

Heavy Rain, Severe Weather Threat & Dangerous Heat Conditions

Decision Support Briefing # **2**
As of: 445 AM Wednesday, July 17, 2019

What Has Changed?

- ✓ Severe weather threat increased from Marginal to Slight risk this afternoon into the early evening from the Capital District to southern Vermont, and points south

Thunderstorms Can Produce

HEAVY RAIN



Don't Drive Through Moving or Standing Water

6

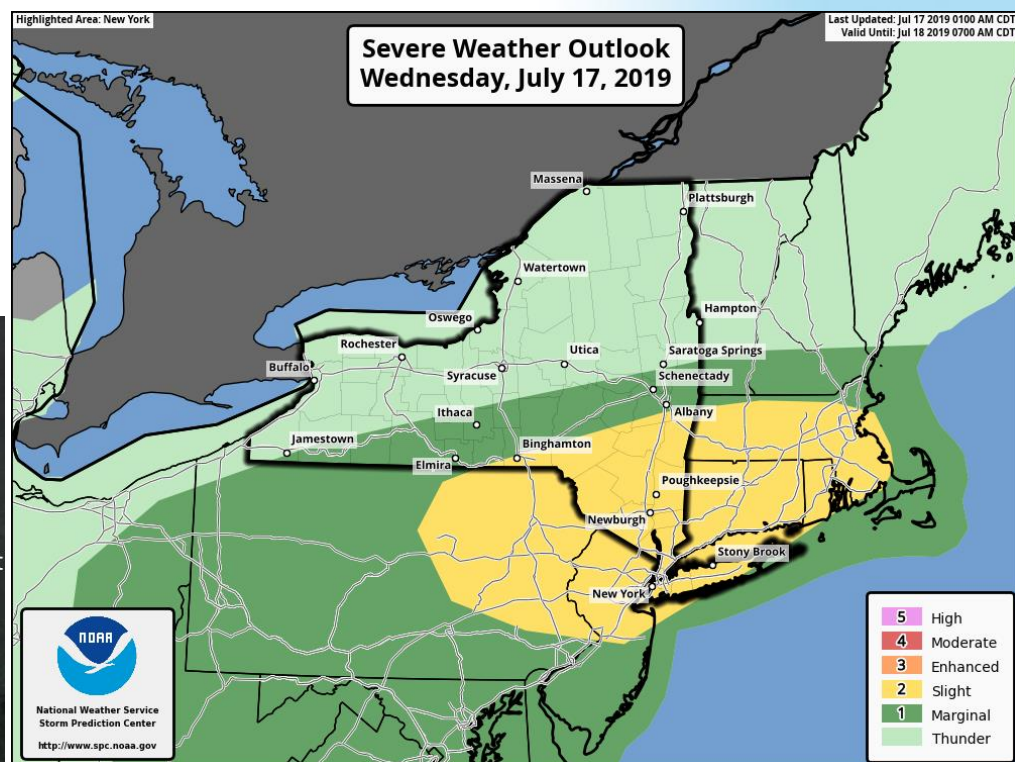
It Only Takes 6 Inches Of Flowing Water To Sweep You Off Your Feet






If You Can't See The Road, Turn Around. Don't Drive Around Barricades!



weather.gov/thunderstorm



Main Points

Hazard	Impacts	Location	Timing
Flooding 	Flooding of poor drainage and low lying areas and possibly leading to isolated flash flooding	Eastern New York and western New England	This afternoon and tonight
Wind 	Downed trees and power lines, and isolated structural damage associated with the strongest storms	The Capital District to southern Vermont and points south	This afternoon into the early evening
Heat 	Dangerous heat conditions and potential heat stroke	Eastern New York and western New England	Friday, Saturday & Sunday especially during the afternoon into the early evening hours

Heavy Rainfall

Impacts:

- ✓ Heavy rainfall causing some flooding of poor drainage and low lying areas with isolated flash flooding possible

Timing:

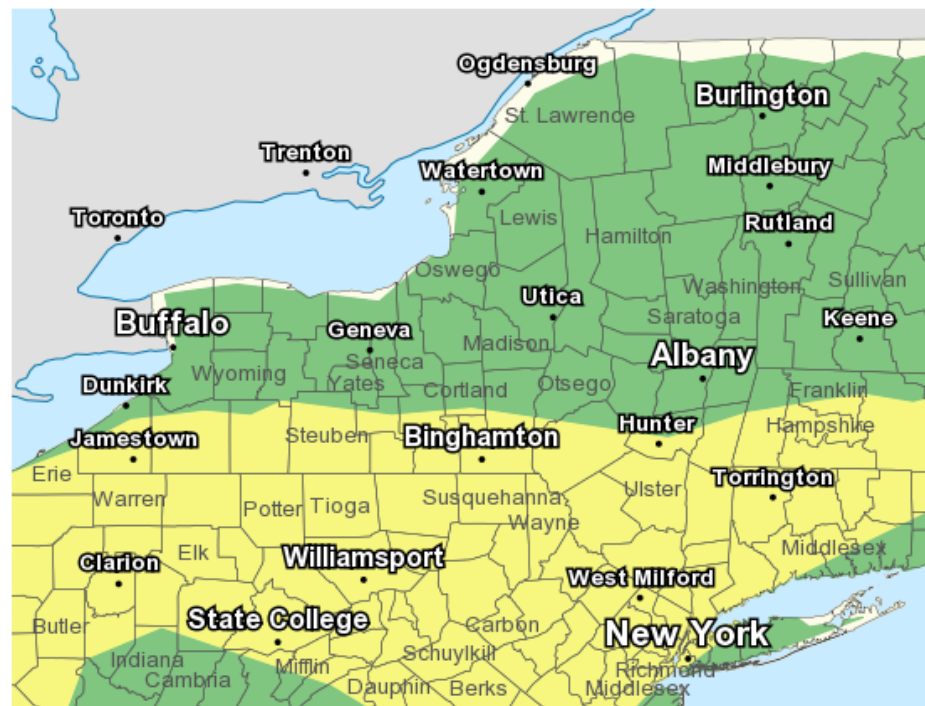
- ✓ This afternoon and tonight

Location:

- ✓ Especially south of Interstate 90

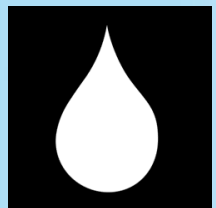


Day One Excessive Rainfall Outlook



Graphic Created
July 17th, 2019
4:12 AM EDT

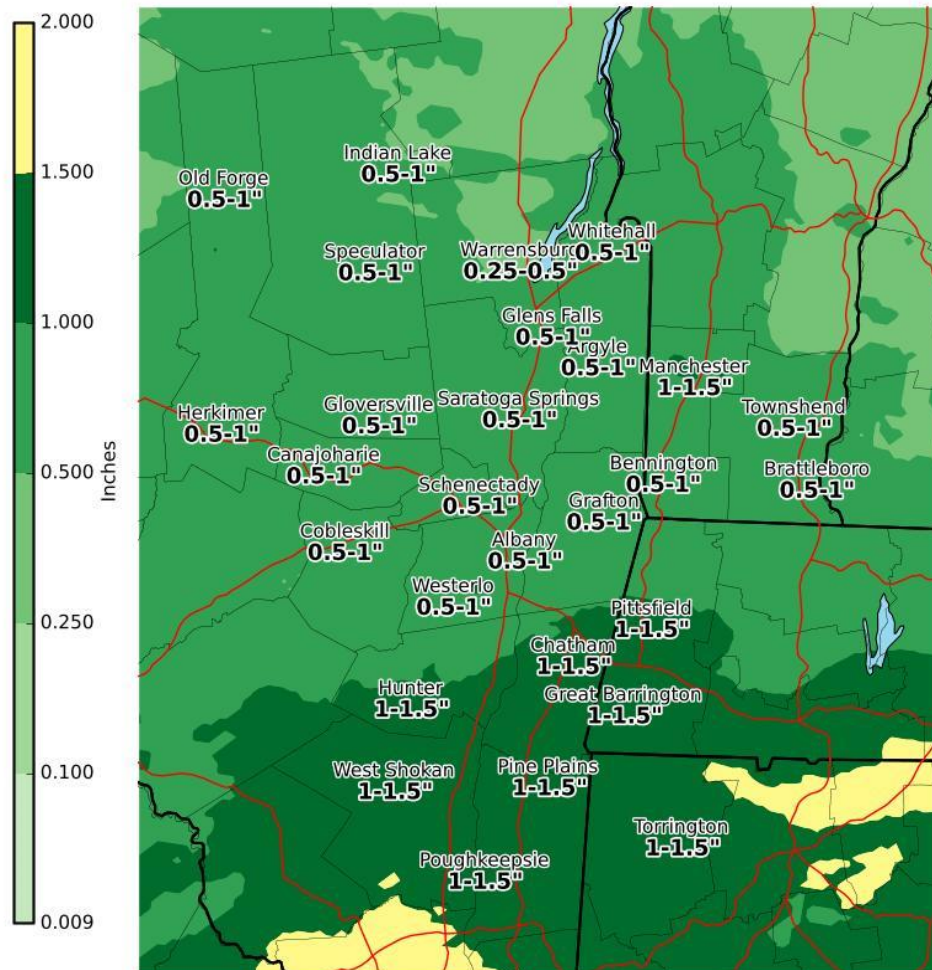




Locally higher amounts are expected especially where stronger thunderstorms occur and in areas that get repeated rainfall

Rain Forecast

Valid: 07/17/2019 02:00 AM - 07/18/2019 08:00 AM EDT



Severe Weather Threat

Impacts:

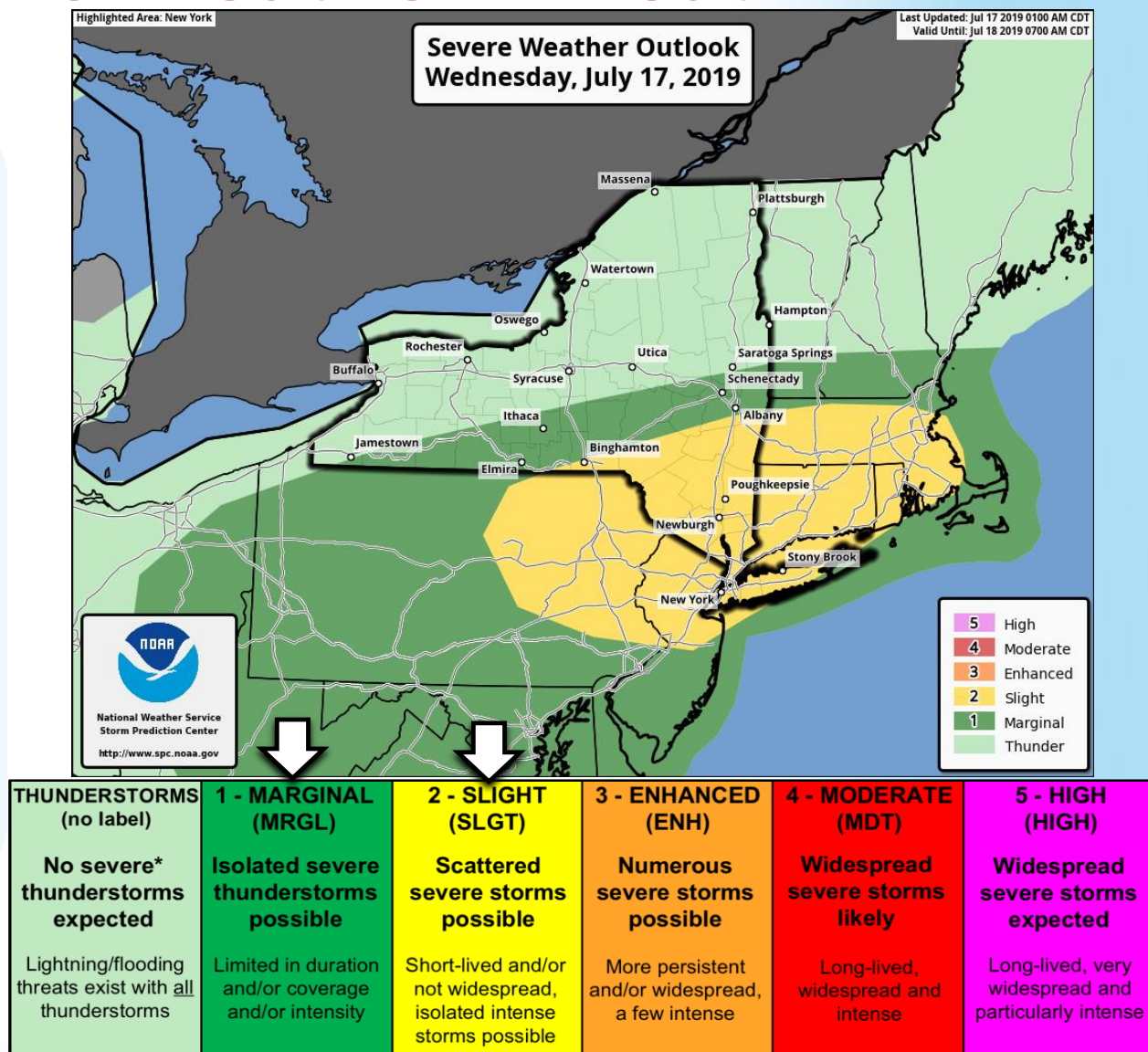
- ✓ Main threat:
Damaging wind gusts

Timing:

- ✓ This afternoon into the early evening

Location:

- ✓ Capital District to southern Vermont and points south



Dangerous Heat Conditions

Friday, Saturday & Sunday

HEAT ADVISORY is issued when dangerous heat conditions are expected.

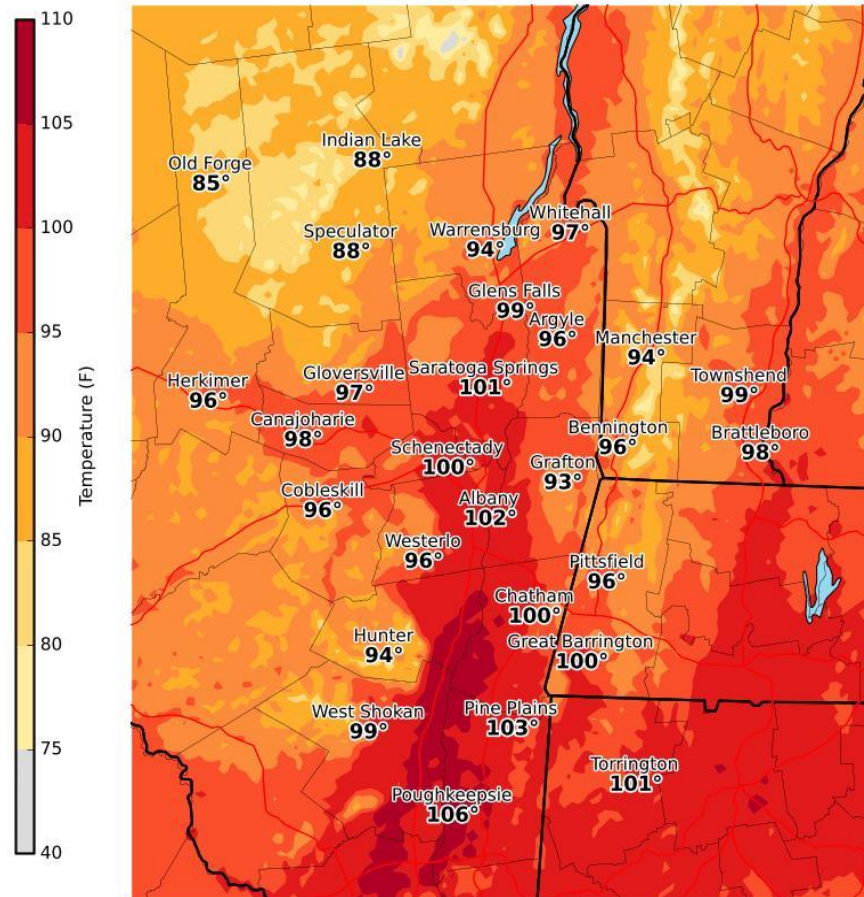
- Heat Indices of 95 degrees or more for two or more consecutive hours for New York State excluding the Lower Hudson Valley, New York City & Long Island and for Vermont.
- Heat Indices of 95-99 degrees for 2 consecutive days or 100 to 104 degrees for any duration in New York State for the Lower Hudson Valley, New York City & Long Island and for Connecticut & Massachusetts.

EXCESSIVE HEAT WARNING is issued when extremely dangerous heat conditions are expected.

Specifically for heat indices of 105+ degrees for two or more hours for New York State, Connecticut, Massachusetts and Vermont.

Forecasted peak Heat Index

Valid: Saturday, July 20, 2019



National Weather Service
Albany, New York

07/17/2019 04:34 AM EDT

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weather.gov/Albany



Dangerous Heat Conditions

Heat Related Deaths
ARE Preventable
LOOK BEFORE YOU LOCK



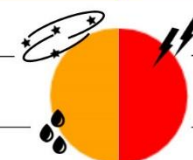





weather.gov/heat

nhtsa.gov

The temperature in your car can quickly become deadly!

Outside Temperature 80°



HEAT EXHAUSTION	OR	HEAT STROKE
Faint or dizzy		Throbbing headache, confusion
Excessive sweating		No sweating
Cool, pale, clammy skin		Body temperature above 103° Red, hot, dry skin
Nausea or vomiting		Nausea or vomiting
Rapid, weak pulse		Rapid, strong pulse
Muscle cramps		May lose consciousness
<ul style="list-style-type: none"> Get to a cooler, air conditioned place Drink water if fully conscious Take a cool shower or use cold compresses 		<p>CALL 9-1-1</p> <ul style="list-style-type: none"> Move person to cooler place Cool using cool cloths or bath Do not give anything to drink

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weather.gov/Sacramento



 @SacramentoOES
SacramentoReady.org



Event Summary

Today and tonight: Showers and thunderstorms will become widespread this afternoon as a cold front approaches and tropical moisture moves across the area.

- ✓ Confidence:
 - ✓ Heavy Rainfall: Moderate
 - ✓ Severe Weather Threat: Low



Thunderstorms will contain locally heavy rainfall, which may produce isolated flash flooding, especially where multiple thunderstorms occur.



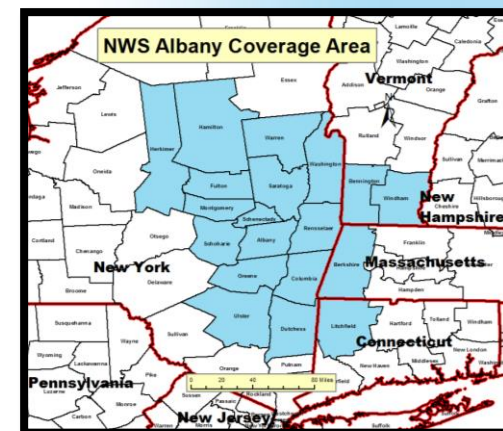
There is a marginal to slight risk of severe weather mainly from the Capital District to southern Vermont and points south this afternoon into the early evening. The main threat is damaging wind gusts.

Friday, Saturday & Sunday: Hot temperatures combined with high humidity levels are expected creating dangerous heat conditions. Heat Advisories and/or Excessive Heat Warnings may be needed.

Contact and Next Briefing Information



Next Briefing
When: 6 PM Wed, July 17, 2019
Method: E-mail



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<http://weather.gov/aly>



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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 6 PM July 17, 2019

