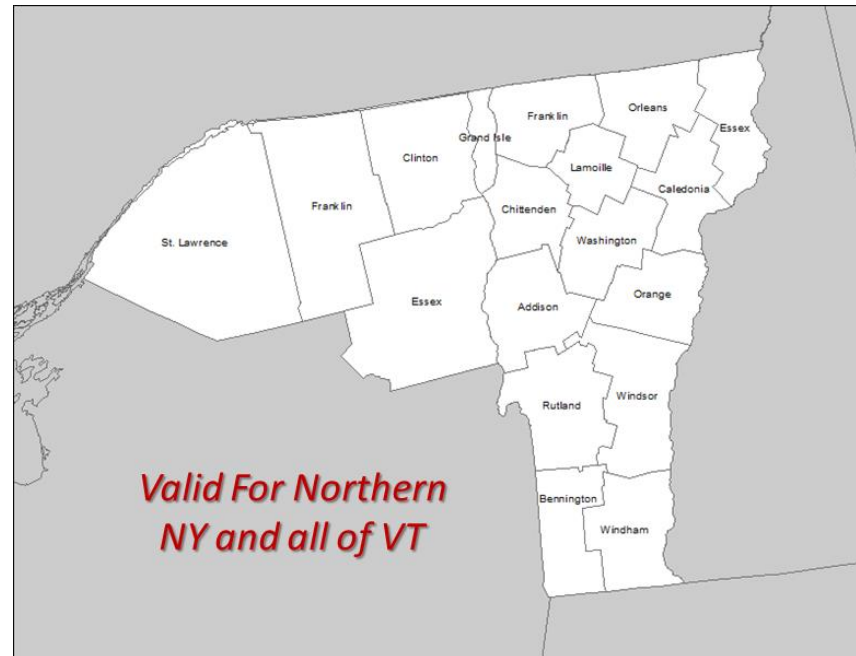


Isaias Briefing #6

Decision Support Briefing
As of 5:00 AM Monday, August 3, 2020



What Has Changed?

- ✓ Flash Flood Watch Issued
- ✓ Increased winds for portions of VT

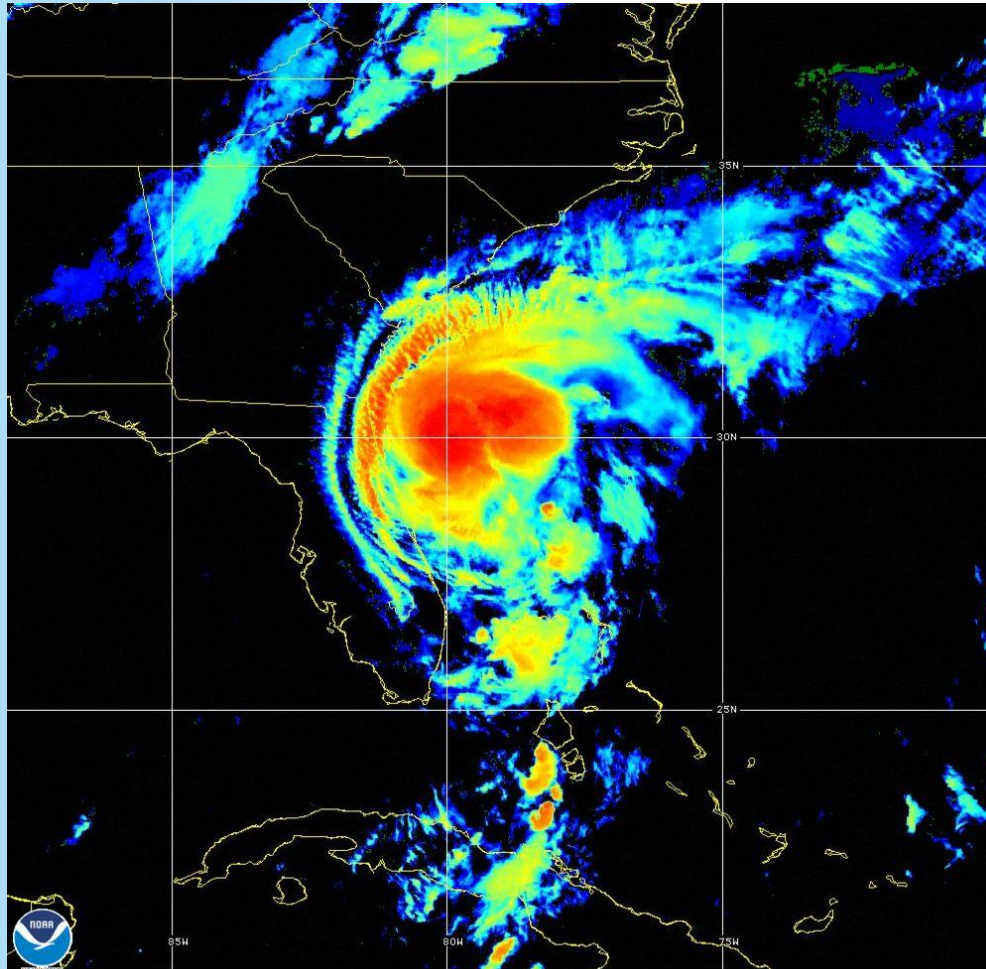
Overview

- ✓ **Flash Flood Watch for Essex County, NY and all of VT, except Grand Isle County**
- ✓ **The threat for localized flash flooding due to very high rainfall rates has increased, especially across urban areas with poor drainage and complex terrain**
- ✓ **Rain will develop on Tuesday and become heavy at times by late Tuesday afternoon into Tuesday night, especially eastern Adirondacks into Vermont.**
- ✓ **Storm total rainfall of 1-3" expected with isolated higher amounts are possible for central, eastern and southern VT.**
- ✓ **Sharp rises on streams and rivers are possible for eastern Adirondacks into Vermont, but significant river flooding is not expected.**
- ✓ **Localized wind gusts up to 45 mph expected on Tuesday Night across the southern Green Mountains and portions of eastern VT, with isolated power outages possible**

Situational Awareness

Hazard	Impacts	Location	Timing
Flash Flooding	Localized flash flooding with culvert and dirt road washouts possible, along with poor drainage urban flooding	Eastern Adirondacks into most of Vermont	Late Tuesday into Tuesday night
Wind	Isolated power outages possible	Eastern Vermont and southern portions of the Green Mountains	4 PM to Midnight on Tuesday

Monday Morning Satellite View



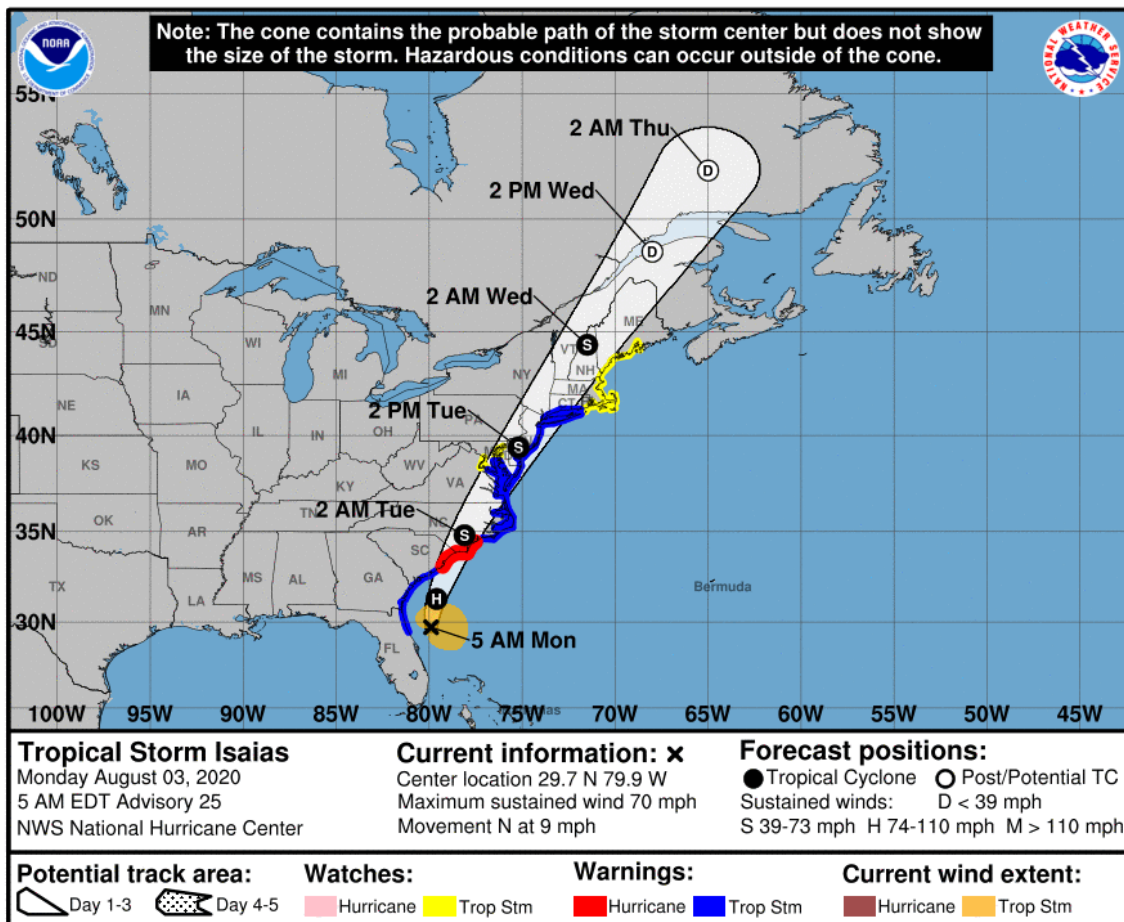
03 Aug 2020 08:40Z NOAA/NESDIS/STAR GOES-East Sandwich

SUMMARY OF 500 AM EDT...0900 UTC...INFORMATION

LOCATION...29.7N 79.9W
ABOUT 115 MI...185 KM ESE OF JACKSONVILLE FLORIDA
ABOUT 280 MI...455 KM SSW OF MYRTLE BEACH SOUTH CAROLINA
MAXIMUM SUSTAINED WINDS...70 MPH...110 KM/H
PRESENT MOVEMENT...N OR 355 DEGREES AT 9 MPH...15 KM/H
MINIMUM CENTRAL PRESSURE...994 MB...29.36 INCHES

- ✓ Isaias is a Tropical Storm with maximum sustained winds near 70 mph, as of 5 AM Monday.
- ✓ Isaias is expected to be near hurricane strength Today
- ✓ For our region, it important not to become focused on near-term fluctuations in intensity.

Latest NHC Advisory

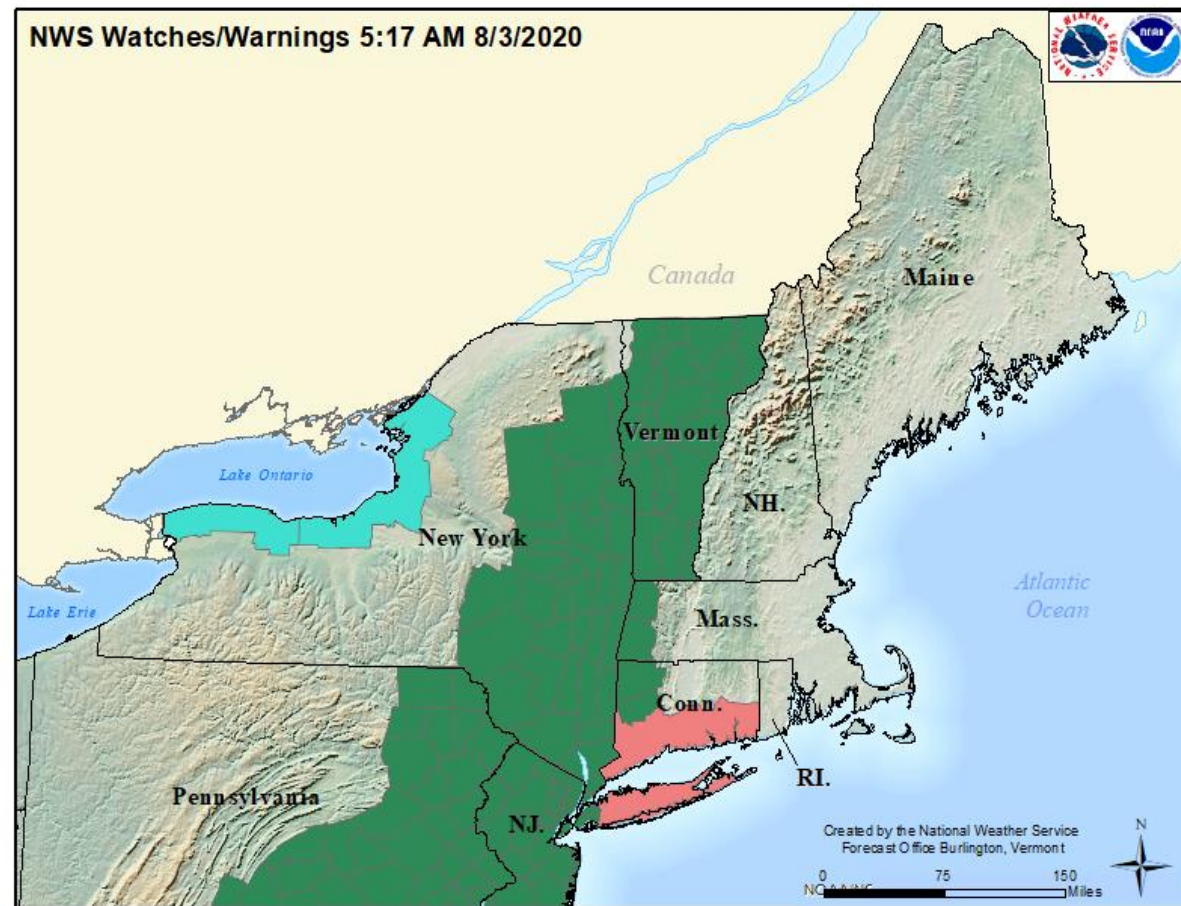


- ✓ **Isaias** was near the South Carolina Coast at 5 am Monday.
- ✓ Isaias is expected to track northward, and the forward motion will increase today into Tuesday.
- ✓ Rain will develop on Tuesday and become heavy at times by Tuesday afternoon into Tuesday night, especially from the Eastern Adirondacks into most of Vermont.

For more information, check our webpage with tropical information at <https://www.weather.gov/btv/tropical> and the National Hurricane Center at <https://www.nhc.noaa.gov/>

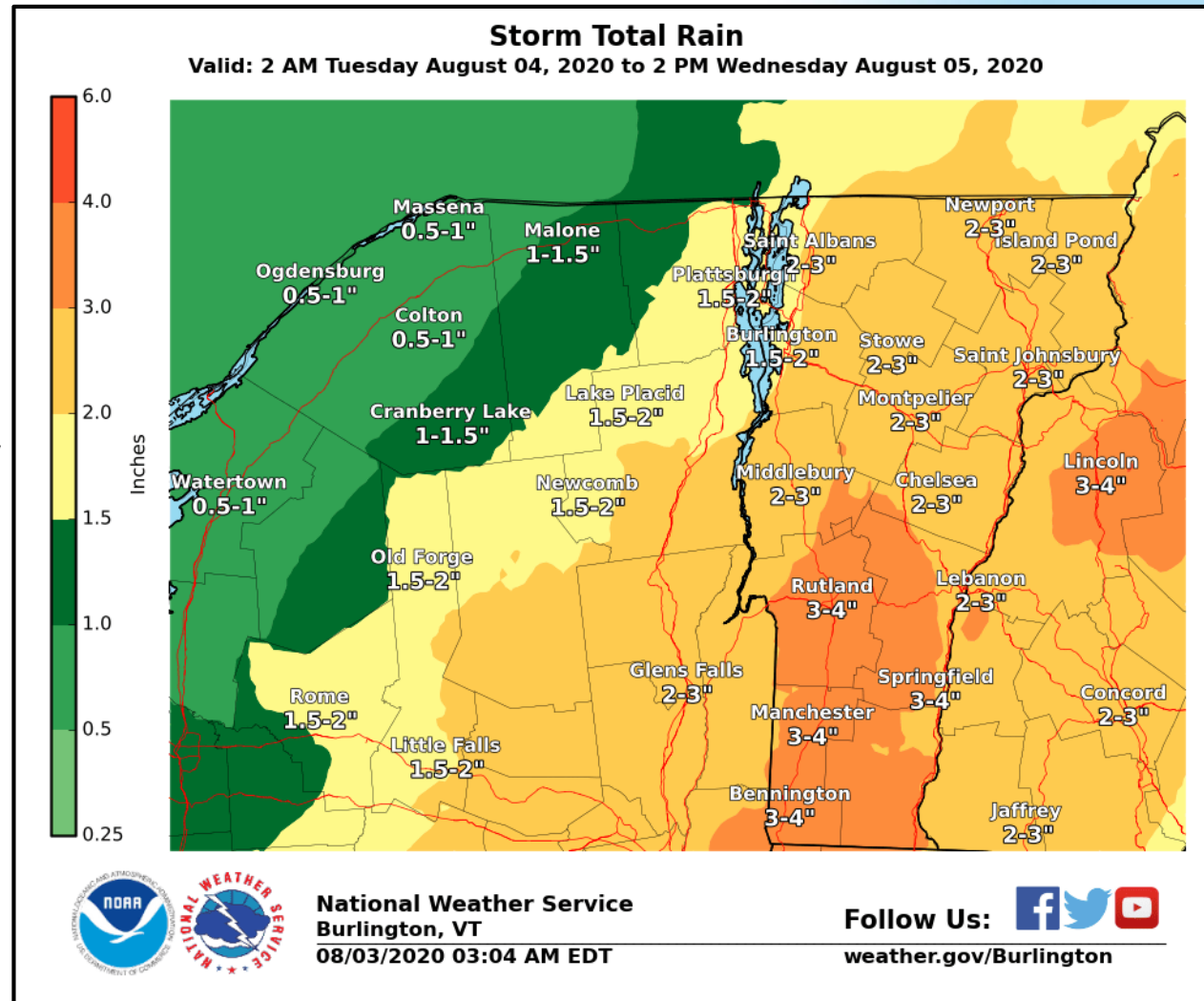
Flash Flood Watch

- ✓ Flash flood watch from 2 PM Tuesday until 11 AM Weds
- ✓ Essex County, NY and all of VT, except Grand Isle County
- ✓ 1 to 3 inches of rain with isolated higher amounts possible
- ✓ Localized flash flooding possible



Rainfall Forecast (Tuesday through Wednesday)

- ✓ Storm total rainfall of 1-3" with localized higher amounts possible for eastern, central and southern VT
- ✓ When: Tuesday into Tuesday night
- ✓ Any change in the forecast track would shift the heavy rainfall axis.



Potential Flooding Impacts – Urban and Flash Flooding

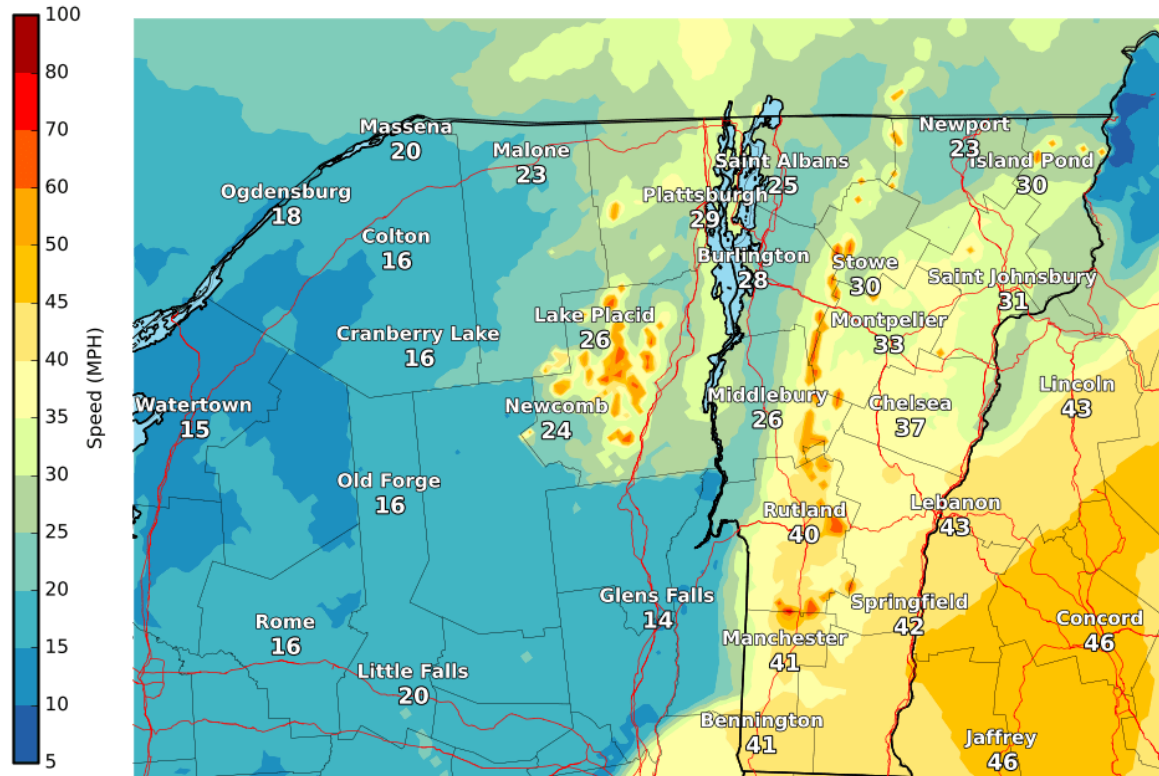
- ✓ Urban street flooding, ponding of water on low-lying roads, clogged storm drains.
- ✓ Washed out culverts and washed out dirt road shoulders/roads
- ✓ Very heavy rainfall rates over any given location can lead to localized Flash Flooding, especially highly sloped, small drainage basins and urban areas.
- ✓ Sharp rises on streams and rivers expected, but widespread river flooding is low



Wind Impacts

- ✓ Localized gusts up to 45 mph possible
- ✓ Eastern Vermont and portions of the southern Green Mountain
- ✓ Isolated power outages possible
- ✓ Highest gusts between 4 PM and Midnight on Tuesday

North Country Maximum Wind Gust
Valid: 8 PM Tuesday August 04, 2020 to 2 PM Wednesday August 05, 2020



National Weather Service
Burlington, VT
08/03/2020 05:15 AM EDT

Follow Us:   
weather.gov/Burlington



Isaias Impacts

- ✓ Flash Flood Watch for Essex County, NY and all of VT, except Grand Isle County from 2 PM Tuesday to 11 AM Wednesday
- ✓ The threat for localized flash flooding due to very high rainfall rates has increased, especially across urban areas with poor drainage and complex terrain
- ✓ Storm total rainfall of 1 to 3" with localized higher amounts possible for central, eastern and southern VT.
- ✓ Sharp rises on streams and rivers are possible, but widespread river flooding is not expected.
- ✓ Localized wind gusts up to 45 mph with isolated power outages possible for eastern VT and southern Green Mountains
- ✓ The eventual track of Isaias will influence where the axis of heaviest rainfall occurs.

Tropical Links

- National Hurricane Center
 - <https://www.nhc.noaa.gov/>
- BTV Tropical Weather Page
 - <https://www.weather.gov/btv/tropical>

Flood Safety Tips

- NWS Flood Safety Tips and Resources
 - <https://www.weather.gov/safety/flood>

Contact and Next Briefing Information

Next Briefing:
Monday, August 3, 2020 by 6 PM
Monitor updated forecasts



Web:
<http://www.weather.gov/btv/>



Phone (UNLISTED):
(802) 863-4279 or (802) 658-0150



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