

# HEAVY RAIN AND HEAT WAVE UPDATE FROM DESPP/DEMHS 5:00 PM – JULY 12<sup>TH</sup> 2024

Connecticut Department of Emergency Services & Public Protection  
Division of Emergency Management & Homeland Security

Governor Ned Lamont  
Ronnell A. Higgins, Commissioner  
Brenda M. Bergeron, Deputy Commissioner  
William H. Turner III, Director

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# OVERVIEW

**Flood Watch Overnight Into Saturday**  
 Do Not Drive Through Flooded Roads Or Underpasses  
 Weather Forecast Office Boston/Norton, MA  
 Issued Jul 12, 2024 4:03 AM EDT

**Flood Watch**  
*In effect overnight into Saturday*

- Showers & embedded t-storms develop overnight into Sat.
- Very localized bands of 2" of rain possible in just 1 hour with 3-4" within 3 hours.
- This will bring the potential for localized Flash Flooding.

Source: Eri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
 NWS Boston/Norton weather.gov/box

A very humid air mass over our area for the next two days may trigger thunderstorms with very heavy rainfall from this afternoon thru Saturday evening. Flood Watches have been issued for northern CT and Fairfield county in southern CT.

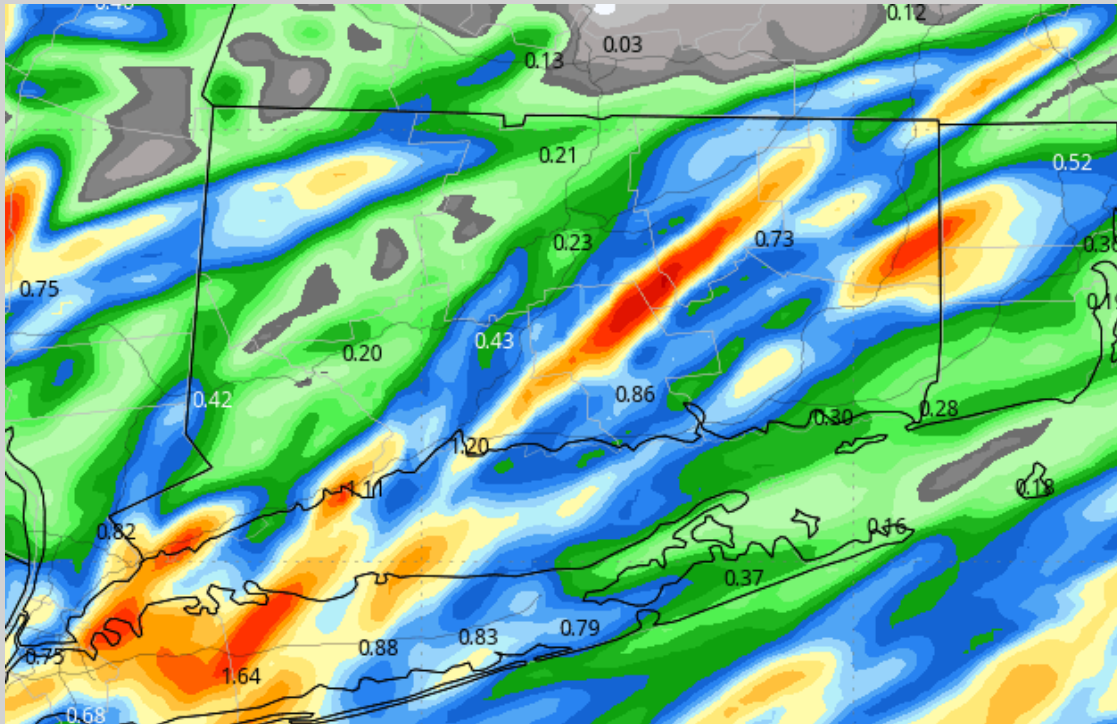
A 4-day heat wave is forecast next week from Sunday through Wednesday with a continuation of very humid conditions.



# TOTAL RAINFALL FORECAST



## NAMHRES Rainfall Forecast



The NAMHRES model is forecasting the rainfall to be very scattered in nature. Scattered swaths of rain of 2 to 4" over the next 36 hours.

Rainfall rates of 1" – 2" per hour are possible in any thunderstorms that develop.



# HAZARDS EXPECTED

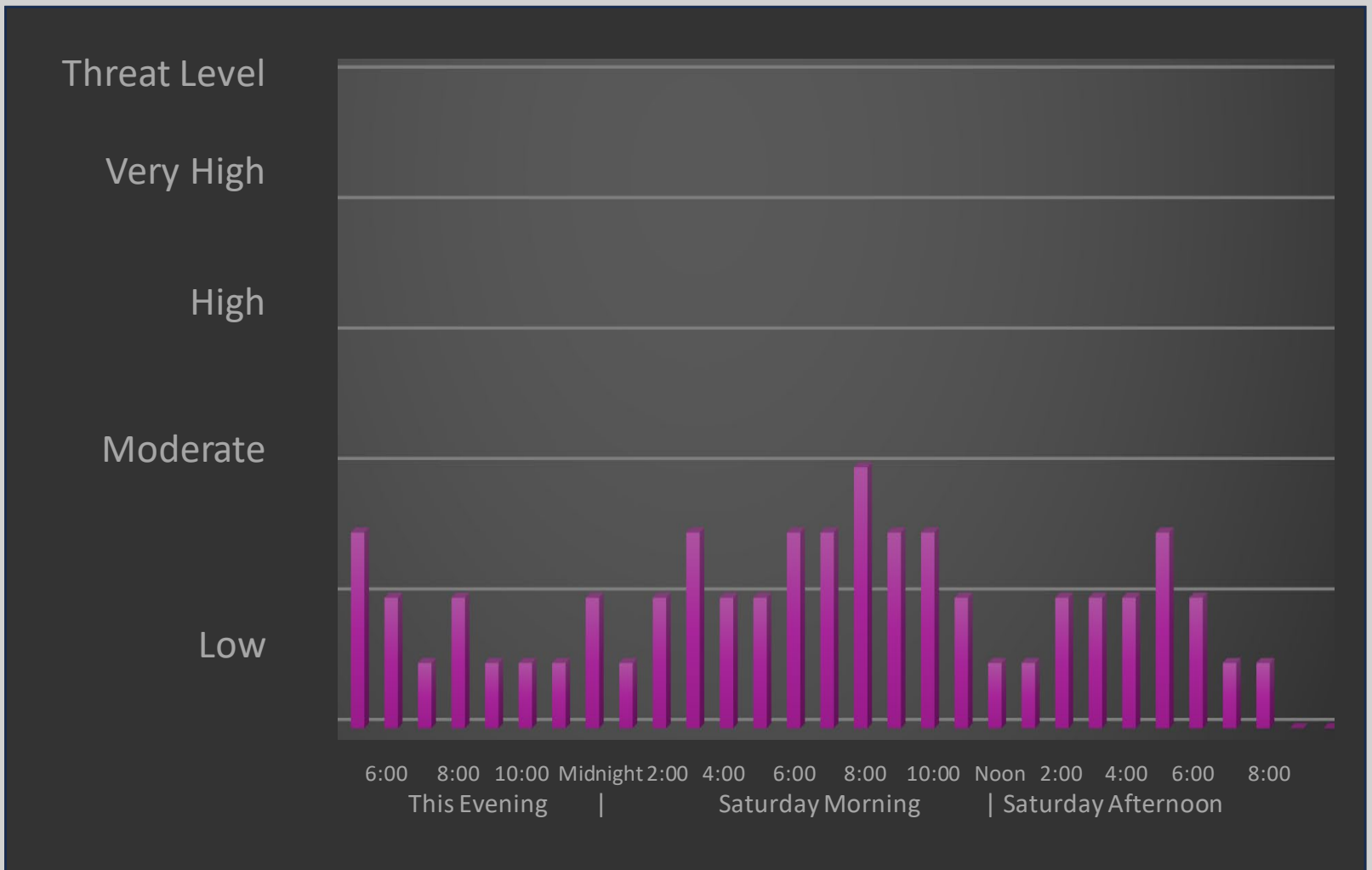
## PRIMARY HAZARDS

	Low	Mod	High	Sig			
Strong Winds (<5%)	Green	Brown	Yellow	Red	Purple	Blue	Black
Large Hail (<5%)	Green	Brown	Yellow	Red	Purple	Blue	Black
Tornadoes (<2%)	Green	Brown	Yellow	Red	Purple	Blue	Black
Heavy Downpours (50%)	Green	Brown	Yellow	Red	Purple	Blue	Black
Urban Flooding (20%)	Green	Brown	Yellow	Red	Purple	Blue	Black
Stream Flooding (10%)	Green	Brown	Yellow	Red	Purple	Blue	Black

Severe thunderstorms are not expected. However, the primary risk is from very heavy rainfall in non-severe thunderstorms this afternoon thru Saturday afternoon.



# THREAT TIMING FOR ALL HAZARDS



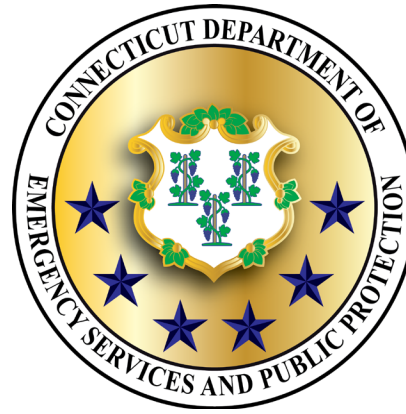


# HEAT WAVE NEXT WEEK



	High Temp	Heat Index	Low Temp	Dewpoint
SUNDAY	92 F	96 F	70 F	69 F
MONDAY	95 F	103 F	72 F	72 F
TUESDAY	96 F	106 F	72 F	74 F
WEDNESDAY	91 F	98 F	67 F	72 F
THURSDAY	83 F	85 F	64 F	65 F

Governor Lamont has approved Connecticut's Extreme Hot Weather Protocol to be activated effective 12:00 p.m. Sunday, July 14, 2024, and remaining in effect through 8:00 p.m. on Wednesday, July 17, 2024.



The Department of Emergency Services and Public Protection, Division of Emergency Management and Homeland Security will continue to monitor the flood threat and impending heat wave. Additional updates will be sent out as warranted.

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