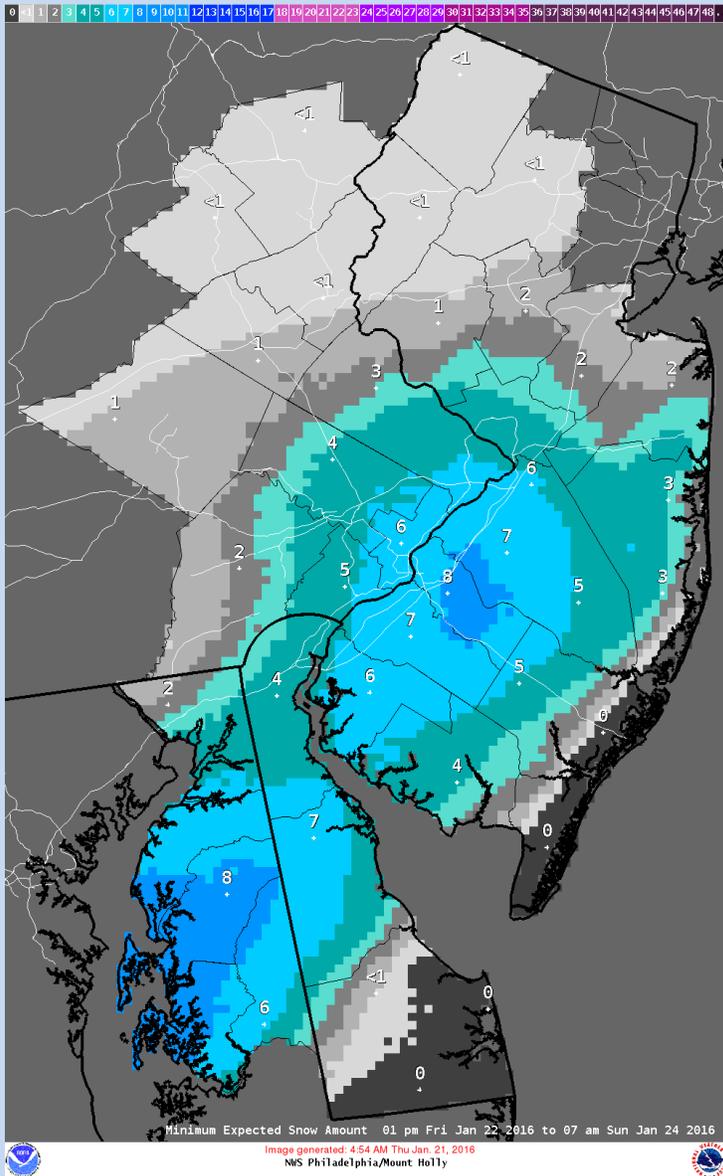


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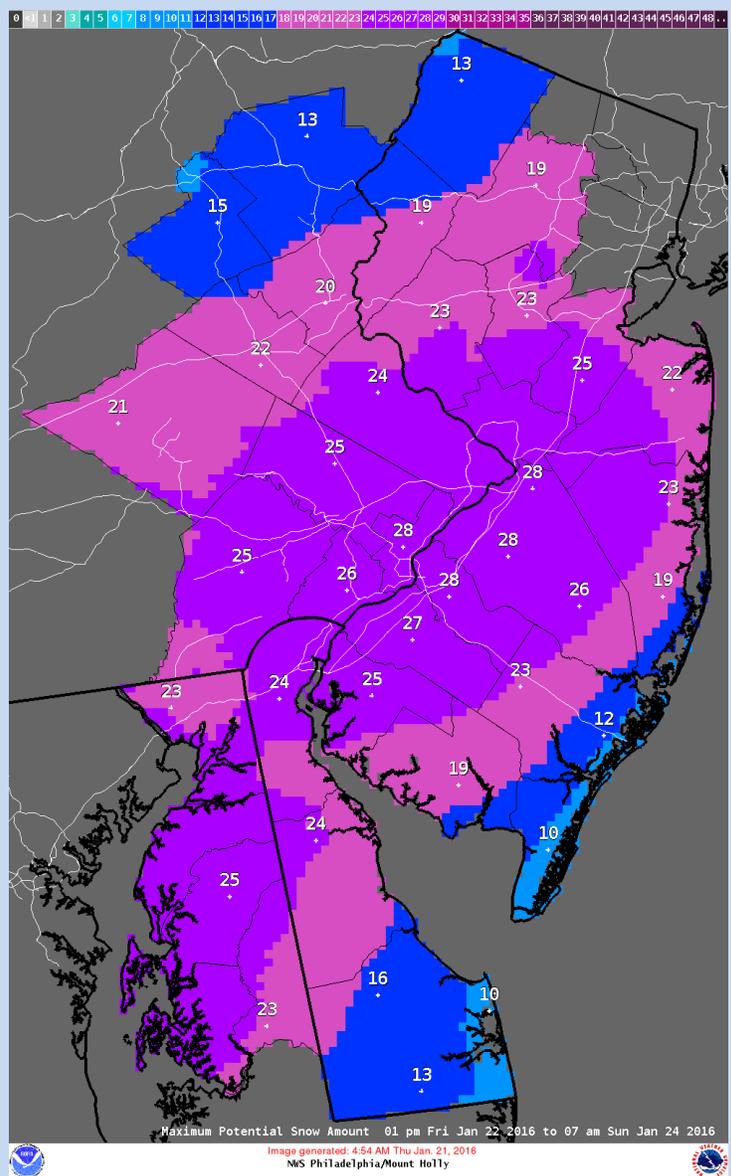


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### Minimum Snow Forecast



### Maximum Snow Forecast

These two maps provide reasonable estimates of possible minimum (left) and maximum (right) snowfall amounts from this event based on statistical analysis of model guidance. They are experimental and do **not** represent the official NWS forecast. Larger images are available at [www.weather.gov/phi/winter](http://www.weather.gov/phi/winter)

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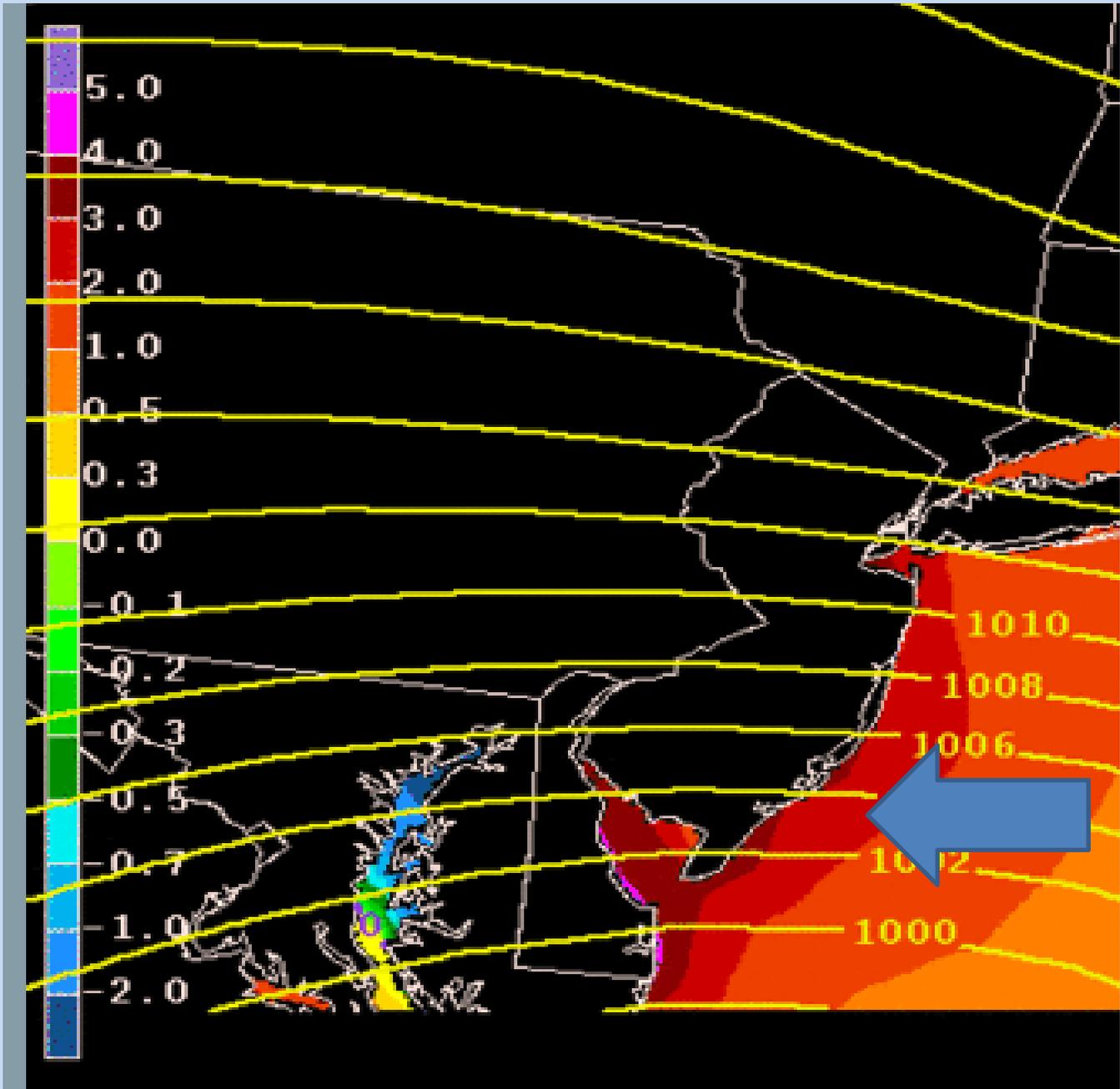


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Tidal Departures at 7 AM Saturday (around high tide). Note 2-4 FT departures along the coast and portions of Delaware Bay (bright red).

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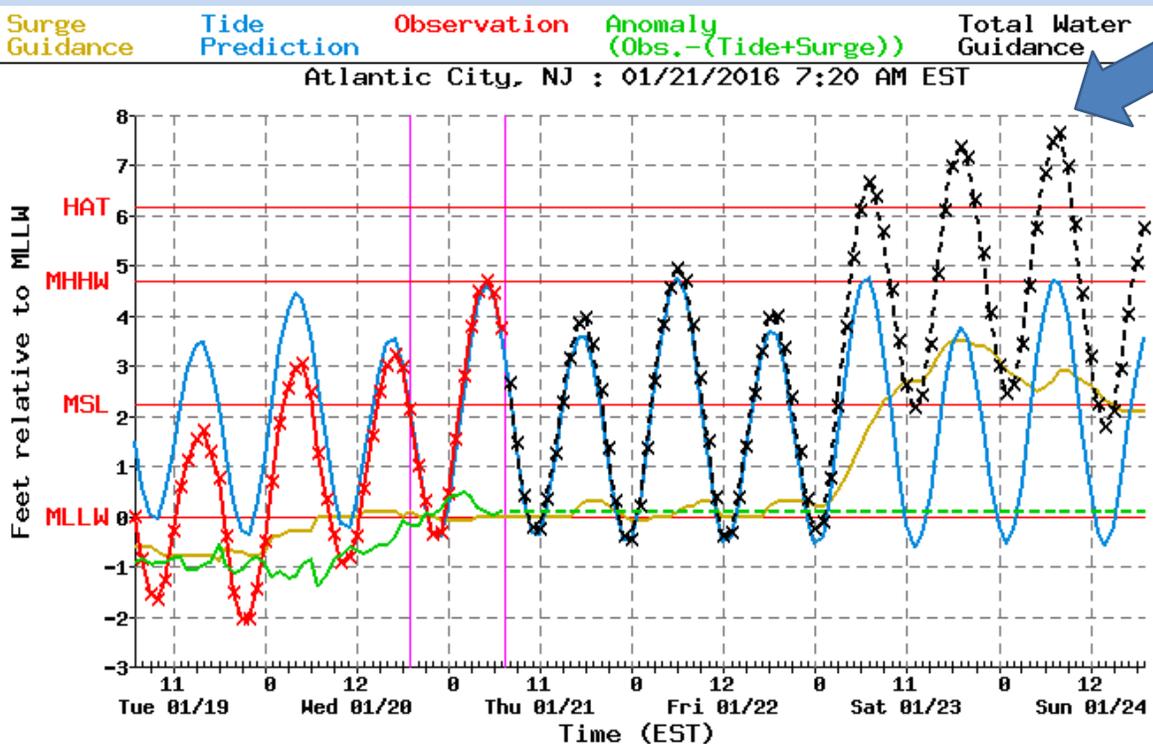


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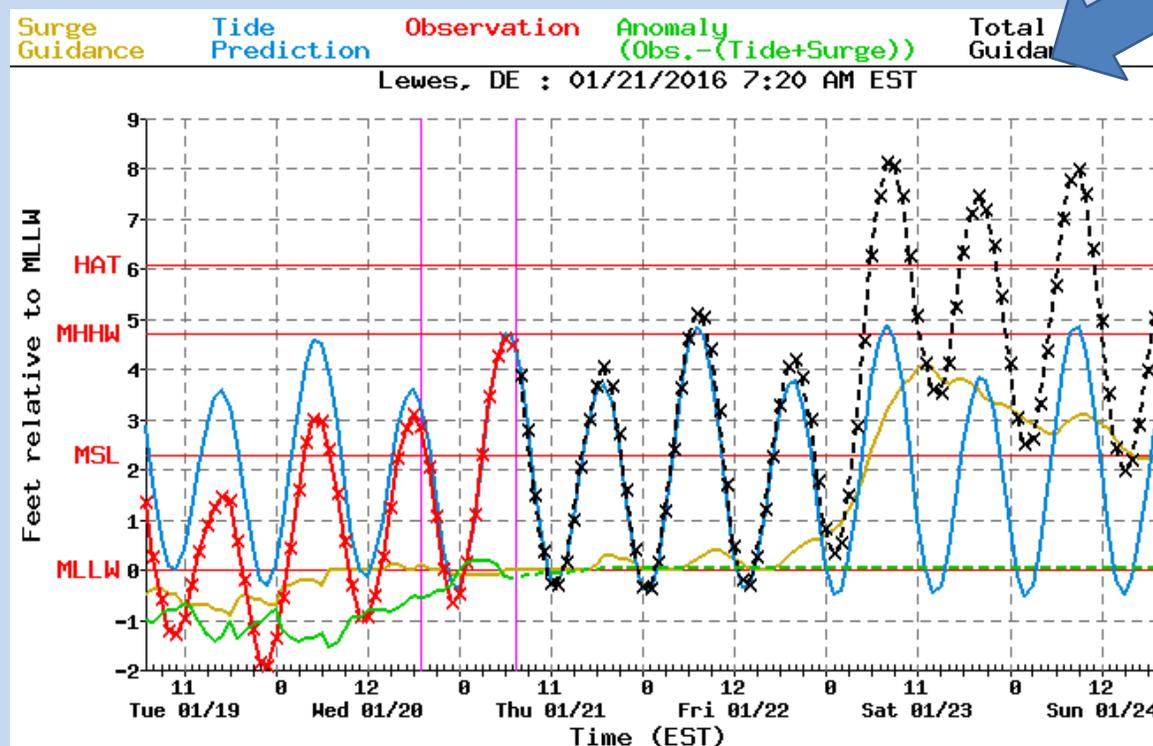


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These charts show the potential for moderate to major coastal and back bay flooding with the high tides Saturday morning through Sunday morning (3 high tides). Total water levels are expected to be higher in the south, such as Lewes (bottom graph) vs. Atlantic City (top graph).



Moderate coastal flooding is also expected along the Delaware Bay and minor flooding is expected Raritan Bay in northern New Jersey.

Coastal flooding is not expected along the Chesapeake Bay north of Cambridge.

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