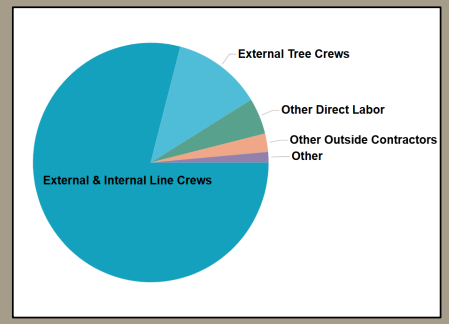
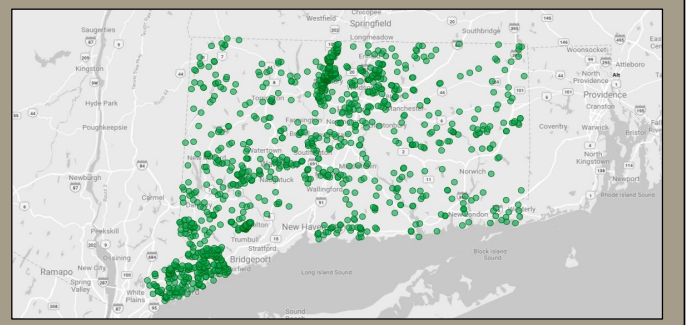
MN24X – Thunderstorm / Heat – Event Matrix Level N/A – August 2, 2024

Minor Storm 24X impacted sparse areas of Connecticut.

Storm Costs

Category	Amount
Internal & External Line Crews	$4,232,075
External Tree Crews	$652,625
Other Outside Contractors	$132,340
Other Direct Labor	$261,637
Other	$76,246
Storm Total*	$5,354,923

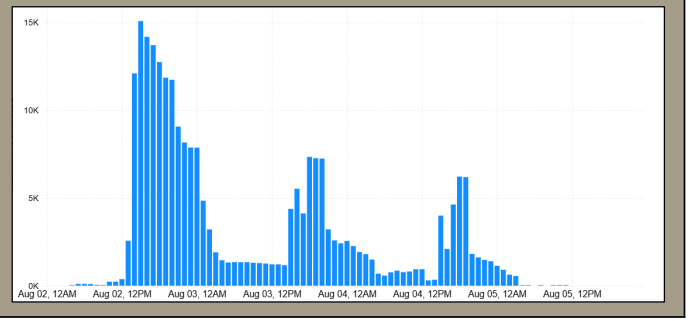




Storm Statistics

Outage Events	Non-Outage Events	Total Events	Total Customers	Cost Per Event
779	528	1,307	50,720	$4,079

Customer Restoration Curve



Event Level Matrix (ELM) Level N/A

ELM Measure	Expectation	Actual
Trouble Spots	N/A	1,307
Line Resources	N/A	179

FPS Events

FPS Type	# of Events
FPS 1	7
FPS 2	129
FPS 3	105

*Amounts may not add due to rounding.

CL&P Storm Prudency

Heat and Thunderstorm Event: August 2, 2024

Synopsis – Overview

A hot, humid and unstable air mass was in place along with a weak occluded frontal system. This enabled the development of thunderstorms which moved primarily from southwest to northeast CT from approximately 1100 – 2100 hours on the 2nd . The Storm Prediction Center's categorical outlook was issued by 0800 hours for General to Marginal (isolated severe) thunderstorms.

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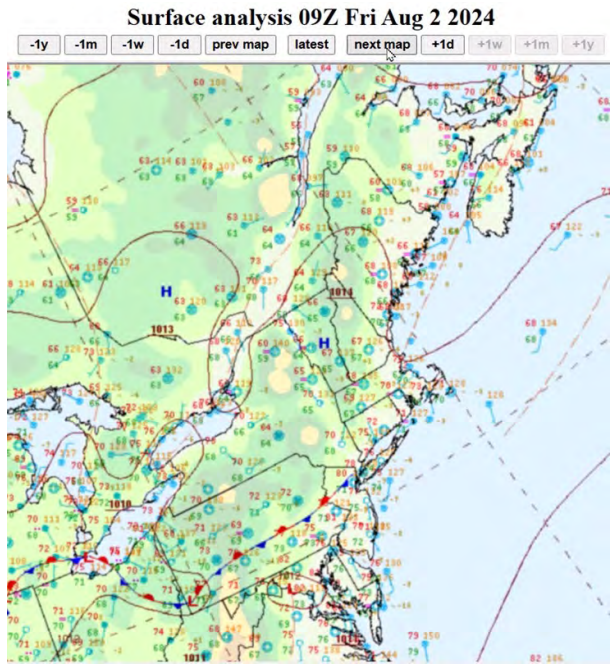
D. Scerbo, Meteorologist

August 2 2024: Heat and Thunderstorm Event

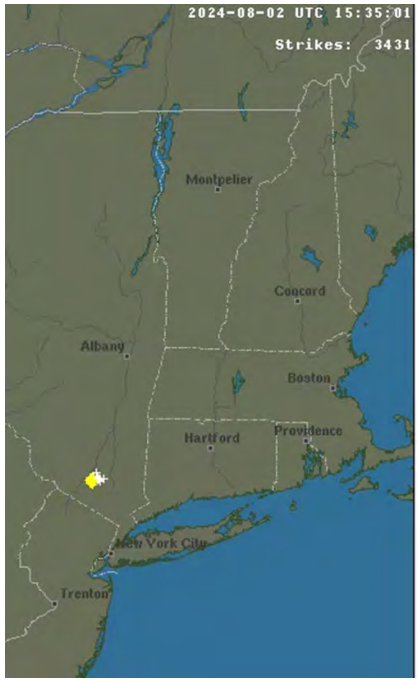
Observed Total # of Trouble Events for CT: 219

Surface Chart (click on map to loop)



Map ref: NWS WPC

Lightning Strikes (click on map to loop)



Ref: blitzortung.org

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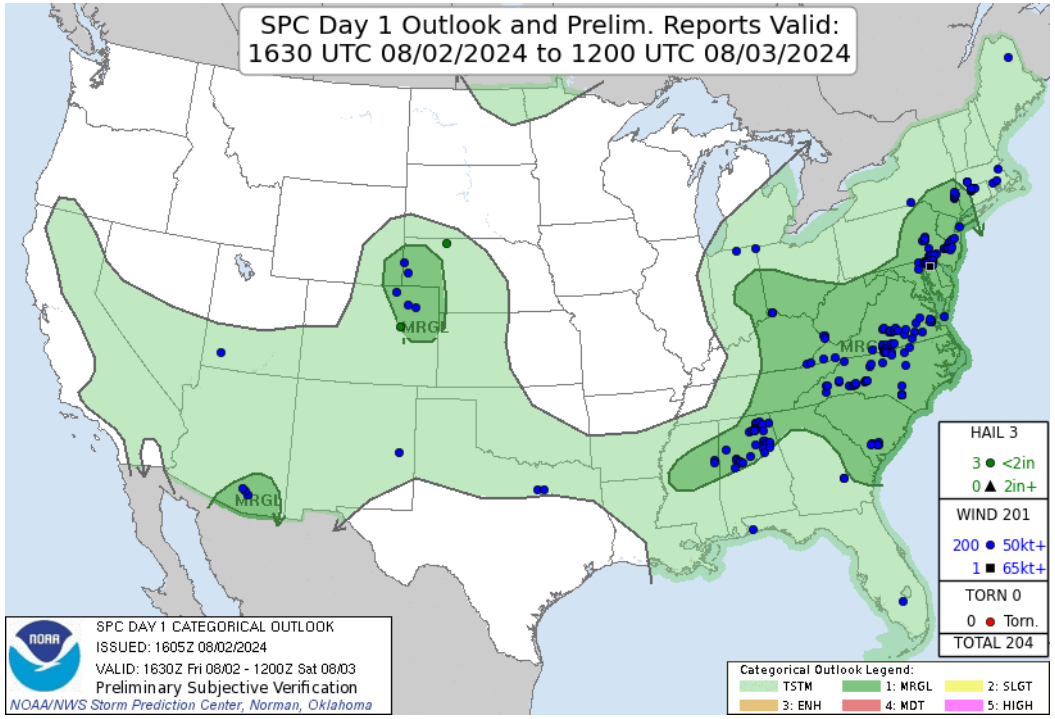
August 2, 2024 Heat and Thunderstorm Event

SPC Categorical , SPC Storm report verification



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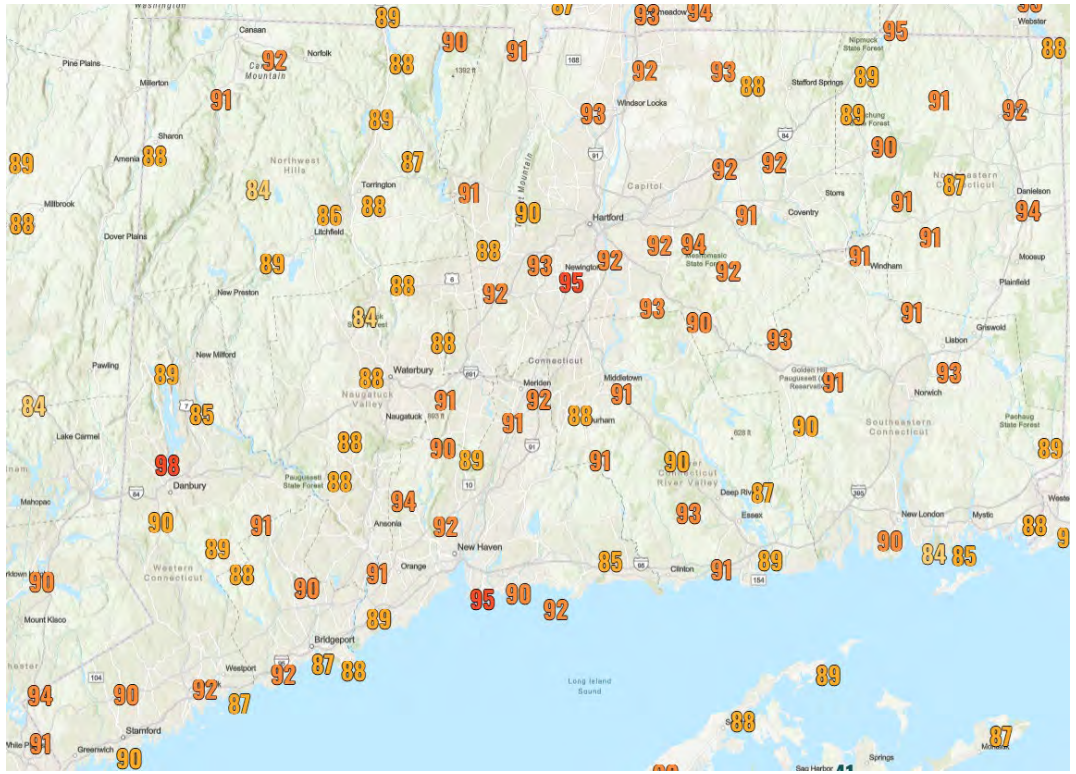
August 2, 2024 Heat and Thunderstorm Event

Observed Max Temperatures



Map: NWS Weather and Hazards Data Viewer

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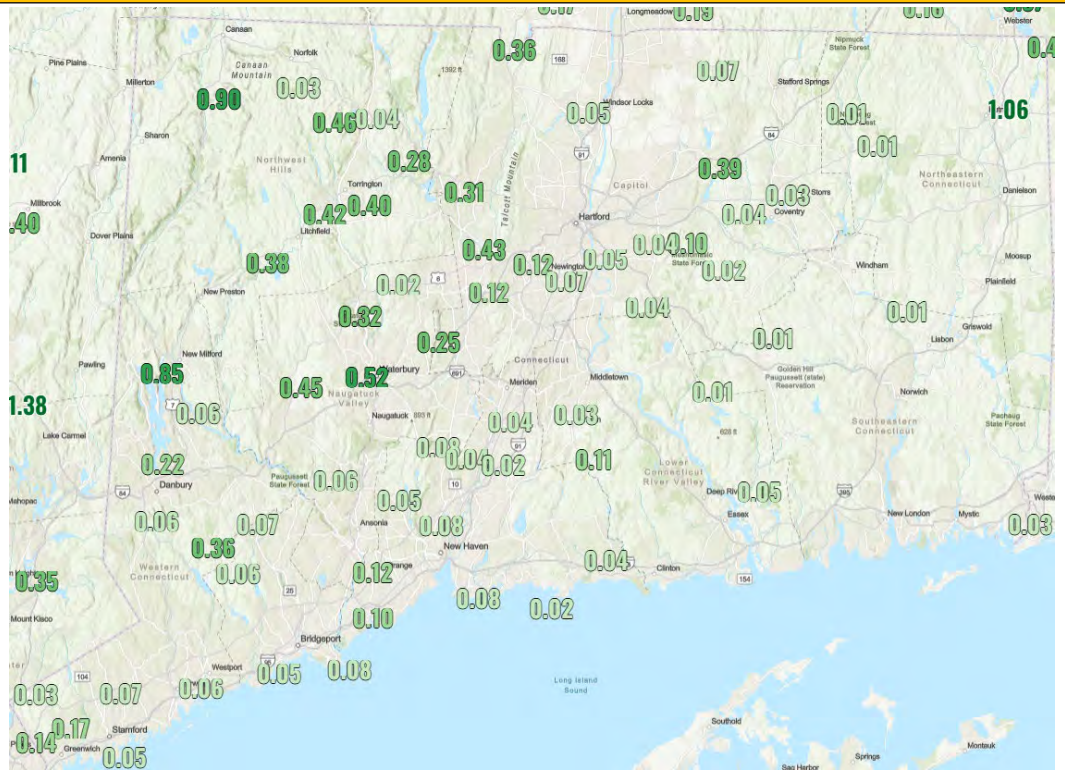
August 2, 2024 Heat and Thunderstorm Event

Total Rainfall (in)



Map: NWS Weather and Hazards Data Viewer

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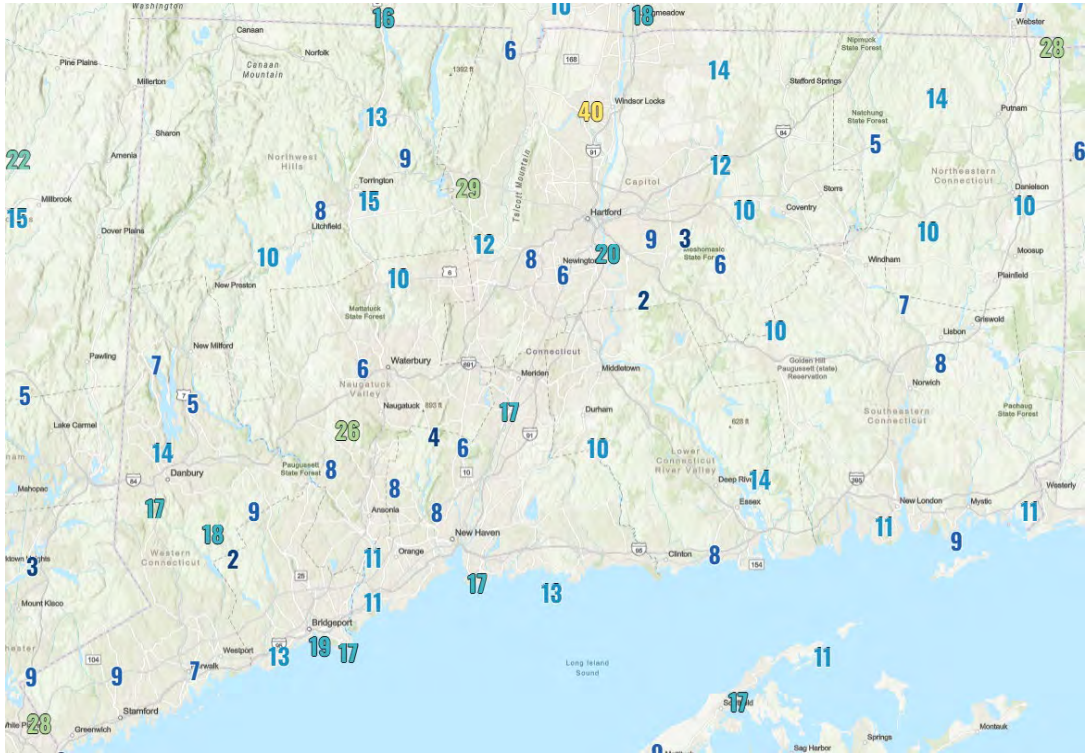
August 2, 2024 Heat and Thunderstorm Event

Observed Wind Gusts (mph)



Map: NWS Weather and Hazards Data Viewer

NOAA Storm Events Database

NOAA NATIONAL CENTERS FOR ENVIRONMENTAL INFORMATION
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Storm Events Database

Search Results for All Counties in Connecticut

All Available Event Types

Due to changes in the methods used by the NWS to spatially locate Waterspouts, please query by state (FL, TX, VA, etc) for Jan 1996 through Sep 2001. Beginning October 2001, please query by Marine Zone (N. Atlantic, S Atlantic, Gulf of Mexico, S Pacific, N. Pacific, Alaskan Waters, Hawaiian Waters, Great Lakes, etc) using the drop-down box for "State/Area".

9 events were reported on 08/02/2024

Summary Info:

Number of County/Zone areas affected:	3
Number of Days with Event:	1
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	1
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	3

Location	County/Zone	St.	Date	Time	T.Z.	Type
Totals:						
NORTHERN LITCHFIELD (ZON...	NORTHERN LITCHFIELD (ZON...	CT	08/02/2024	11:00	EST-5	Heat
SOUTHERN LITCHFIELD (ZON...	SOUTHERN LITCHFIELD (ZON...	CT	08/02/2024	11:00	EST-5	Heat
SIMSBURY	HARTFORD CO.	CT	08/02/2024	13:25	EST-5	Hail
SIMSBURY	HARTFORD CO.	CT	08/02/2024	13:28	EST-5	Thunderstorm Wind
SIMSBURY	HARTFORD CO.	CT	08/02/2024	13:28	EST-5	Thunderstorm Wind
PEGVILLE	HARTFORD CO.	CT	08/02/2024	13:30	EST-5	Thunderstorm Wind
SIMSBURY ARPT	HARTFORD CO.	CT	08/02/2024	13:30	EST-5	Thunderstorm Wind
WAREHOUSE PT	HARTFORD CO.	CT	08/02/2024	13:35	EST-5	Thunderstorm Wind
EAST GRANBY	HARTFORD CO.	CT	08/02/2024	13:40	EST-5	Thunderstorm Wind