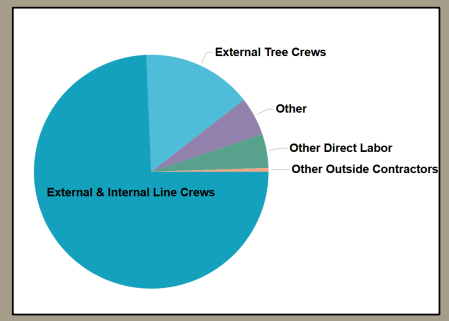
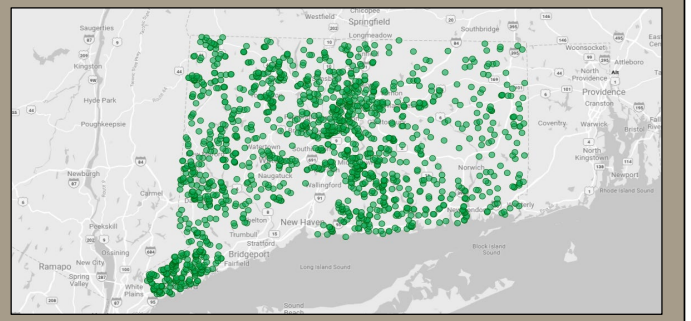
MS24E – Wind – Event Matrix Level N/A – March 11, 2024

Major Storm 24E impacted much of the service territory of Connecticut.

Storm Costs

Category	Amount
Internal & External Line Crews	$3,974,157
External Tree Crews	$808,839
Other Outside Contractors	$27,388
Other Direct Labor	$250,817
Other	$285,171
Storm Total*	$5,346,37

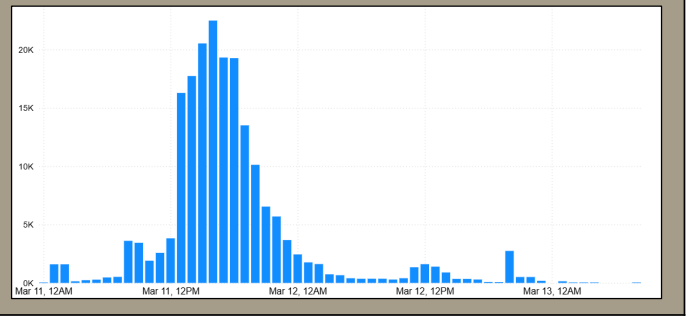




Storm Statistics

Outage Events	Non-Outage Events	Total Events	Total Customers	Cost Per Event
850	758	1,608	60,868	$3,325

Customer Restoration Curve



Event Level Matrix (ELM) Level N/A

ELM Measure	Expectation	Actual
Trouble Spots	N/A	1,608
Line Resources	N/A	314

FPS Events

FPS Type	# of Events
FPS 1	4
FPS 2	178
FPS 3	126

*Amounts may not add due to rounding.

CL&P Storm Prudency

Storm Event:
March 9-10, 2024

Synopsis – Overview

This event had two components to it: a relatively weak low-pressure system moved quickly through on the 9th with rain and minor amounts of snow over CT. Wind was not a major aspect because of a low - level temp inversion although the low-level jet over the southeast was strong. The second component was the primary event with strong winds from the NW as the pressure gradient strengthened and winds effectively mixed down to the surface

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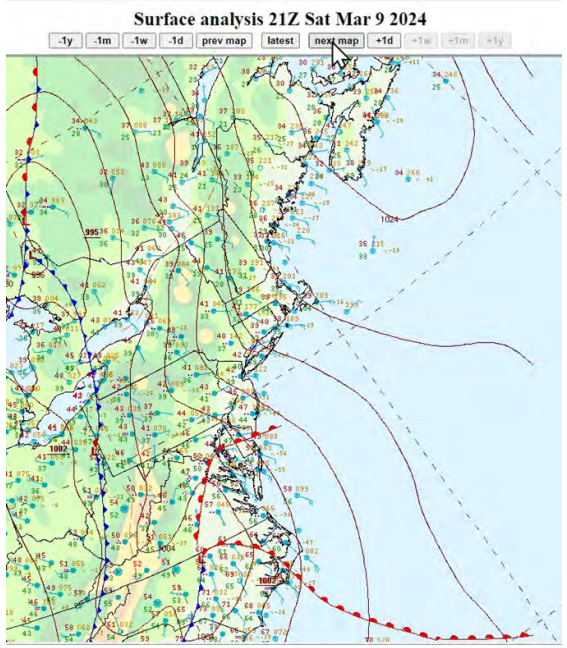
D. Scerbo, Meteorologist

March 9-10 2024: Rain and Snow Event

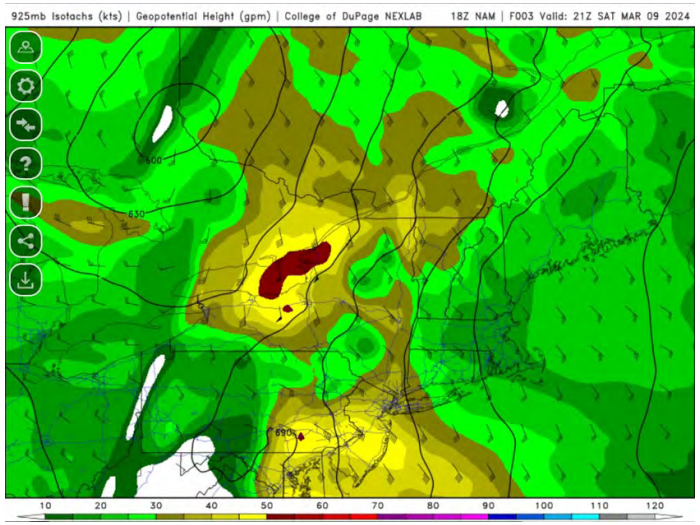
Observed Total # of Trouble Events for CT on the 9th: 93

Storm Track (click on map)



Map ref: NWS WPC

925mb Jet (click on map)



Map: NWS Weather and Hazards Data Viewer

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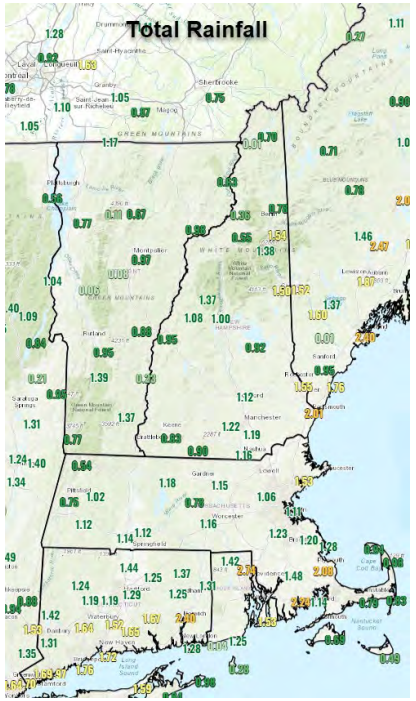
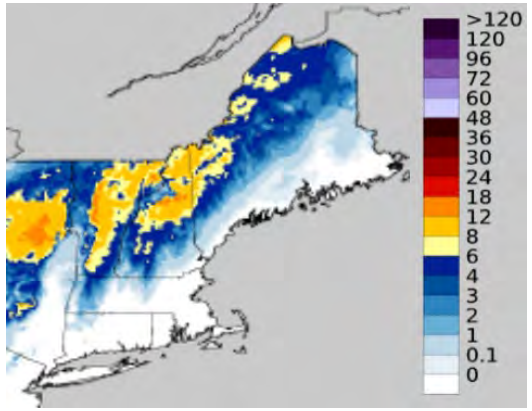
March 9th -11th 2023: Wind, Rain and Snow Event

Rain, Snow, and Snow:Water Ratios

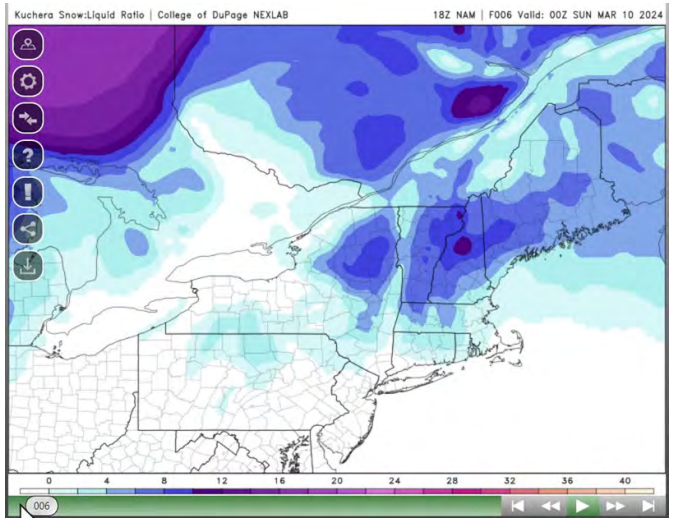
Rainfall (in)



Snowfall (in)



Snow ratios



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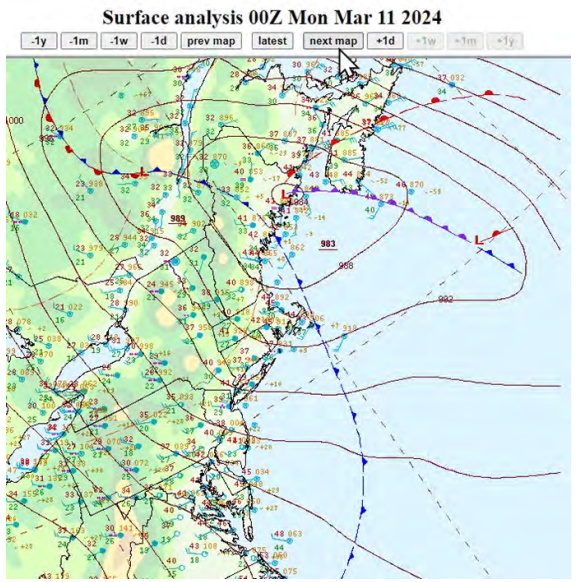
March 11 2024: Wind Event

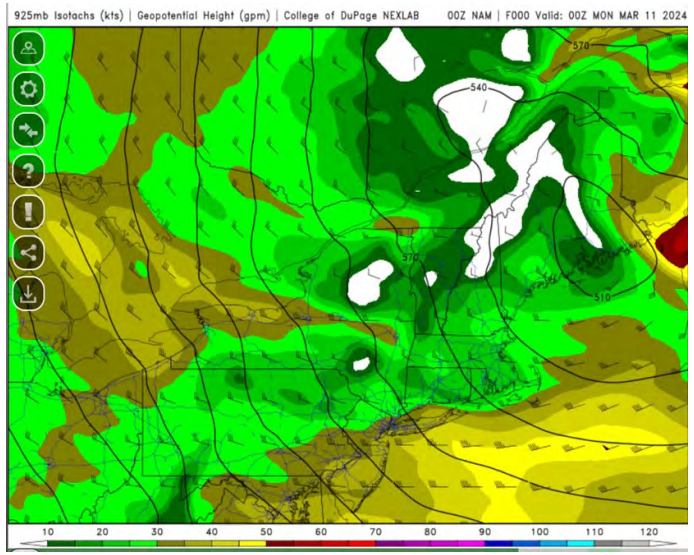
Observed Total # of Trouble Events for CT: 569

Storm Track (click on map)



Map ref: NWS WPC

925mb Jet (click on map)



Map: NWS Weather and Hazards Data Viewer

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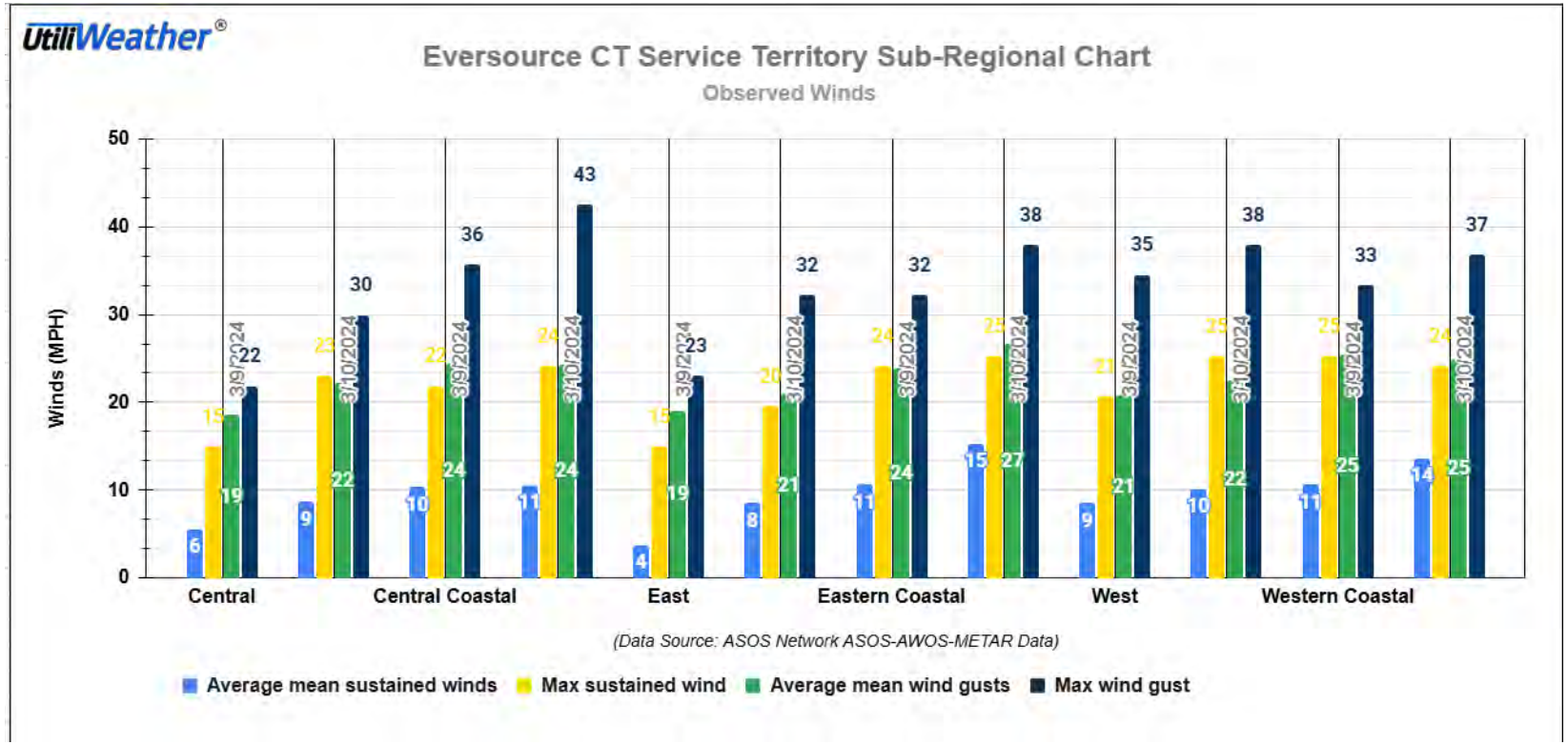
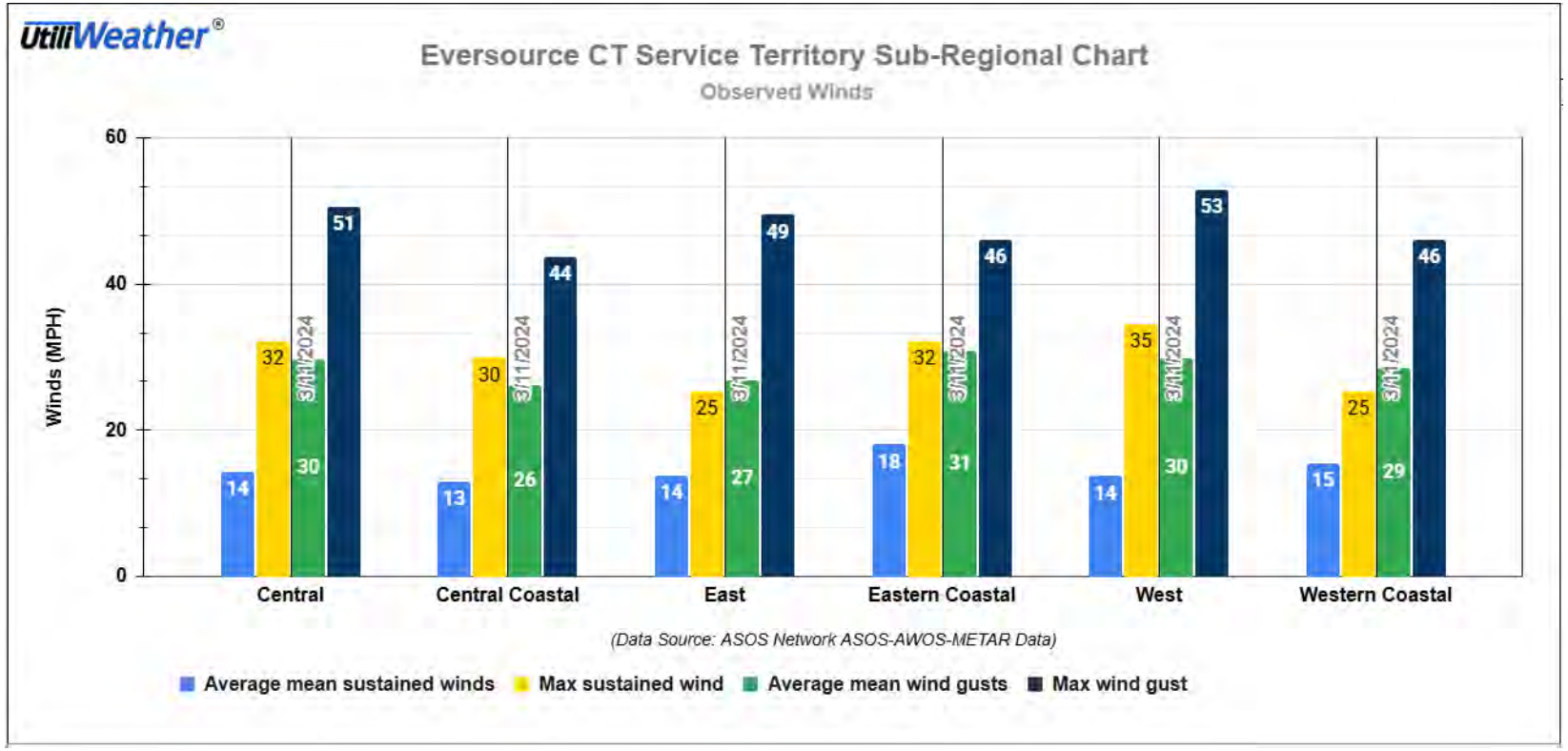
March 9-10 2024: Wind Event



March 11 2024: Wind Event



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".

1 events were reported between 03/09/2024 and 03/11/2024 (3 days)

Summary Info:

Number of County/Zone areas affected:	1
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:	0
Number of Days with Event and Crop Damage:	0
Number of Event Types reported:	1

Location	County/Zone	St.	Date	Time	T.Z.	Type	Mag
Totals:							
NORTHERN LITCHFIELD (ZON...	NORTHERN LITCHFIELD (ZON...	CT	03/11/2024	01:00	EST-5	Strong Wind	42 kts. MG
Totals:							

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NWS Hazardous Weather Outlooks (HWOs) and NWS Watches/Warnings/Advisories

Area Forecast Discussion
National Weather Service Albany NY
534 AM EDT Sun Mar 10 2024

CT...Wind Advisory from 8 AM Monday to midnight EDT Monday night
for CTZ001-013.



Wind Advisory
Sustained winds 25-39 mph and/or gusts to 57 mph, issuance is normally site specific. However, winds of this magnitude occuring over an area that frequently experiences such winds.

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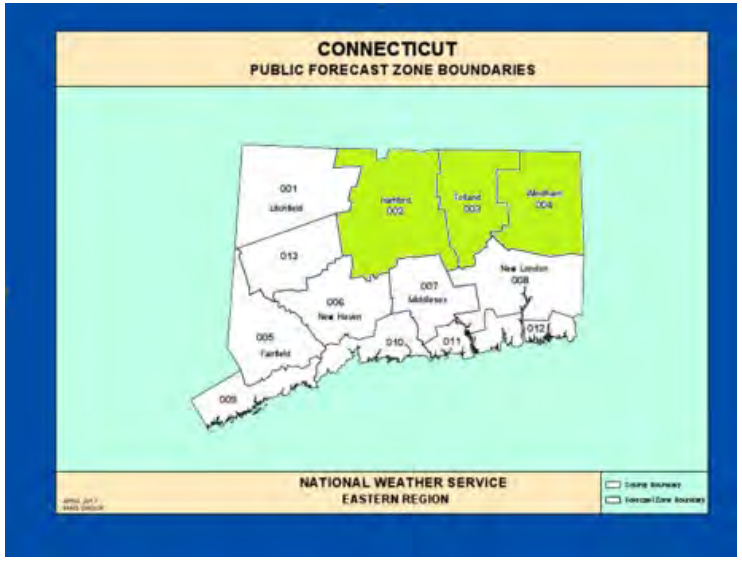
NWS Hazardous Weather Outlooks (HWOs) and NWS Watches/Warnings/Advisories

Area Forecast Discussion
National Weather Service Boston/Norton MA
708 AM EDT Sun Mar 10 2024

CT...Flood Watch until noon EDT today for CTZ002>004.
Wind Advisory from noon Monday to 1 AM EDT Tuesday for CTZ002>004.



Wind Advisory
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NWS Hazardous Weather Outlooks (HWOs) and NWS Watches/Warnings/Advisories

Area Forecast Discussion
National Weather Service New York NY
527 AM EDT Sun Mar 10 2024

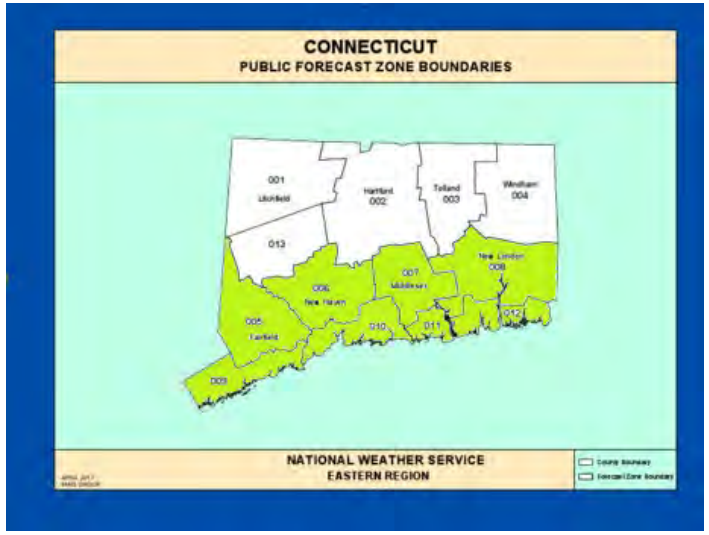
CT...High Wind Watch from Monday morning through Monday evening for CTZ005>012.



High Wind Watch
This product is issued when there is a potential for high wind speeds that may pose hazardous conditions and/or be life-threatening. In general, sustained non-convective winds ≥40mph and/or gusts >58mph.

Area Forecast Discussion
National Weather Service New York NY
344 PM EDT Sun Mar 10 2024

CT...Wind Advisory from 2 AM to 11 PM EDT Monday for CTZ005>012.



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