



TROPICAL STORM ISAIAS BRIEFING

Noon EDT

Tuesday, August 4, 2020

Prepared by: WFO Gray/Portland

What has changed: Potential Tornado Watch this afternoon

Next Briefing: Tuesday, Aug 4, at 7PM EDT

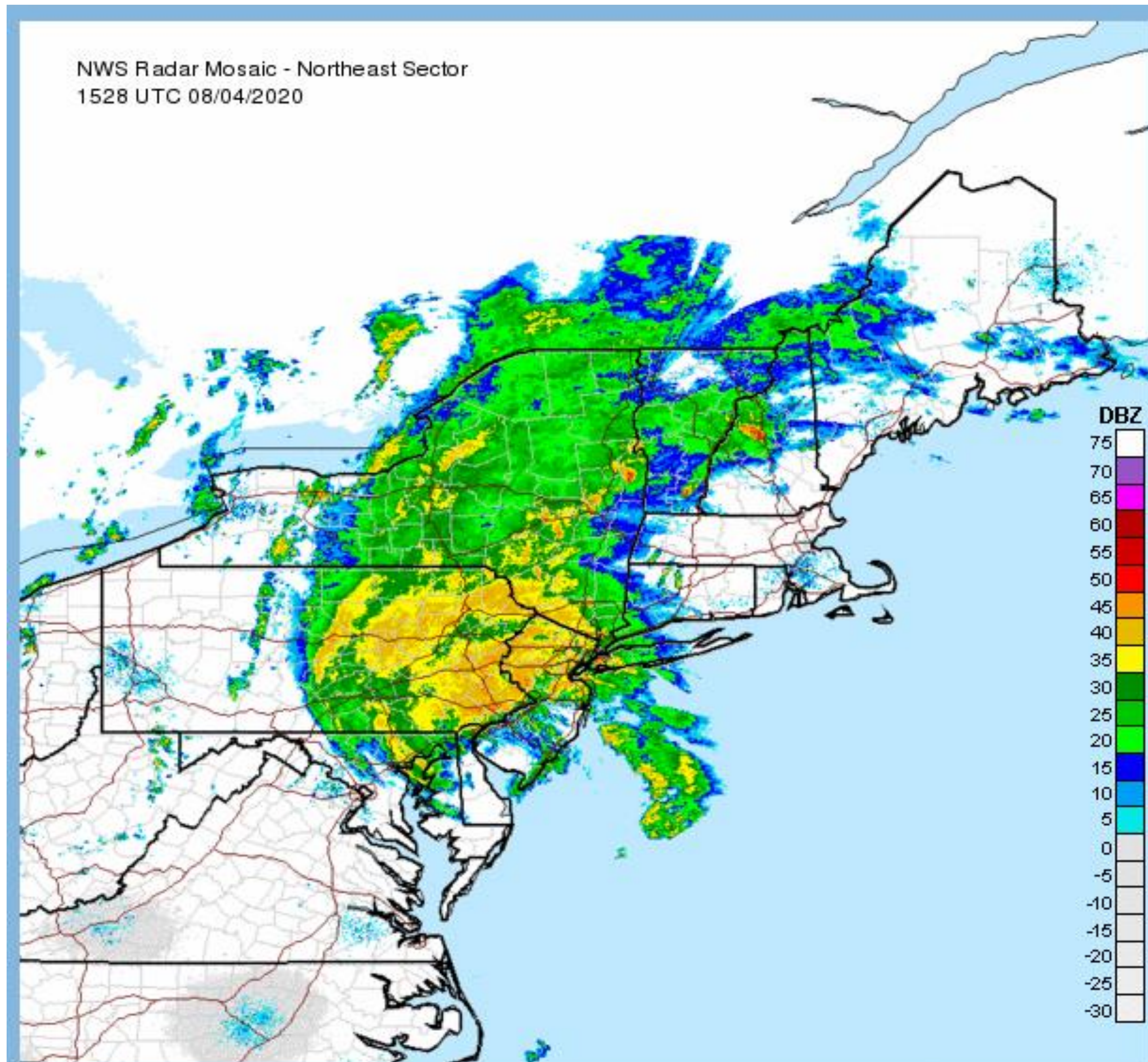
Disclaimer: The information contained within is time-sensitive. Do not use after 7:00pm EDT Tuesday.

Current Radar View

Tropical Storm Isaias



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11:30 A.M. Radar Shot

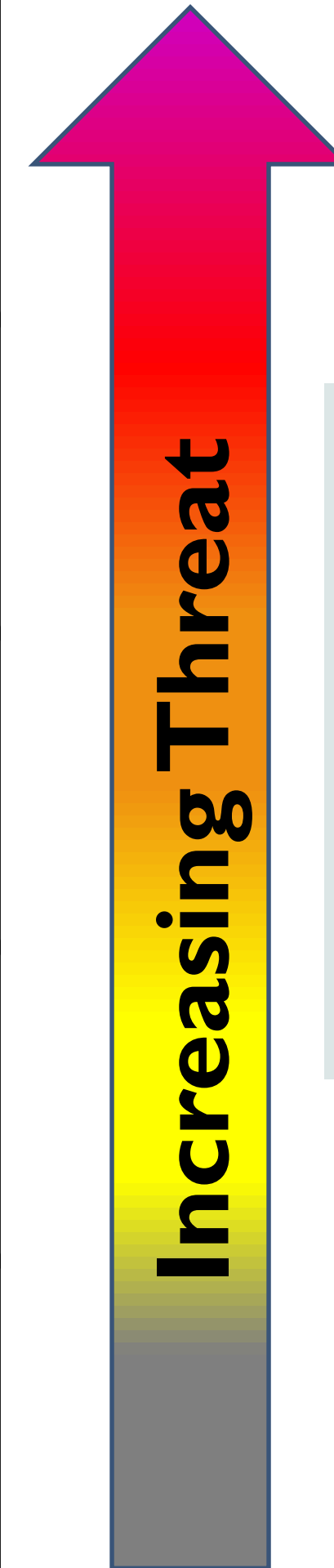
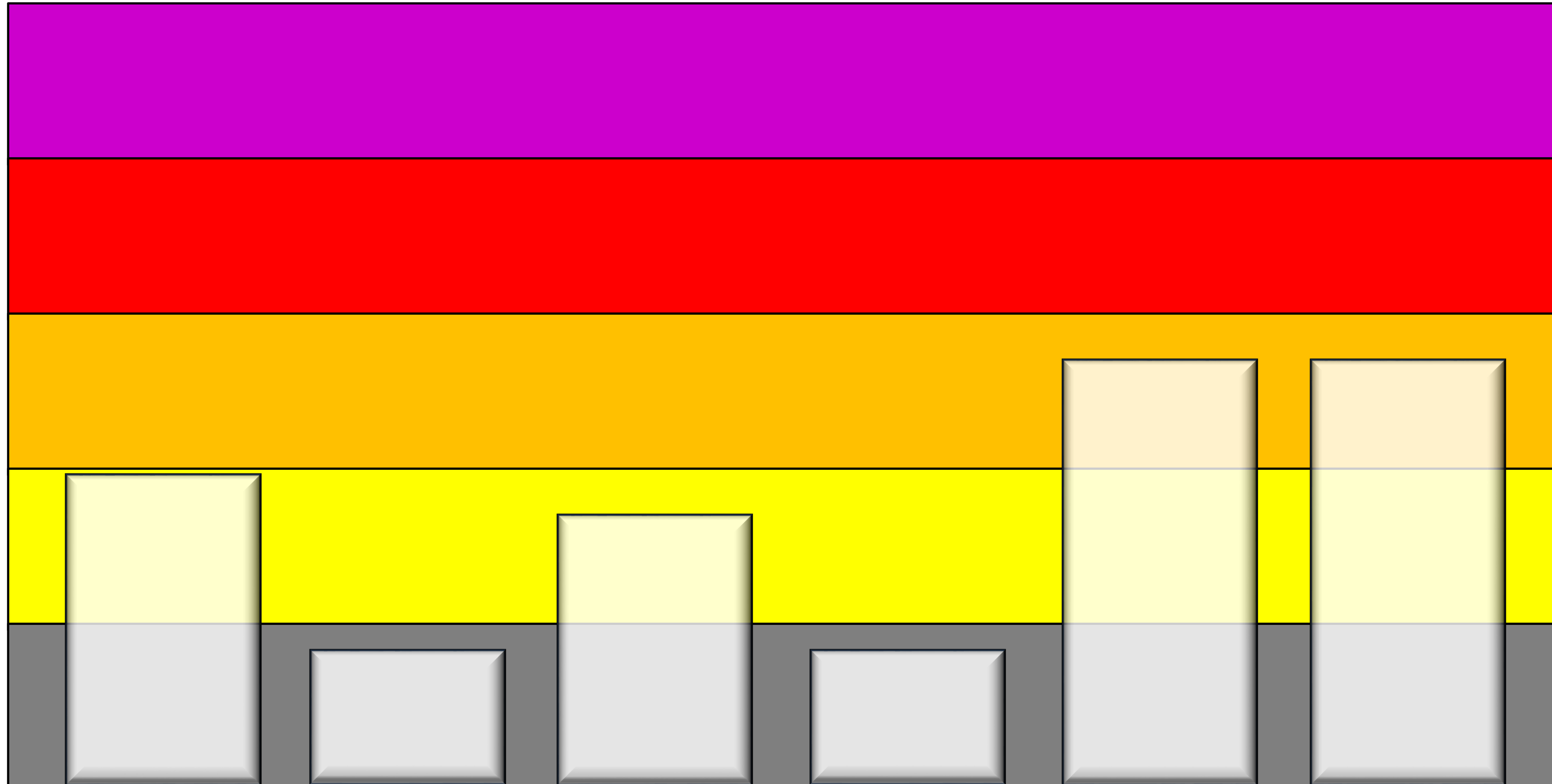
- Large rain shield is just to the west of New England, with localized heavy rain showers over New Hampshire.

Threat Levels

Tropical Storm Isaias



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For information on specific hazards in this area, please go to <https://www.weather.gov/gyx/tropical>

Wind

Surge

Rainfall/
Flash Flooding

River
Flooding

Tornadoes

Marine



Expected Duration of Wind Speeds

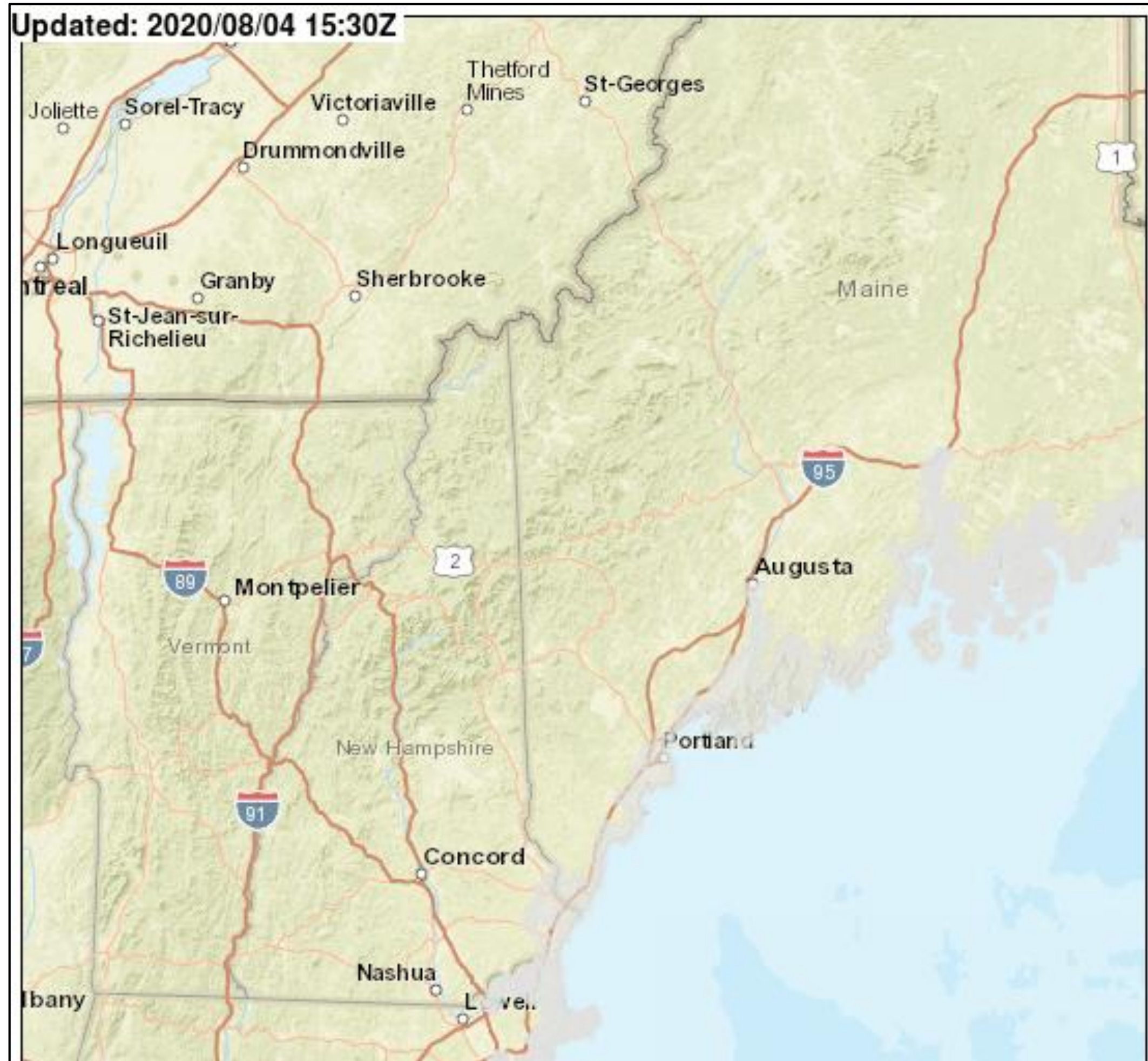
Location	Tropical Storm Force Winds	Hurricane Force Winds
Conneticut River Valley	7 to 1 AM with sustained winds of 30 to 35 mph and gusts up to 50 mph	No Hurricane Force Gusts Expected
Northern NH / Whites	10 to 3 AM with sustained winds of 30 to 35 mph and gusts up to 55 mph	No Hurricane Force Gusts Expected
Western Maine Mountians	8 to 1 AM with sustained winds of 30 to 35 mph and gusts up to 50 mph	No Hurricane Force Gusts Expected
Merrimack River Valley / Lakes Region / Maine Foothills	8 to 1 AM with sustained winds of 25 to 35 mph and gusts up to 45 mph	No Hurricane Force Gusts Expected
Coastal Maine and NH	9 to 2 AM with sustained winds of 30 to 35 mph and gusts up to 55 mph	No Hurricane Force Gusts Expected

Potential Storm Surge Impacts

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There is a potential for:

- Speed of system will now allow for offshore winds at time of high tide tonight.
- Minor wave splash-over during tonight's high tide
- Dangerous rip currents and high surf are possible today into Wednesday.

Storm Surge Threat

Potential for storm surge flooding greater than 9 ft above ground	Potential for storm surge flooding greater than 6 ft above ground	Potential for storm surge flooding greater than 3 ft above ground	Potential for storm surge flooding greater than 1 ft above ground	Little to no storm surge flooding
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Expected Storm Total Rainfall

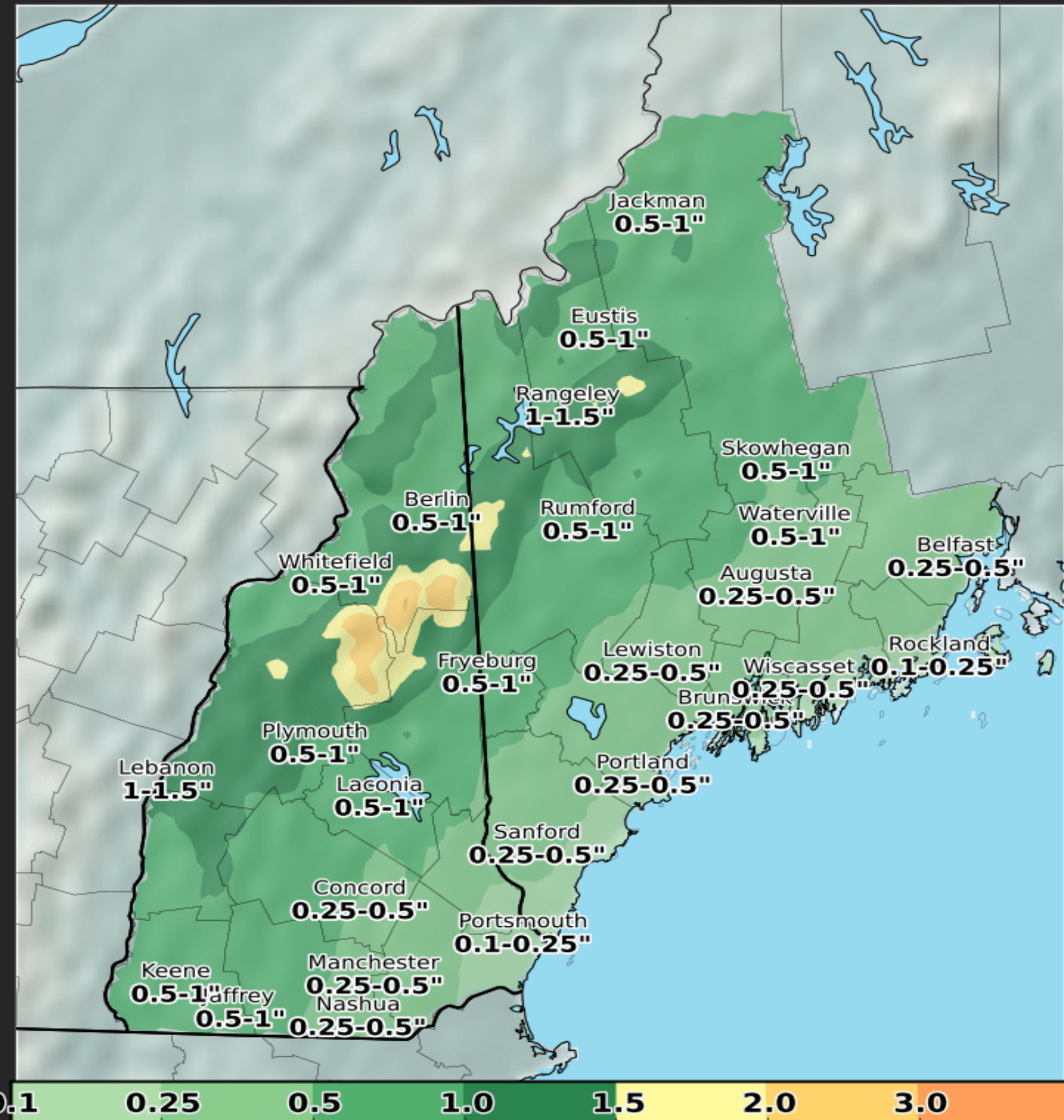
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Storm Total Rain

08/04/2020 02:00 AM - 08/05/2020 08:00 PM EDT



Note: There will likely be locally higher amounts

- Storm Total rainfall forecast valid today through Wednesday morning.
- Westward track has allowed for forecasted rainfall amounts to trend down significantly.
- Locally highest amounts will be confined to the White Mountains.

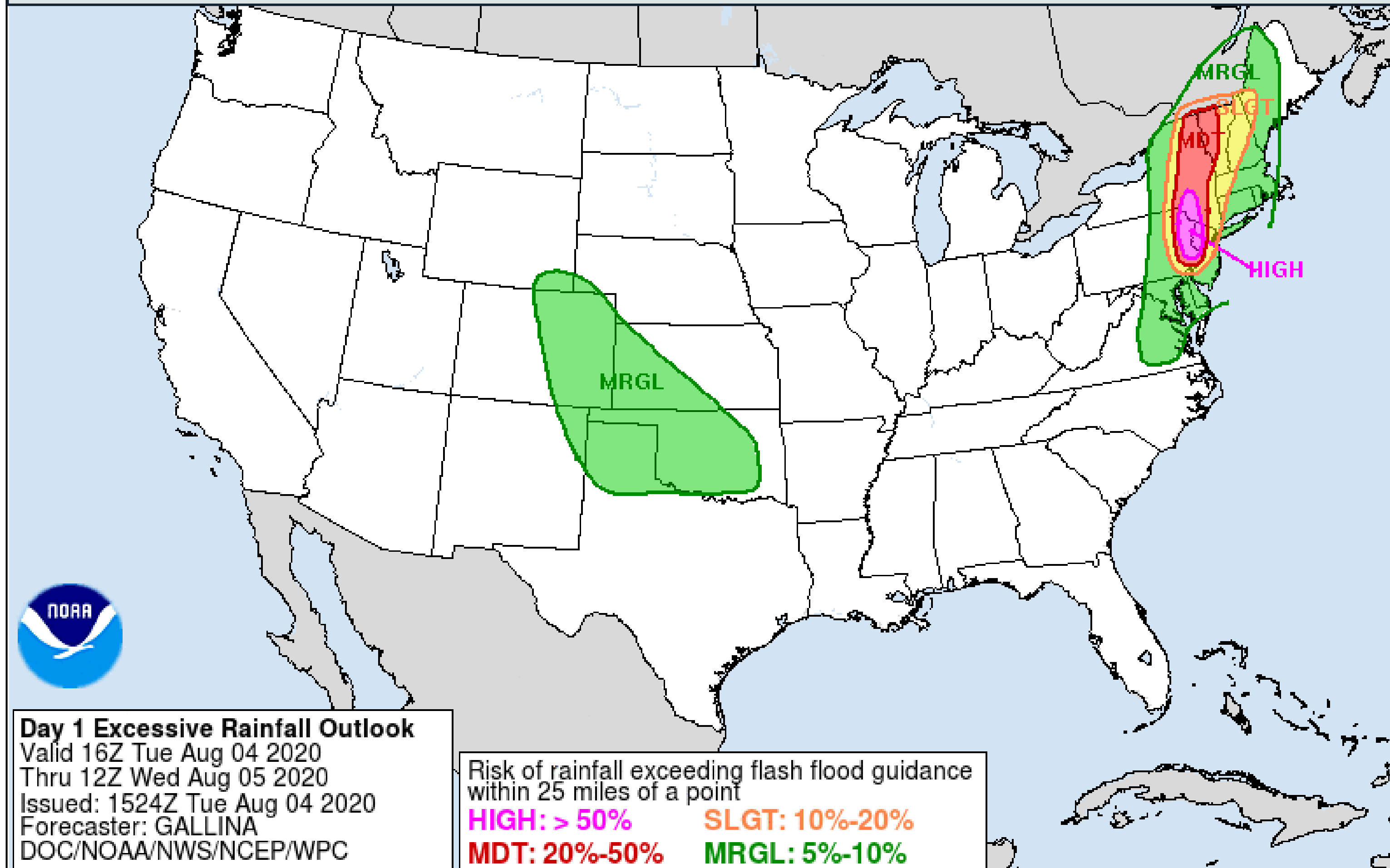
Excessive Rainfall Outlook

Tropical Storm Isaias



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Excessive Rainfall Outlook Valid Tuesday



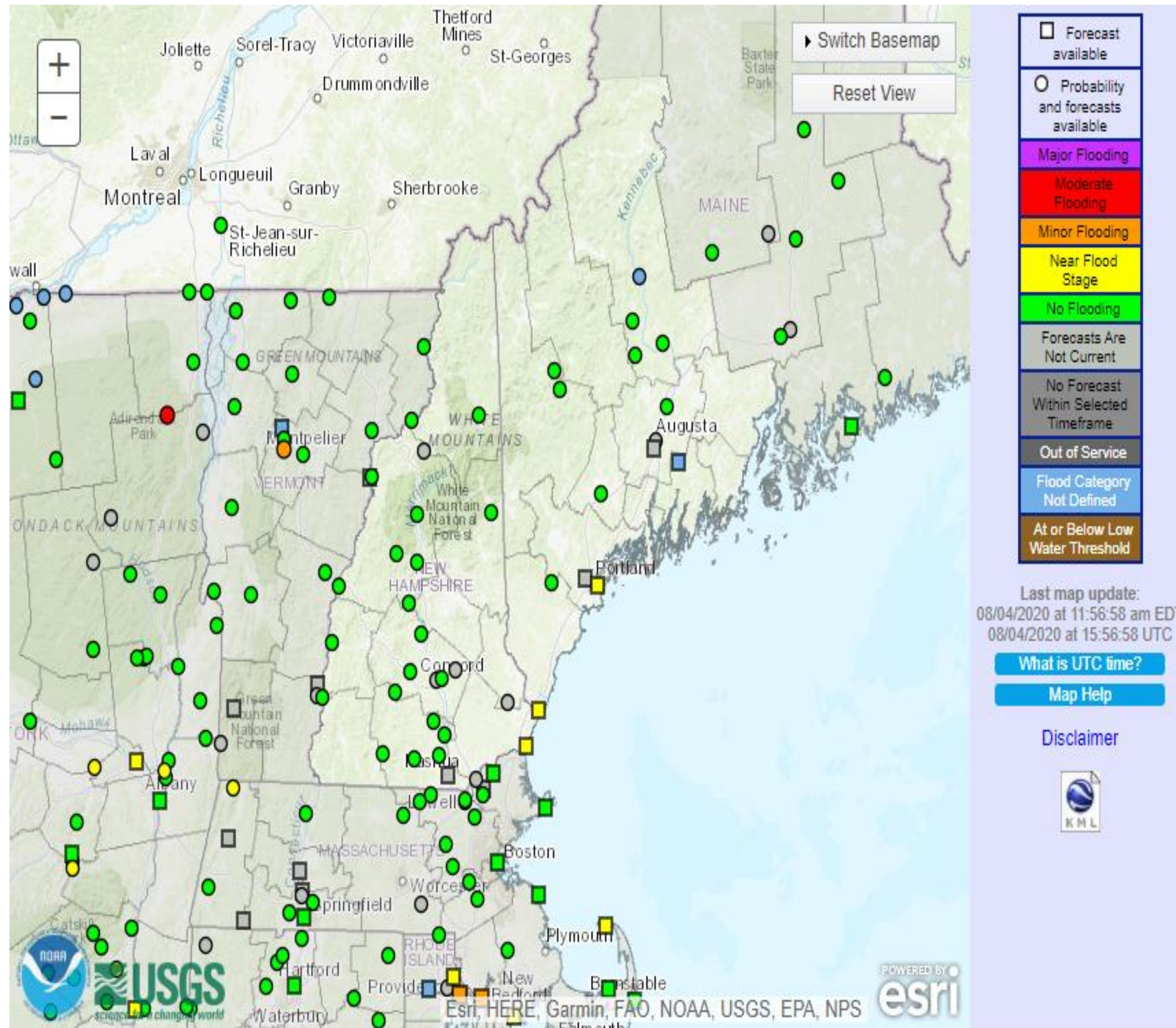
- Slight risk for flash flooding remains for western and northern NH
- Highest threat looks to be across the CT River Valley
- Threat has decreased for SE NH and almost all of Maine
- Tropical rains can drop a significant amount of rainfall in a short period of time

Potential for River Flooding

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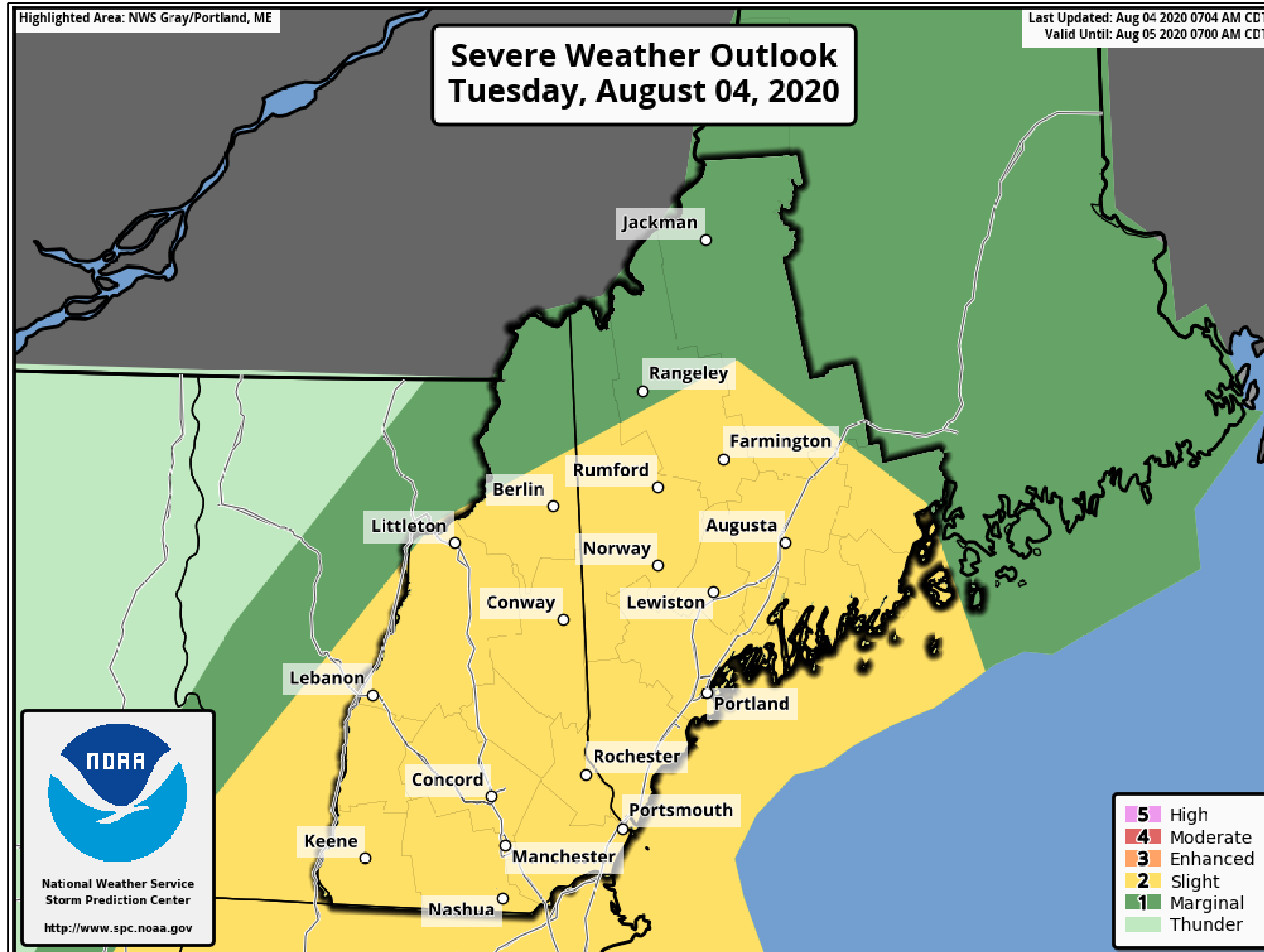
- River Flooding chances have decreased
- No rivers are currently forecasted to reach action or flood stage

Tornado Potential

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- History of tornadoes with storm from last night through this morning
- Tornado threat has increased for this afternoon and evening in the yellow region on the map

Key Take-Aways

Tropical Storm Isaias



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- ✓ Confidence is High that the event will occur
- ✓ Confidence is Moderate regarding impacts



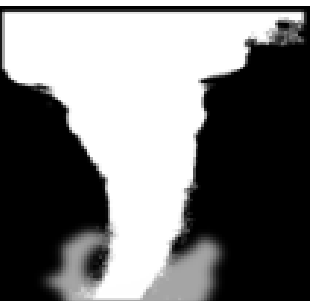
Strong wind gusts expected with areas of damaging winds, could lead to power outages due to downed limbs and trees



Minor splash over tonight, dangerous surf conditions possible late today into Wednesday morning



River flooding threat has decreased along with flash flood threat for most areas but flash flood threat remains for parts of New Hampshire



Isolated weak tornadoes possible this afternoon and evening



Dangerous marine conditions expected across the coastal waters tonight



*The Next Briefing:
Tuesday 7:00 PM EDT
Method: Email*



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For the latest graphics and information go to: www.hurricanes.gov or weather.gov/gyx/tropical