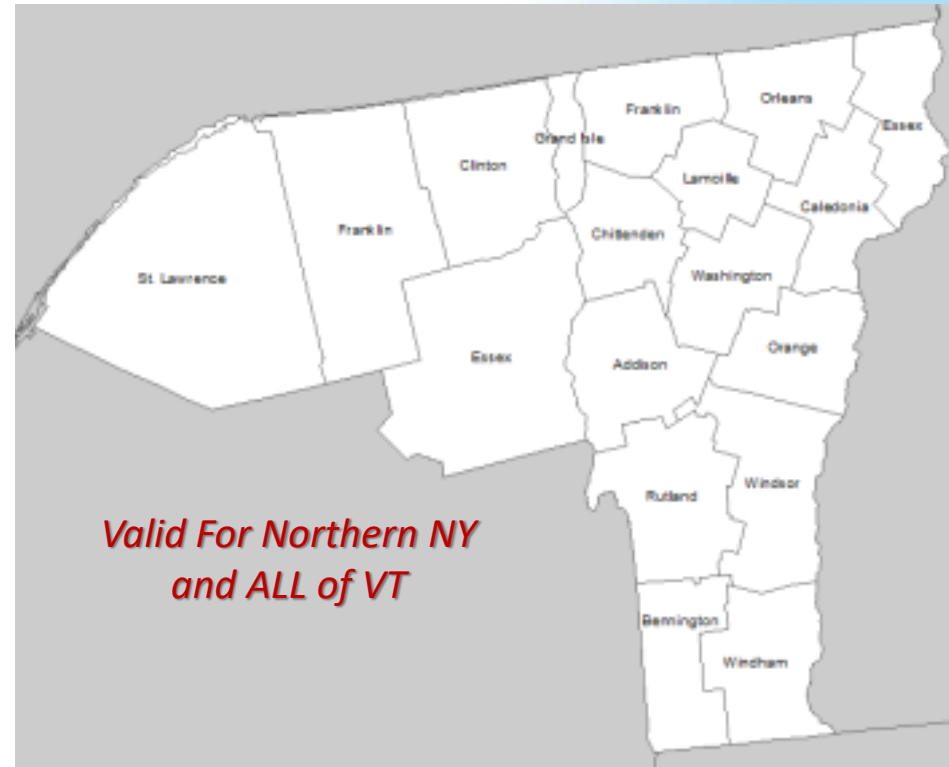


# Widespread Significant Flooding Event




Decision Support Briefing  
As of: 5 AM, July 10<sup>th</sup> 2023



## What Has Changed?

- ✓ Forecast remains on track with no significant changes to flood threat.
- ✓ Could see some gusty winds Tuesday 20-30 mph after the rainfall comes to an end.

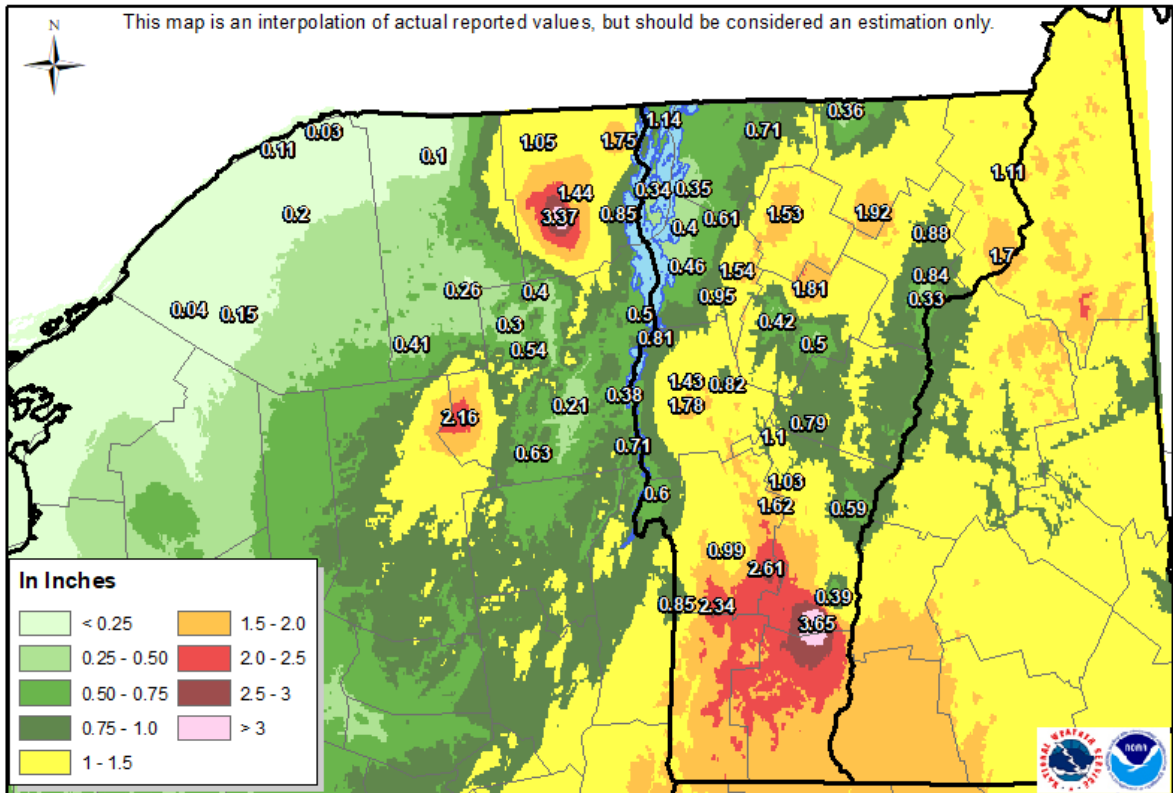
# Expected Hazards

Hazard	Impacts	Location	Timing
<b>Flash Flooding</b> 	<p>Widespread significant to potentially catastrophic flash flooding, especially where multiple storms train over the same area, in locations that have seen recent heavy rainfall, and in areas of steep terrain</p>	<p>All of Vermont, northeastern New York</p>	<p>Today</p>
<b>River Flooding</b> 	<p>Widespread heavy rainfall will cause significant rises on area rivers, with several forecasted to exceed flood stage</p>	<p>Much of northeastern New York and Vermont</p>	<p>This afternoon into Tuesday</p>
<b>Gusty Winds</b> 	<p>Some additional power outages possible due to gusty winds. Winds only forecast 20-30 mph at this time, but with saturated soils this may cause additional problems.</p>	<p>Northeast Kingdom of Vermont</p>	<p>Tuesday Afternoon</p>

# Rainfall Reports So Far as of 4 AM

## Rainfall reports as of 4 AM Monday July 10

North Country Storm Total Rainfall Ending July 10, 2023



Created by the National Weather Service Forecast Office Burlington, Vermont  
Sources: NWS observers & spotters, media, public, state & local officials

Created: 7/10/2023 4:00 AM

### What has happened so far:

- ✓ Waves of heavy rain fell overnight. Hardest hit areas overnight have been southern Vermont, where 3+ inches of rain locally fell over just a couple of hours.
- ✓ As of 4:30 AM, the wave of heavy rain is progressing northward into central Vermont.
- ✓ Multiple road washouts reported in southern Rutland and Windsor Counties as of 4:30 AM.
- ✓ Will likely get more reports over the next few hours as people wake. Please pass on any flooding reports you receive!

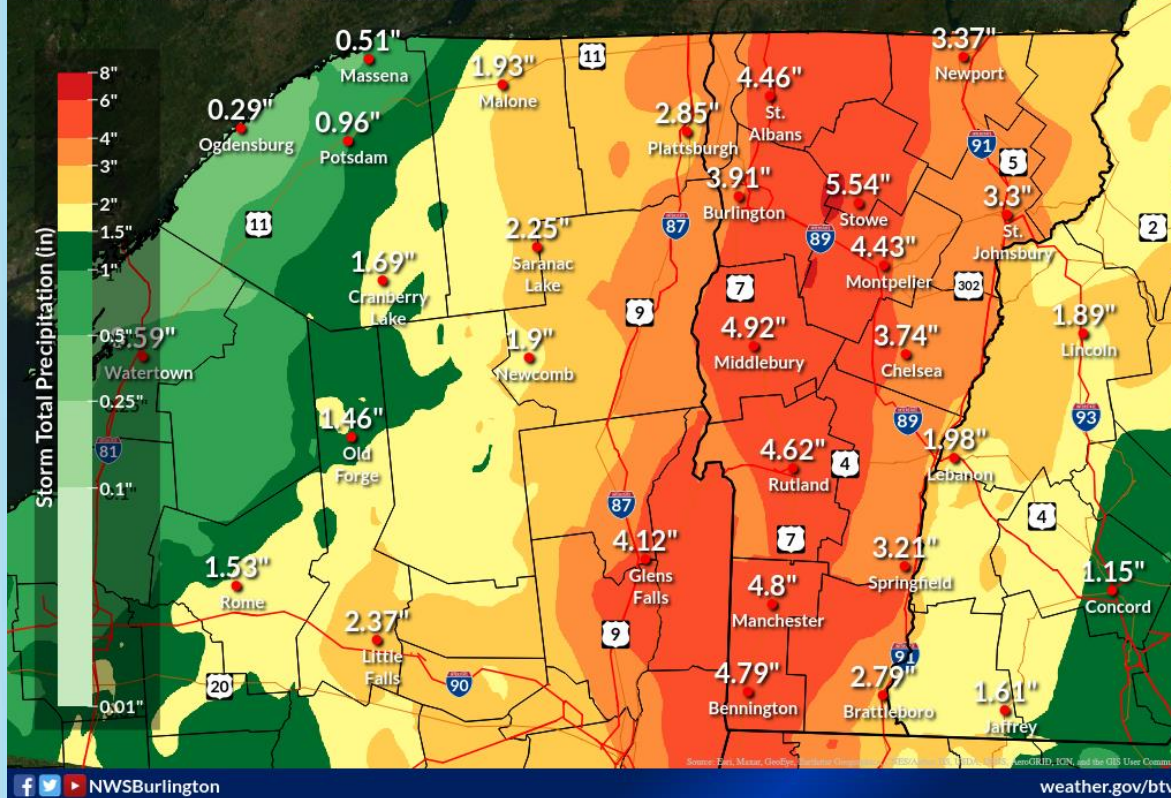
# Storm Total Rainfall

## Storm Total Rainfall Forecast

Valid 8 PM Sunday July 9 through 8 PM Tuesday July 11

Weather Forecast Office  
Burlington, VT

Issued Jul 10, 2023 3:35 AM EDT



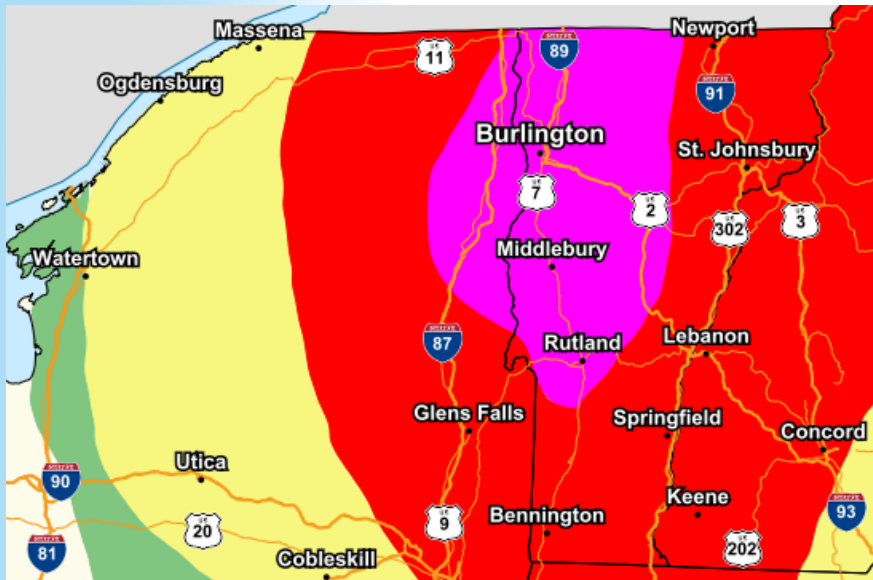
### Timing and Magnitude

- ✓ Waves of heavy rain will continue today, interspersed with periods of lighter rain at times. This is a long duration event.
- ✓ A round of heavy showers/thunderstorms is expected over central/western Vermont and eastern New York this afternoon.
- ✓ Widespread heavy rainfall of 2-5 inches, locally 7+ inches, will lead to widespread flooding for much of the region

### Impacts

- ✓ Given recent heavy rainfall, saturated soils, and elevated river levels, numerous floods are likely.
- ✓ By this evening, the threat transitions to more of an areal and river flood threat.
- ✓ Several river basins will likely reach flood stage today into early Tuesday, including the Winooski, Ausable, Mad, Lamoille, and Otter Creek

# Today and Tonight: Areal/River Flooding Expected Additional Flash Flooding Likely



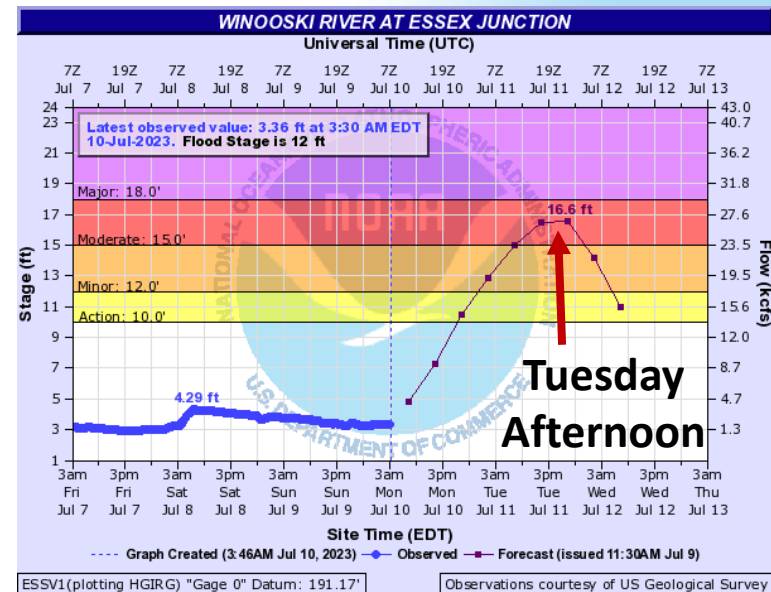
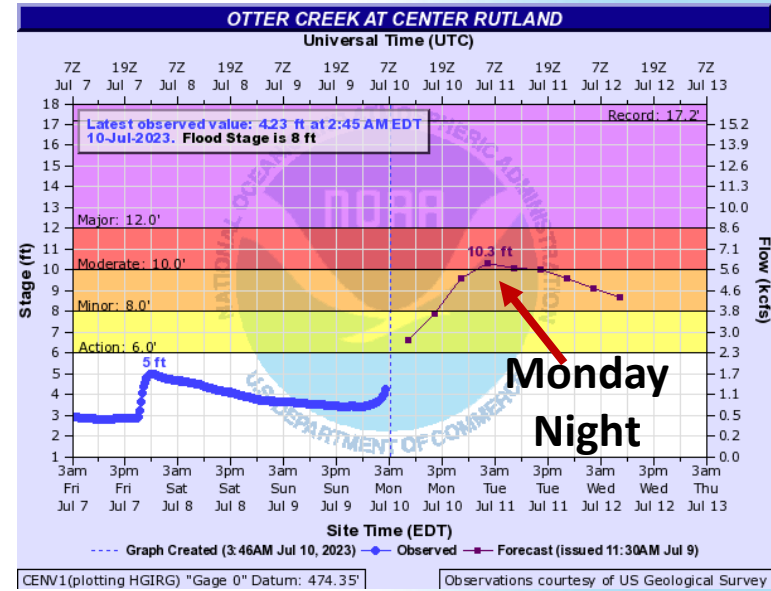
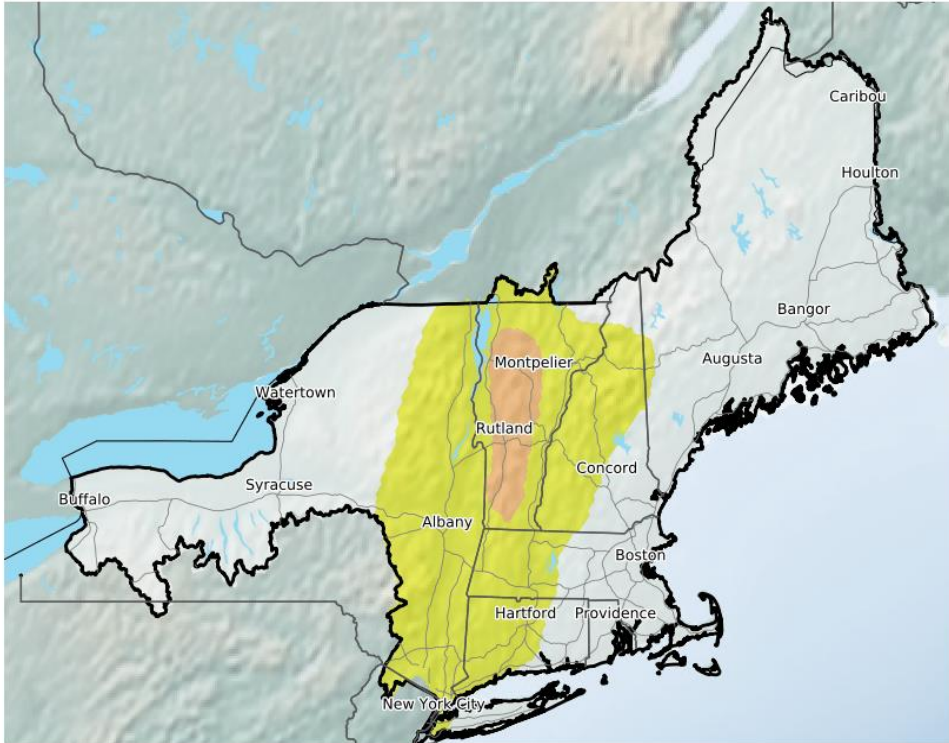
**Monday Excessive Rainfall Outlook**

MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.

- ✓ Widespread heavy rain transitions toward scattered showers and thunderstorms by mid/late morning
- ✓ Another round of heavier rainfall is expected this afternoon after a period of lighter rain
- ✓ Significant to potentially catastrophic widespread flash flooding threat remains on track
- ✓ Larger mainstem rivers already rising sharply, with several gages expected to approach/exceed flood stage during the evening/overnight hours
- ✓ Additional washed out roads possible

## 5-Day Significant River Flood Outlook

Valid: 07/09/2023 08:00 AM - 07/14/2023 08:00 AM EDT



National Weather Service  
Northeast RFC  
07/09/2023 12:53 PM EDT

Follow Us:   
weather.gov/nerfc

Significant River Flooding impacts include road hazards and damage to residential, commercial, and/or agricultural areas. Evacuation may be required. Flash flooding or Minor river flooding are NOT included in this outlook. Check your local weather forecast frequently for the most up-to-date information for your area.

Shaded areas are the forecast region of the Northeast River Forecast Center

- Significant River Flooding Not Expected
- Significant River Flooding Possible  
Weather conditions indicate, without certainty that significant river flooding could occur
- Significant River Flooding Likely  
Weather conditions indicate that significant river flood conditions can be expected
- Significant River Flooding Occurring  
Significant river flooding is occurring at this time

For additional river forecasts, visit [AHPS page](#)  
(Advanced Hydrologic Prediction Service)

Weather Forecast Office  
Burlington, VT

Follow us: [www.weather.gov/btv](http://www.weather.gov/btv)



Presentation Created  
7/10/2023 4:55 AM

# Contact and Next Briefing Information



**Next Briefing**  
*When: By 5 PM on 7/10/2023*  
*Method: E-mail*



**Briefing Webpage:**  
<http://www.weather.gov/btv/EMBriefing>



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



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



**E-mail:**  
[nwsbtv.info@noaa.gov](mailto:nwsbtv.info@noaa.gov)



**Facebook:**  
<https://www.facebook.com/NWSBurlington>



**Twitter:**  
<https://twitter.com/NWSBurlington>



**YouTube:**  
<https://www.youtube.com/NWSBurlington>

**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use 12 hours after issuance.*