

Flooding, Strong/Damaging Winds and Severe T-storm Threat

Decision Support Briefing #4

As of: 5 PM
Thursday, Oct 31, 2019

**FLOODING AHEAD
TURN AROUND
DON'T DROWN**

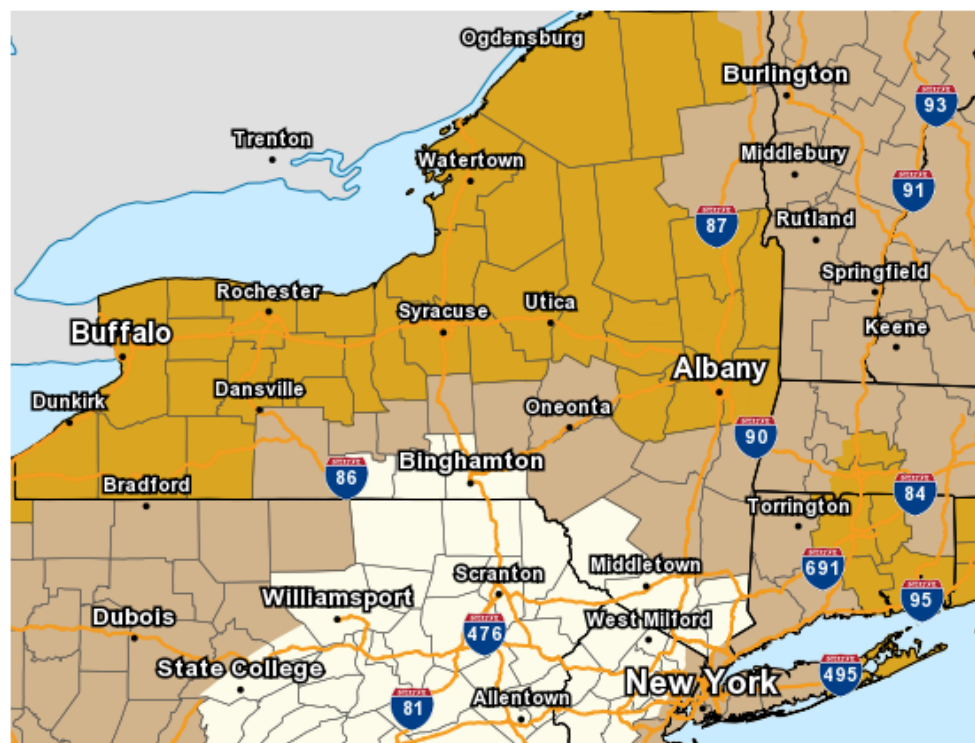
What Has Changed?

- ✓ High Wind Warning issued for 5 am through 6 pm Friday for gusts up to 65 mph
- ✓ Flood Watch is now in effect until 8 pm Friday



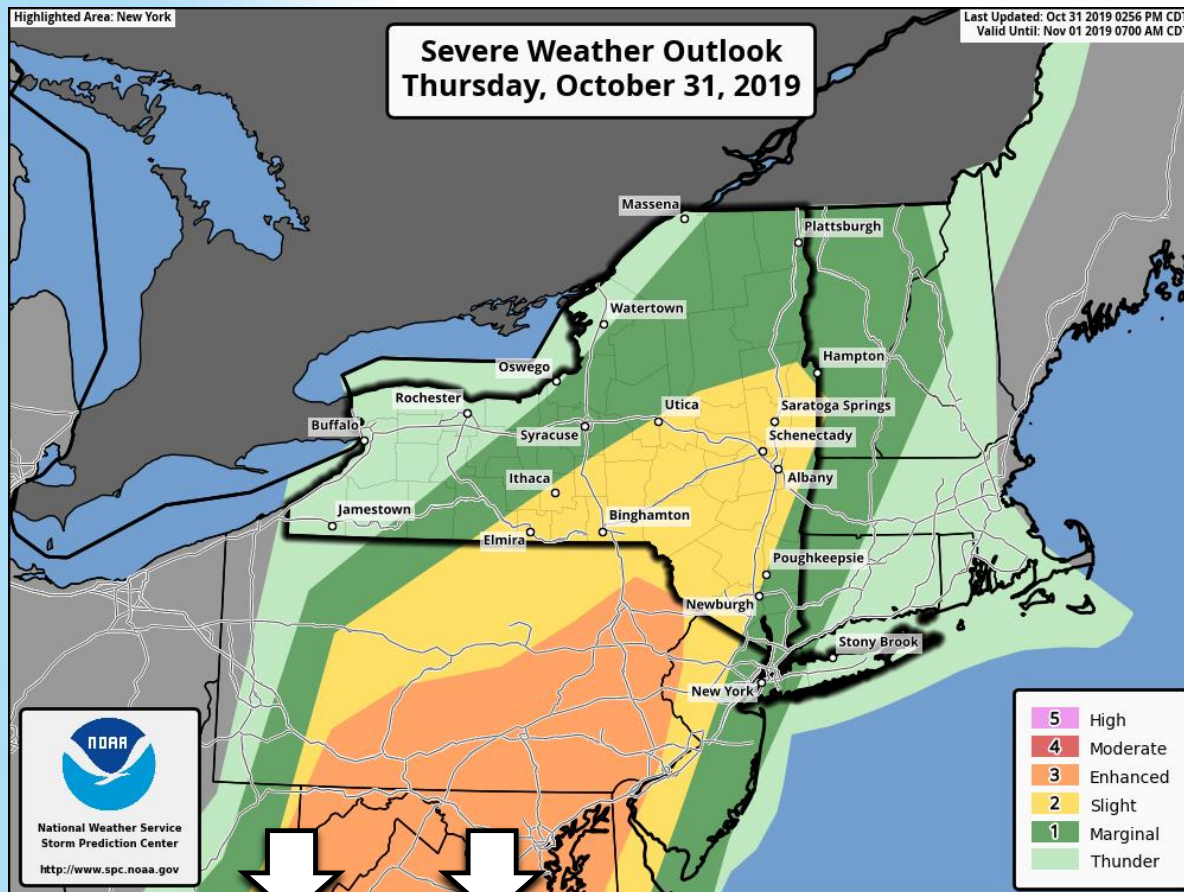
Wind Watches Warnings and Advisories

■ High Wind Warning
■ Wind Advisory



Graphic Created
October 31st, 2019
4:46 PM EDT





Impacts:

- ✓ Downed branches, trees and power lines
- ✓ Isolated structural damage
- ✓ Power Outages
- ✓ Lightning Strikes

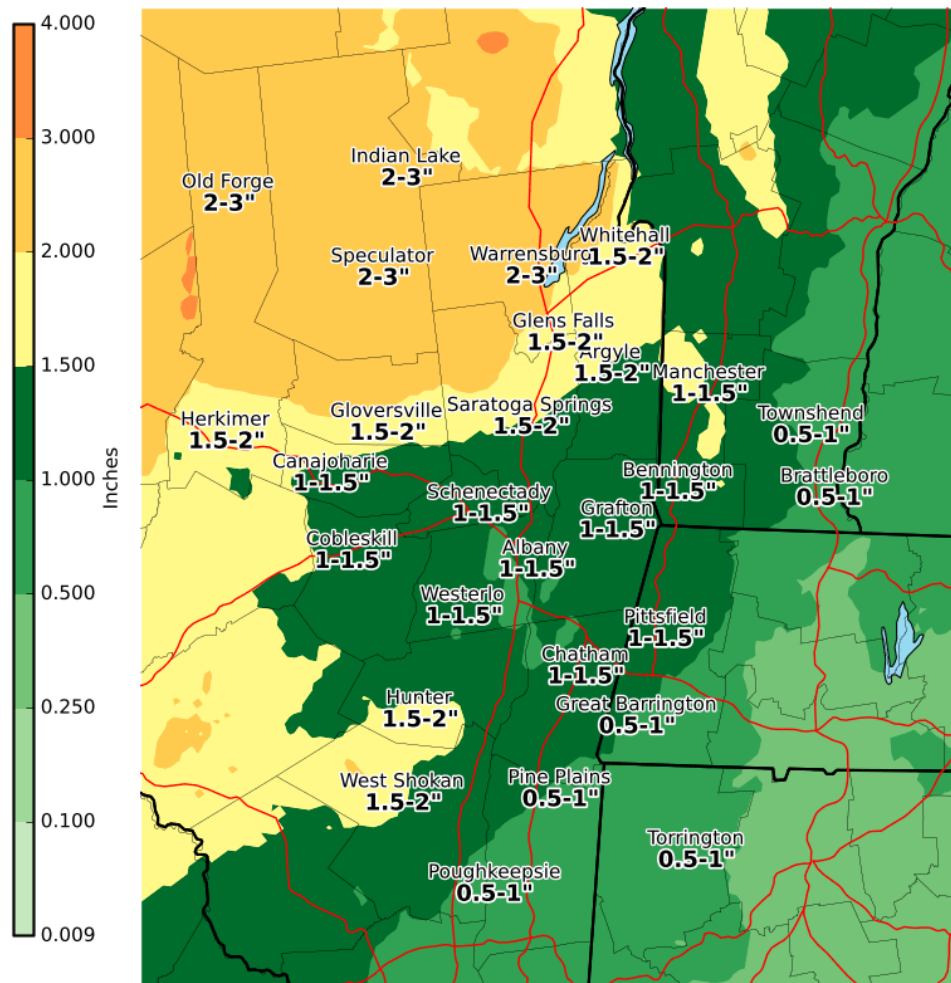
Timing:

- ✓ 8 pm today through 3 am tonight

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense

Rain Forecast

Valid: This Afternoon Through Friday



Storm Total Rainfall:

- ✓ Through Friday with bulk of the rainfall occurring tonight
- ✓ Widespread 1 to 2 inches
- ✓ Localized up to 3 inches across the Adirondacks



National Weather Service
Albany, New York
10/31/2019 04:24 PM EDT

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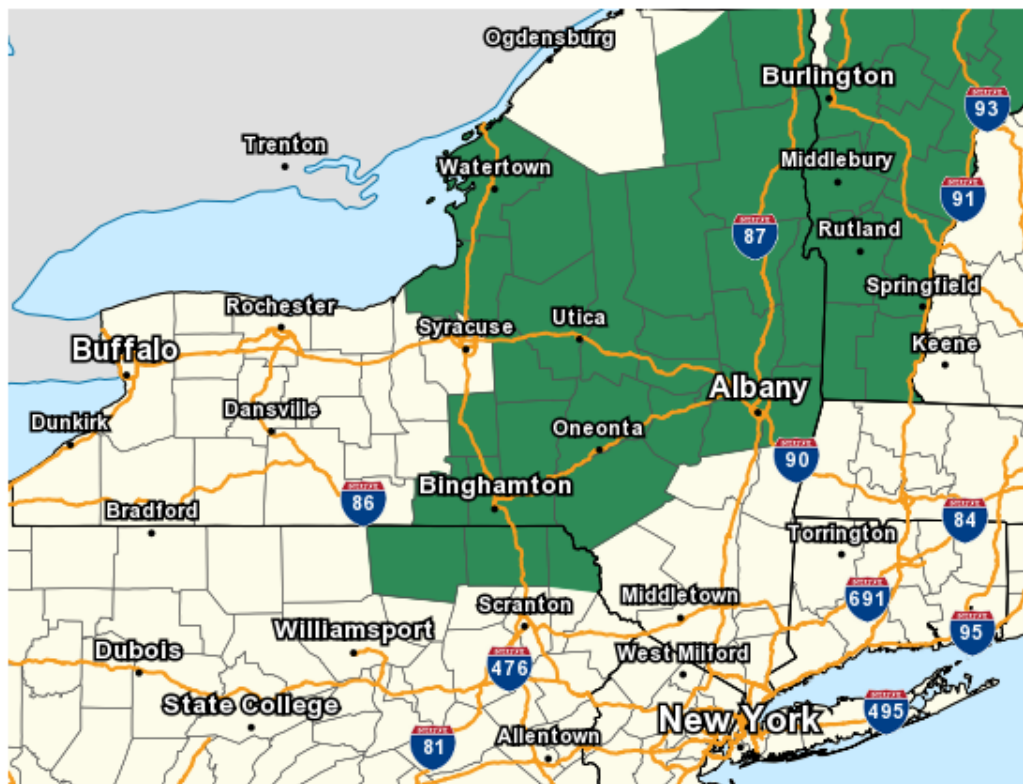


Flood Watch through 8 pm Friday



Flood Watches Warnings and Advisories

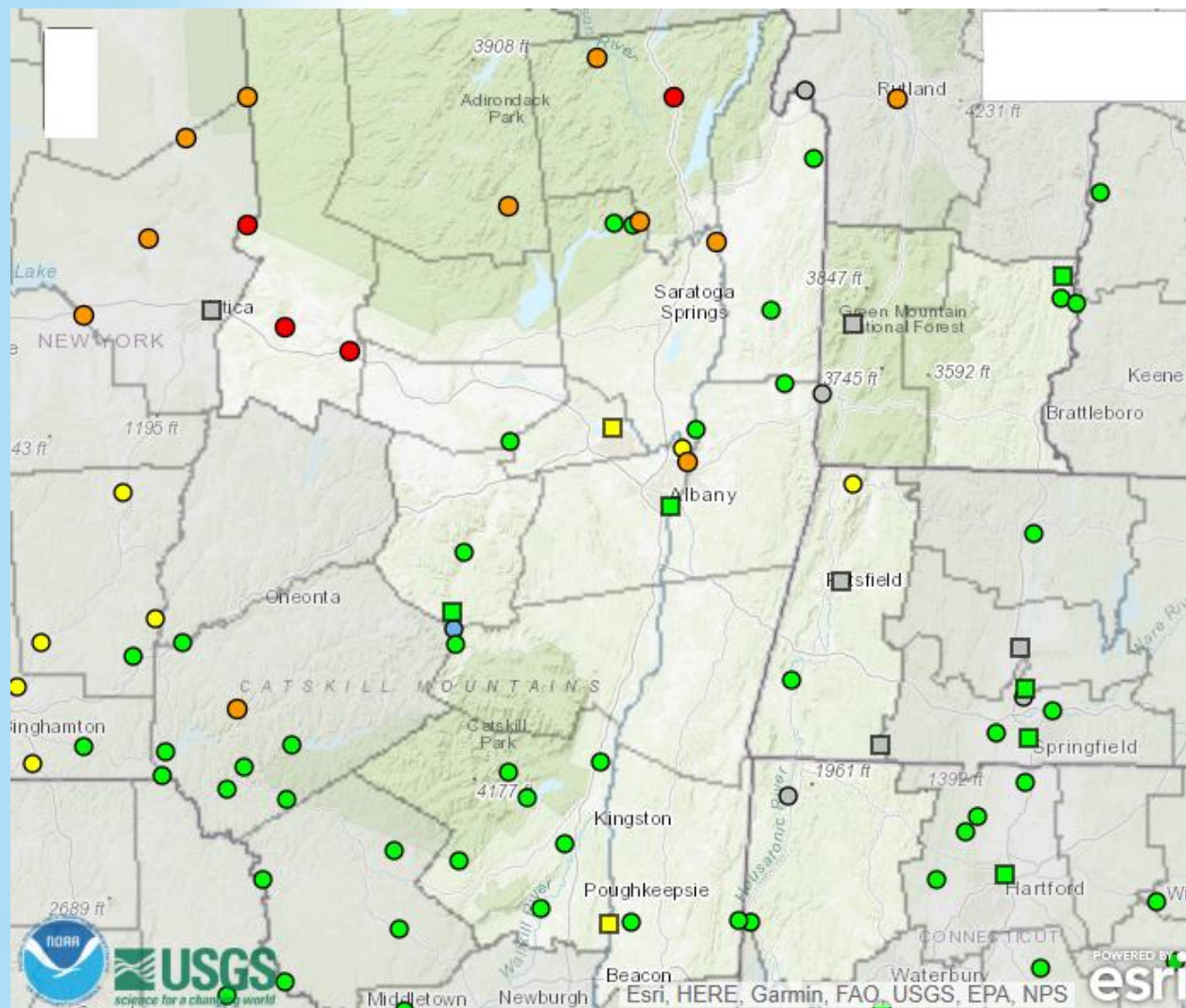
■ Flood Watch



Graphic Created
October 31st, 2019
3:17 PM EDT

- ✓ Sharp rises on many streams and rivers will occur across the Mohawk River Basin, northern Hudson River Basin, headwaters from the Adirondacks, Walloomsac and Hoosic River Basins with minor to moderate flooding expected

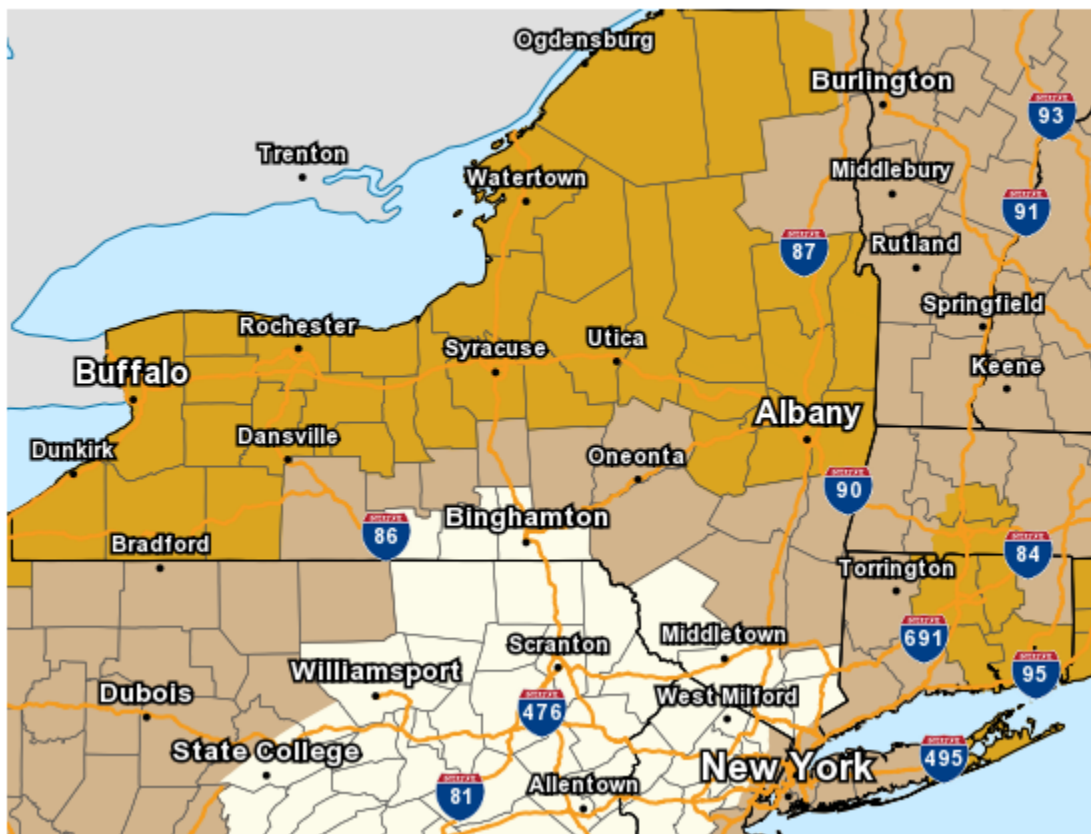
River Points Expected to Reach Flood Stage



- ✓ Points in **RED** expected to reach **moderate** flood stage
- ✓ Points in **ORANGE** expected to reach **minor** flood stage
- ✓ Points in **YELLOW** expected to reach **action** stage
- ✓ Points in **GREEN** expected to stay below action stage



Wind Watches Warnings and Advisories



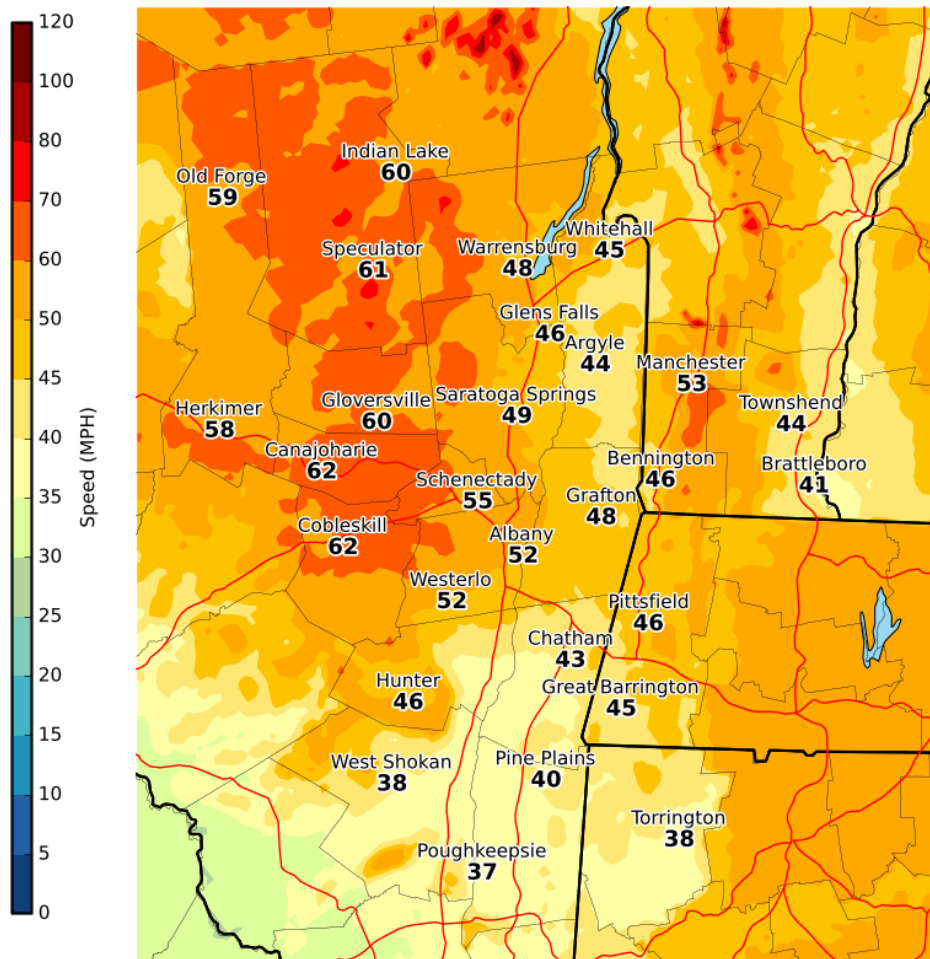
Impacts:

- ✓ Downed branches, trees and power lines
- ✓ Isolated structural damage
- ✓ Power outages especially Friday when the strongest winds are expected

Graphic Created
October 31st, 2019
4:46 PM EDT

Maximum Wind Gusts

Valid: Through 8 pm Friday



Maximum Wind Gusts

- ✓ Southerly winds becoming westerly overnight
- ✓ Sustained winds 15 to 25 mph with gusts up to 50 mph through the overnight
- ✓ Sustained winds 15 to 30 mph with gusts up to 50 to 65 mph Friday
- ✓ Strongest winds expected 8 am through 4 pm Friday

Event Summary

- ✓ Confidence is **moderate** for heavy rain and **high** for strong/damaging winds to result in impacts, along with embedded severe thunderstorms with damaging wind gusts
- ✓ A line of strong to severe thunderstorms is possible this evening into the overnight hours with damaging winds the primary threat
- ✓ Sharp rises on many streams and rivers will occur across the Mohawk River Basin, northern Hudson River Basin, headwaters from the Adirondacks, Walloomsac and Hoosic River Basins with minor to moderate flooding expected
- ✓ Poor drainage flooding in urban and low lying areas, especially where fallen leaves have clogged storm drains
- ✓ Wind gusts of 50 to 65 mph resulting in downed branches, trees and power lines resulting power outages and isolated structural damage
- ✓ Period of greatest impact:
 - ✓ Flood Watch: through 8 pm Friday
 - ✓ Wind Advisory: through 8 pm Friday
 - ✓ High Wind Warning: 5 am to 6 pm Friday (strongest winds 8 am to 4 pm Friday)



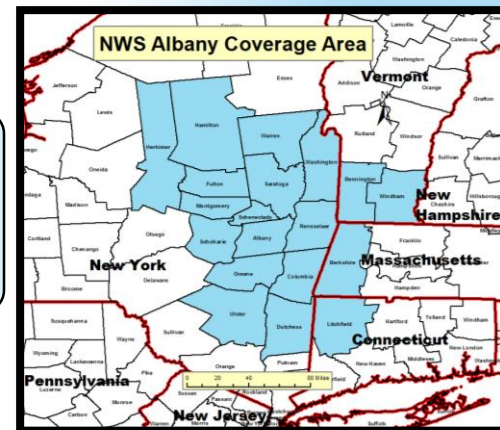
Contact and Next Briefing Information



Next Briefing

When: By 6 AM on Friday 11/1/2019

Method: E-mail



Web:

www.weather.gov/aly



E-mail:

Alb.stormreport@noaa.gov



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Disclaimer: The information contained within this briefing is time-sensitive. Do not use after 6 AM Friday, November 1st