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EOP/NSC

From: (b)(6) EOP/NSC
Sent: Saturday, August 31, 2019 5:18 PM
To: Neil Jacobs - NOAA Federal
Subject: Re: Dorian 4pm

Neil,

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On Aug 31, 2019, at 5:03 PM, Neil Jacobs - NOAA Federal <neil.jacobs@noaa.gov> wrote:

Thank you for the support on the VTC briefing. FL is not out of the clear. Storm is 200 miles wide. Forecasting when the stall happens will determine where it happens. Early stall means it stays offshore. Later stall means Florida could still take a direct hit.

On Aug 30, 2019, at 3:56 PM, (b)(6) EOP/NSC <(b)(6)> wrote:

Thanks, Neil. I saw that shift, with more of the models clustered along the coast and fewer cutting across the peninsula. Storm surge for Jupiter/Port St Lucie looks brutal, and the inland flooding that Jacksonville experienced with Irma – rain/river flooding from the south clashing with oceanic surge from the southeast meeting downtown – may repeat itself over several tidal cycles in this scenario.

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From: Neil Jacobs - NOAA Federal <neil.jacobs@noaa.gov>
Sent: Friday, August 30, 2019 3:53 PM
To: (b)(6) EOP/NSC <(b)(6)>; Gaynor, Pete <pete.gaynor@fema.dhs.gov>
Subject: Re: Dorian 4pm

Quick update...

Model runs are trending north. Some runs keep the eye just off the coast.

The north trend is good in that we may be able to avoid evacuating far South Florida.

It's bad if the actual eye stays over water because the storm will maintain its strength as it parallels the coast.

The wind field is so large, that actual point of landfall isn't particularly relevant.

A track just off the coast means Carolinas would experience much greater impacts versus a track just inland, which bleeds off energy.

Timing is slightly slower (because of track), but arrival of TS winds remains same: Sunday midday.

Important to not focus on track as if it were a line, as the storm is 200 miles across.

Also important not to react to individual model run-to-run track variance. It's normal for the models to bounce around back and forth beyond 72 hours.

-Neil

Neil A. Jacobs, Ph.D.

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