



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



Issued: Monday, January 18, 2016

Next Briefing Package: by 4 pm Tuesday January 19, 2016

Hazards and Impacts:

Wintry Precipitation: The potential exists for a high impact winter storm. Snow is currently likely across all of the region late Friday through Saturday night. Areas from Philadelphia south and east have the potential to change to rain for a time on Saturday which may lower the impact.

Winds: Gusty winds are possible through the same period which could lead to additional concerns with blowing snow. The strongest gusts will be along the coastline.

Coastal Flooding: With the strong on shore flow, and a full moon on Saturday, coastal flooding is currently likely, potentially moderate to major.

Other notes:

Uncertainty level: Right now this storm is still several days away. It should be noted a track closer to the coast would result in more rain and a track further offshore would lessen the overall impacts. Computer models are still differing on the ultimate solution, which is very common several days from the event.

Snow accumulation forecast: Due to the inherent uncertainty with storm systems this far out, snow amount forecasts are created only for events within the next 72 hours (3 days). Thus we will likely not produce a snow amount forecast until Wednesday.

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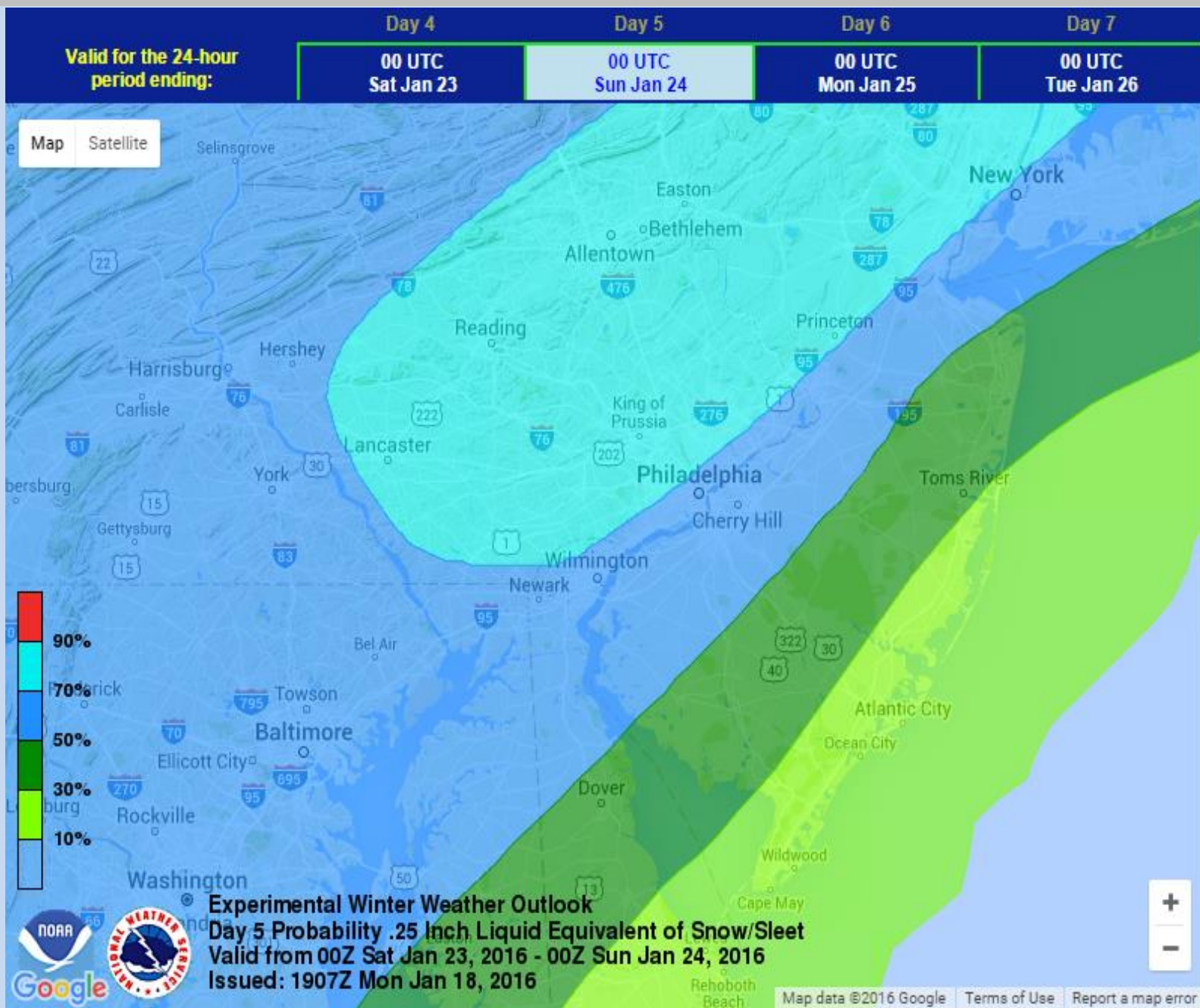


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Right now, the highest impacts from this winter storm are generally north and west of Philadelphia. Any changes in the track of the storm will lead to changes in which locations will have the highest potential for significant snowfall.

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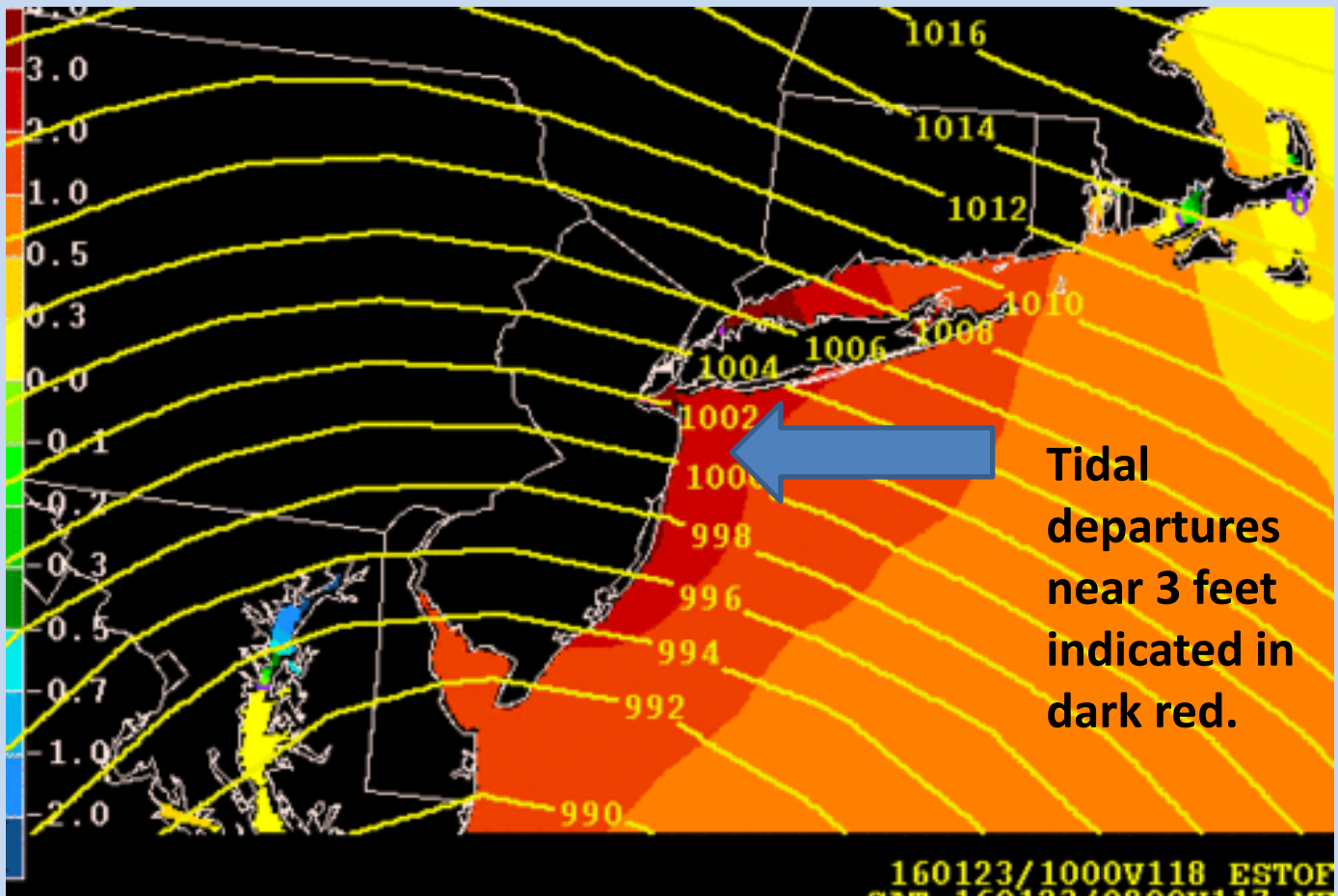


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Tidal departures could reach three feet with the early morning high tide on Saturday.

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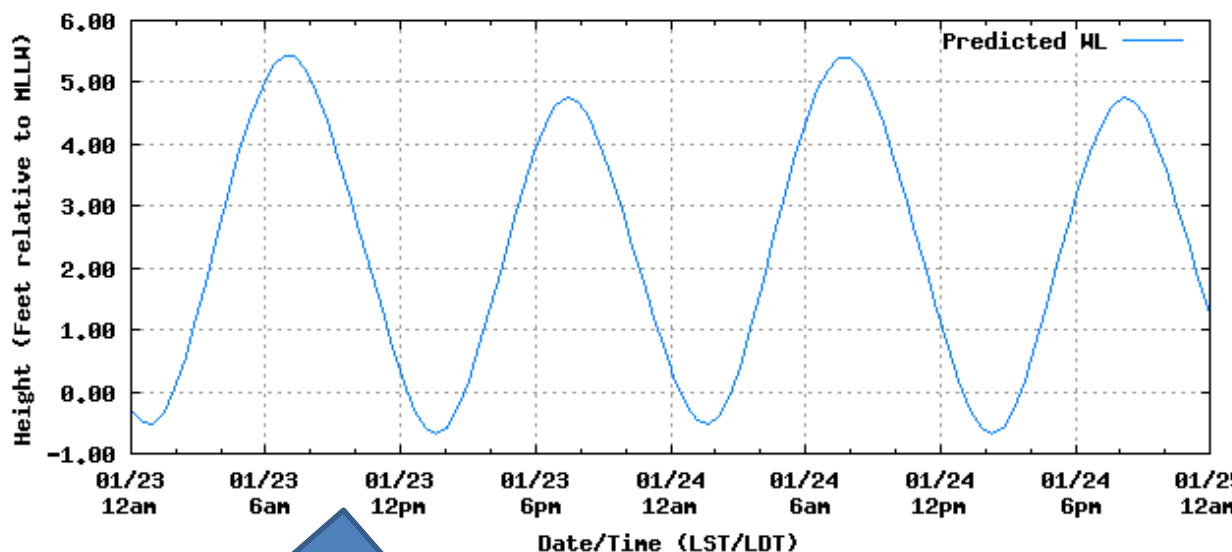


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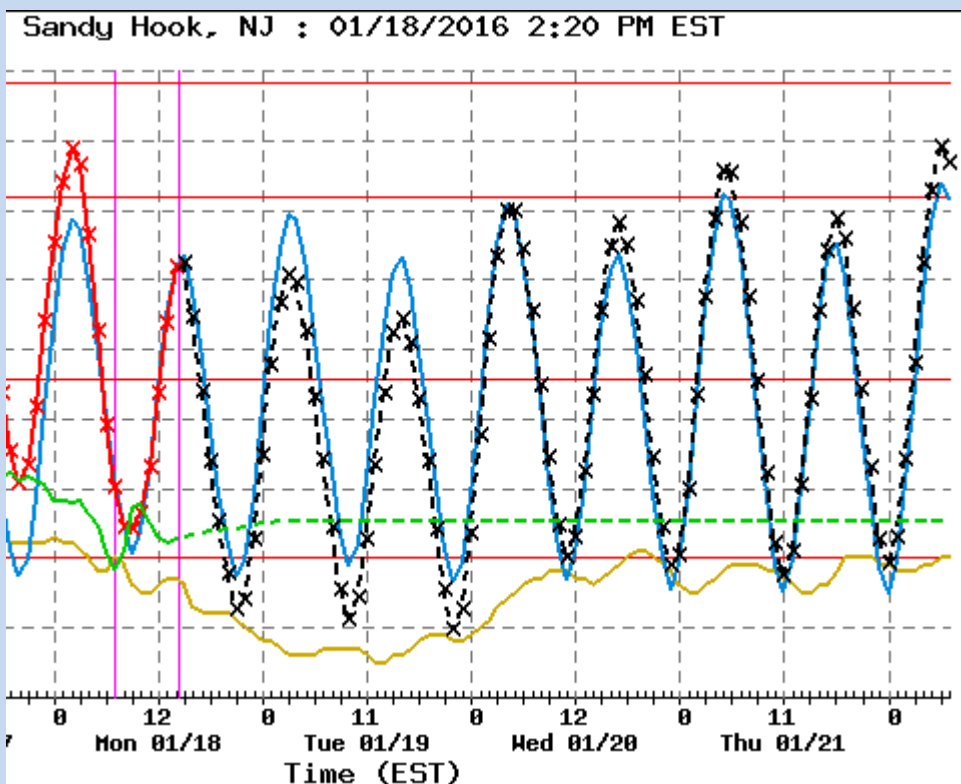


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The chart below, which only goes through early Friday, shows the rise, including the effects of the storm, but does not capture the peak of the system.



Tides will be abnormally high due to the full moon early Saturday morning. The above chart does not include the three foot increase due to the forecasted storm system. With the increase moderate coastal flooding could occur.

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