



# Environmental Health and Drinking Water Branch

## Monthly Drinking Water Webinar Series

Lori Mathieu, Branch Chief

08/11/2022

Public Water Systems | Certified Water Operators | Environmental Laboratories

# AGENDA

Water Utilities

Certified Water Operators

Environmental Laboratories



- **Update from DPH**
- **DWS on Recent Developments**
- **Questions ?**

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Environmental Health and Drinking Water Branch

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Certified Water Operators

Environmental Laboratories

- **Drought Status**
- **DWS Circular Letters**
- **Cyber Security Updates**
- **Contaminants and Drinking Water Quality**
- **Lead and Copper Rule Revision updates**
- **Operators Certifications updates**
- **Environmental Labs Certification Program**
- **DWSRF updates**
- **WUCC Implementation**



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# Tracking per State Drought Plan

Water Utilities

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## ❖ Statewide Metrics:

### Reservoir Capacities

Number of Reservoir Systems  $\geq$  100% of Normal Capacity

- 12 Systems
- Decrease of 16 systems from 3 weeks ago

State Average Capacity

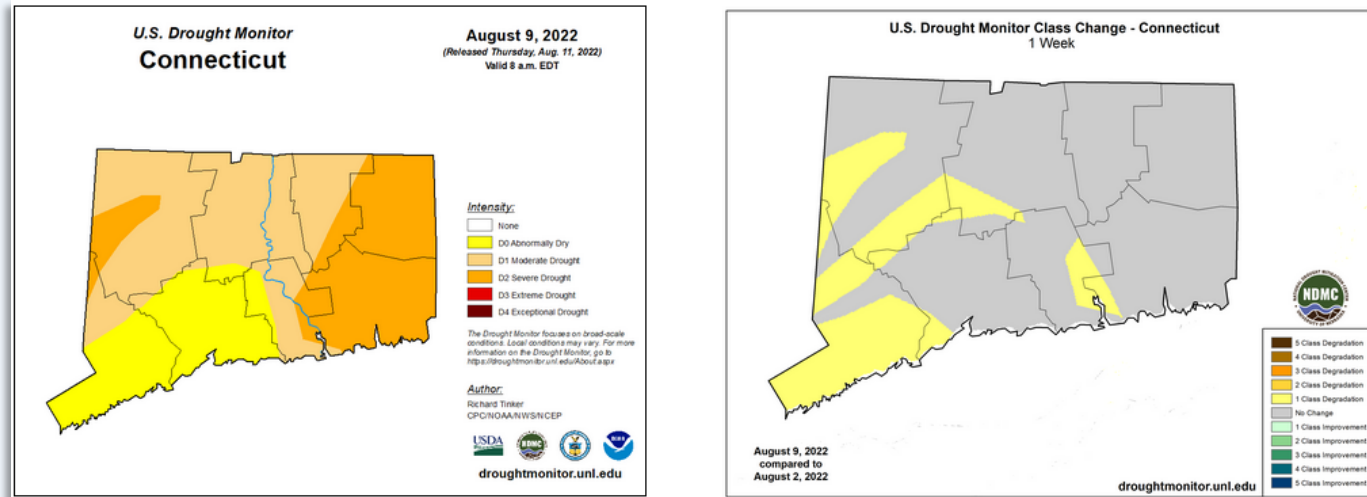
- 84.5 % Full
- 92.8% Full from 3 weeks ago

State Average Percent of Normal Capacity

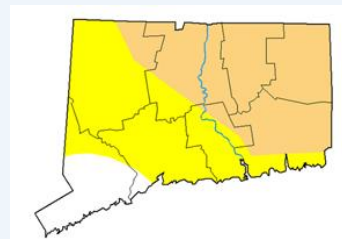
- 94.3% of Normal
- 102.2% of Normal from 3 weeks ago

## ❖ US Drought Monitor:

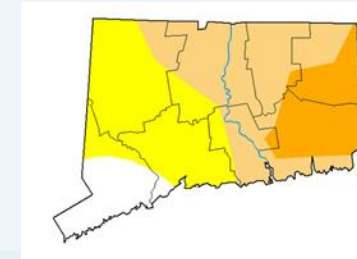
### Current Map



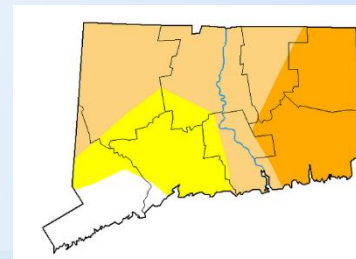
July 19, 2022



July 26, 2022



August 2, 2022



Any questions, please contact:

**Steven Harkey || Email: [Steven.Harkey@ct.gov](mailto:Steven.Harkey@ct.gov)**

# Tracking per State Drought Plan

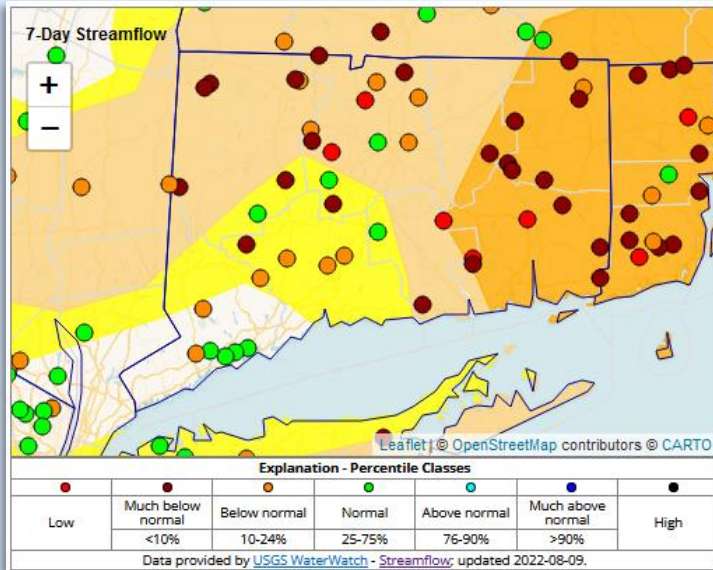
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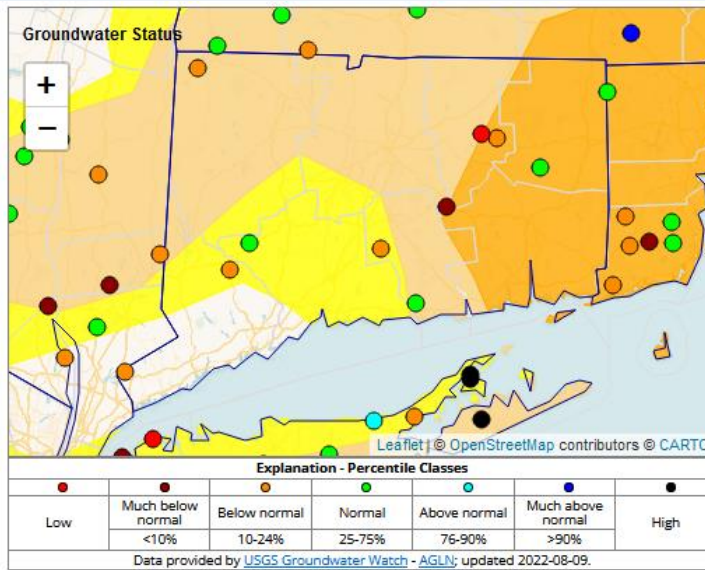
Environmental Laboratories

## ❖ Condition Indicators:

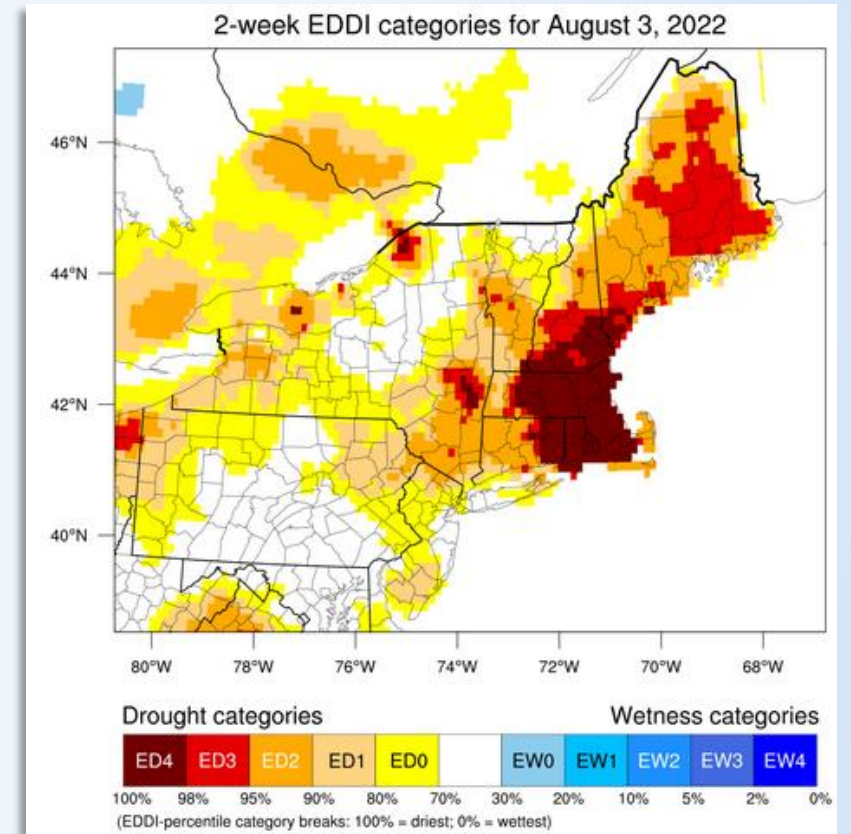
### Stream Flow



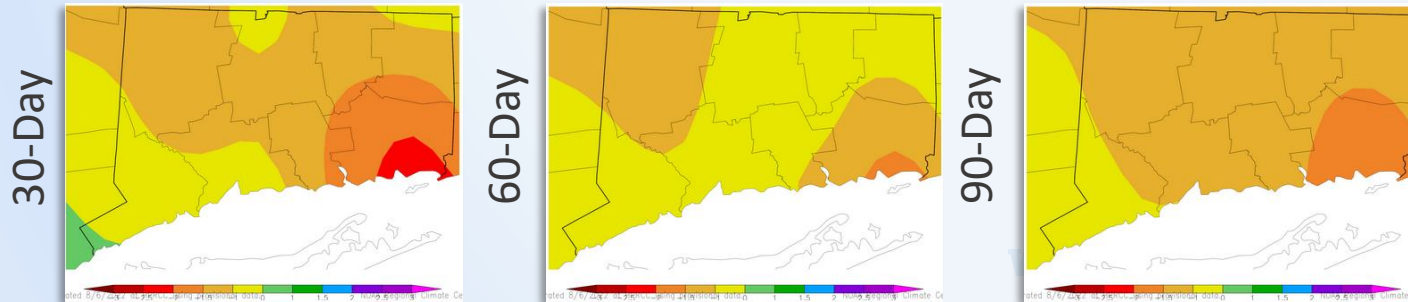
### Groundwater



### Evaporative Demand Drought Index



### Standardized Precipitation Index



Any questions, please contact:  
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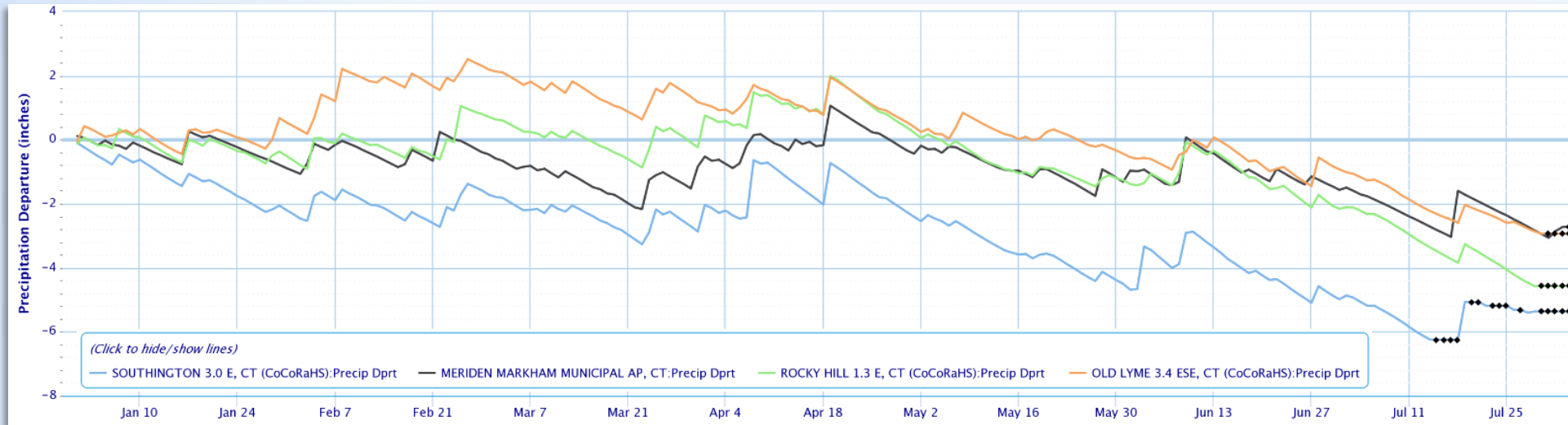
# Tracking per State Drought Plan

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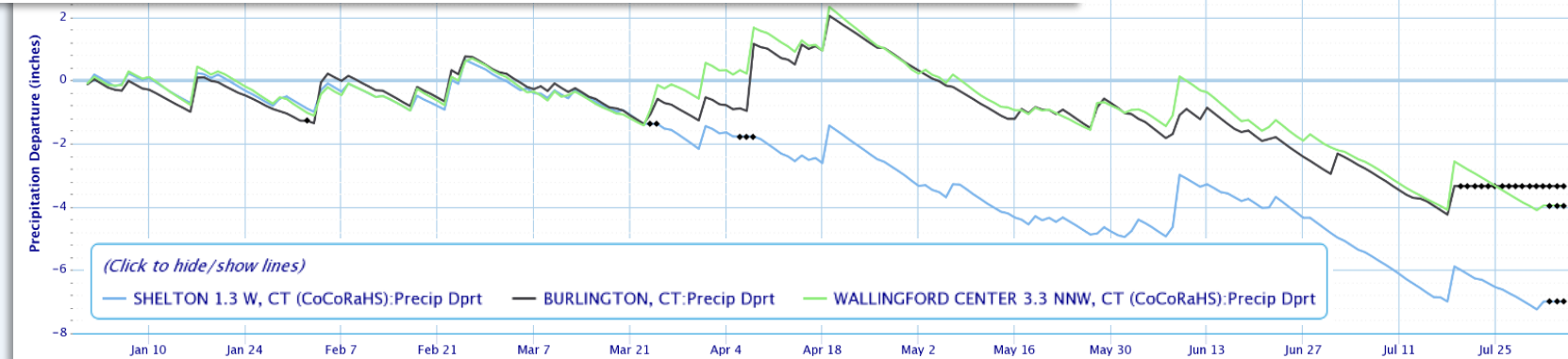
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## Condition Indicators Continued:



Accumulated Precipitation  
 Departure From Normal  
 2022



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Any questions, please contact:

CONNECTICUT DEPARTMENT of PUBLIC HEALTH **Steven Harkey** || Email: [Steven.Harkey@ct.gov](mailto:Steven.Harkey@ct.gov)

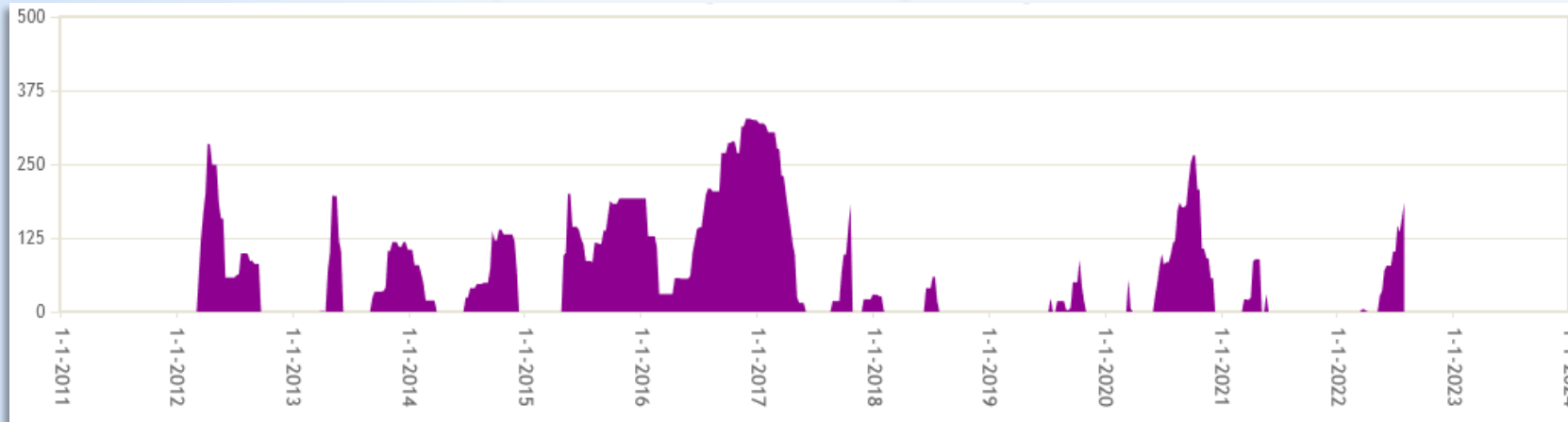
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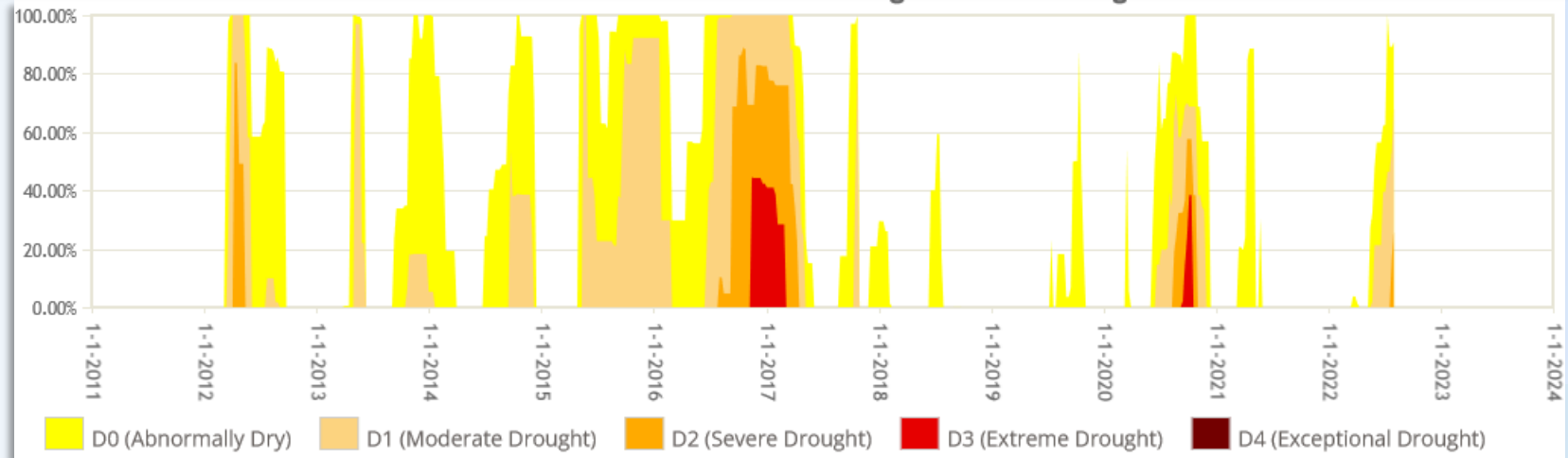
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## ❖ How does this compare to recent droughts?:



CT Drought Severity and Coverage Index

## CT Percent Area in USDM Categories



Steven Harkey || Email: [Steven.Harkey@ct.gov](mailto:Steven.Harkey@ct.gov)

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## ❖ Private Well Monitoring:



DPH Circular Letter 2022-37, issued on July 14, 2022, requested LHD to report well permit issuance on a weekly basis.

9 Total Permits

Week ending	Town	Total Permits
7/15	Windham	2
7/22	Windham	4
	New Haven	2
7/29	Windham	1



Local Health Departments have reported the following well permit totals for the month of July 2022

## ❖ Drought Triggers & Conservation Requests:



- Norwalk Mayor declared drought advisory citywide Friday 7/15
  - Asked residents to conserve water
- CTWC - Clinton, Guilford, Old Saybrook, and Westbrook requests customers to reduce water use by 15%
  - Guilford approaching 1<sup>st</sup> Drought trigger
- Southeastern CT Water Authority is requesting all customers to voluntarily reduce outdoor water use.
- New London is approaching 1<sup>st</sup> drought trigger.
- Manchester approaching 1<sup>st</sup> drought trigger

- UCONN on August 1, 2022 issued a Stage II Water Supply Watch and requested mandatory & voluntarily conservation of water.
- Windham Water Works, on Aug 1, 2022, requested customers voluntarily implement conservation measures. Reservoir is still at 100% full.
- Hazardville Water Company urges customers to conserve water. Serves Hazardville, East Windsor, and Somers.
- Putnam Water Dept on August 3, 2022 requested voluntary conservation.

Any questions, please contact:

**Steven Harkey || Email: [Steven.Harkey@ct.gov](mailto:Steven.Harkey@ct.gov)**

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# Tracking per State Drought Plan

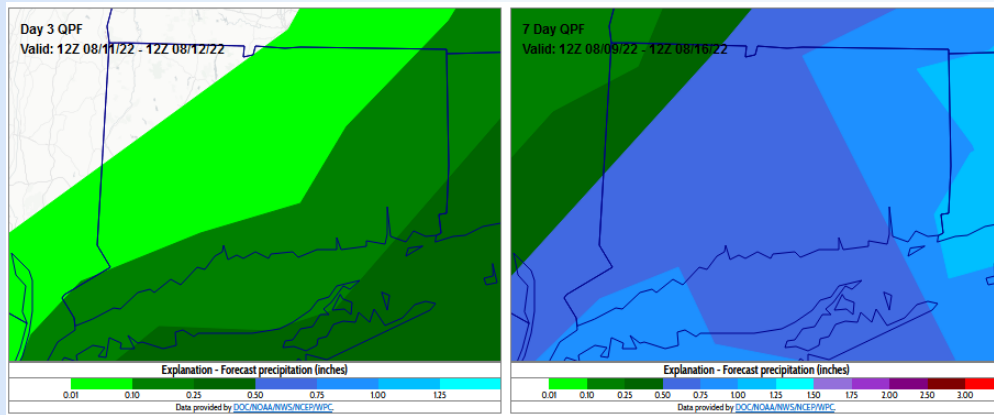
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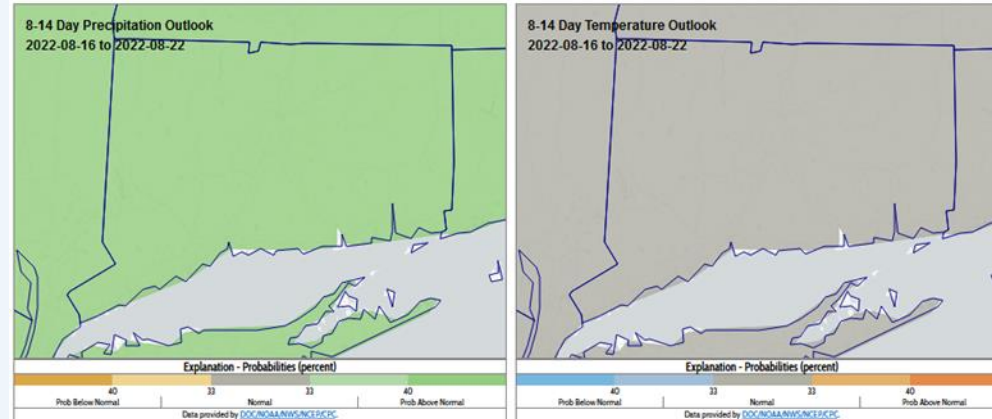
Environmental Laboratories

## ❖ Weather Outlook

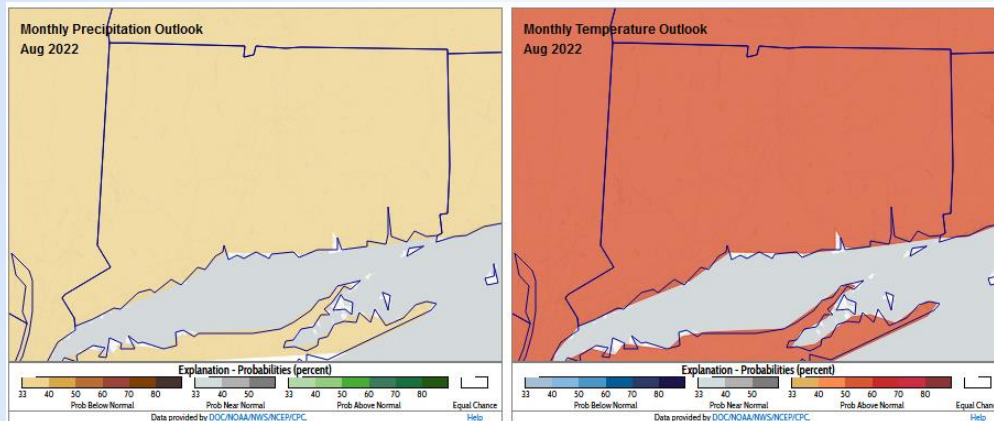
### 3-7 Day Outlook



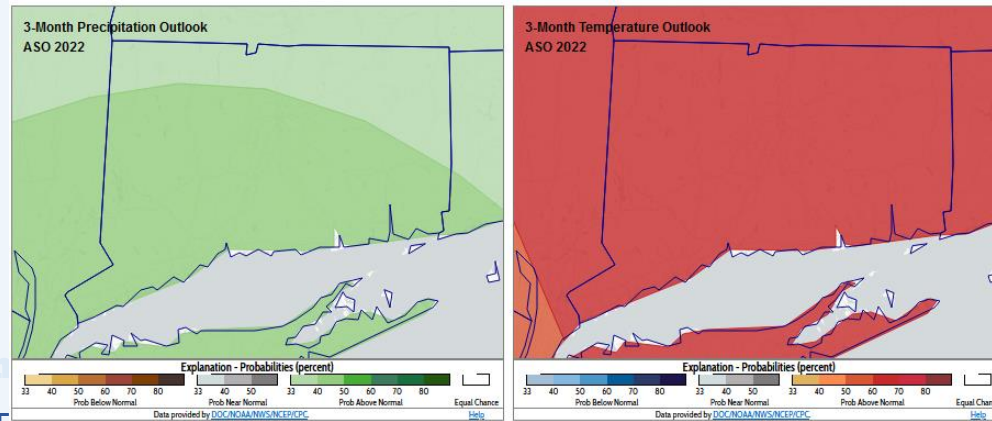
### 8-14 Day Outlook



### August Outlook



### August/September/October Outlook



l.Harkey@ct.gov

# Tracking per State Drought Plan

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## What do the Drought Stages mean for water systems?

### ❖ Stage 2

- Communicate with DPH and MDLs about local conditions, concerns, and changes to status of water supply
- Consider postponing discretionary water consuming maintenance
- Consider issuing voluntary conservation to all customers
- Respond to customer complaints related to drought
- Monitor supplies and collect data more frequently
- Prepare for possibly bringing alt or secondary supplies online
- Investigate deviations from normal use on production meters
- Review water supply emergency contingency plan triggers and mitigation activities; update if necessary.

### ❖ Stage 3

- Review operations to ensure conservation efforts are maximized
  - Postpone non-critical utility uses
- Prepare for mandatory conservation and enforcement mechanisms
- Begin coordination with DPH/DEEP and other water systems to activate temporary or emergency interconnection
- Consider preparing to activate emergency and inactive sources
- Promote voluntary conservation to reduce demand
- Review adequacy of water monitoring and consumption records; increase if necessary
- Evaluate potential funding needs for actions required under severe or extreme drought conditions
- Initiate increased reservoir level monitoring and reporting as directed by DPH



All Counties of CT under Stage 2 Drought Classification

- Governor requests citizens
  - Reduce outdoor irrigation
  - Postpone new plantings/lawns
  - Fix leaks

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Any questions, please contact:

**Steven Harkey** || Email: [Steven.Harkey@ct.gov](mailto:Steven.Harkey@ct.gov)

# Tracking per State Drought Plan

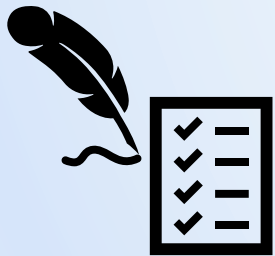
## Water Utilities

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## Environmental Laboratories

### ❖ Water Supply Plans:

- DPH encourage water systems to review their drought plan component of their water supply plan.
  - What are your drought triggers?
  - Are they appropriate?
  - Are the triggers timely and adequate?
  - If conditions worsen, what are your actions?
  - Are you ready to implement those actions?
  - Do you have the support of the town you serve if you need to enforce conservation requests?



### ❖ Requested Actions:

- DPH requests that all Community Water Systems:
  - Report any water quality issues immediately
  - Report any outages of water service
  - Review all backup and emergency sources and/or interconnections
  - Notify DWS of activation of any emergency sources and/or interconnections
  - Record all consumer complaints regarding quality and quantity
  - Notify DWS of any water hauling
  - Notify DWS of any drought stage changes and any voluntary or mandatory water restrictions
  - Continue to report weekly groundwater and surface water readings to [DPHWaterSupplyCapacity@ct.gov](mailto:DPHWaterSupplyCapacity@ct.gov)
  - Regularly communicate with local officials in the towns you serve of any changes in drought status, supply, or water conservation.

Any questions, please contact:

**Steven Harkey || Email: [Steven.Harkey@ct.gov](mailto:Steven.Harkey@ct.gov)**

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- **Legionella Work Group Public Act 22-58, Section 62**
- **Lead Work Group Public Act 22-49, Section 5**
- **Lead HUB Technical Assistance**
  - Rule
  - Inventory
  - Communication
  - Training



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## **DWS Circular Letter #2022-36**

Sent on July 11, 2022

**Upcoming Webinars on Bipartisan Infrastructure Law Funding and Disaster Response Funding**

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## **DWS Circular Letter #2022-37**

Sent on July 14, 2022

**Stage 2 Drought Declared in All Eight Counties of CT**

.....

## **DWS Circular Letter #2022-40**

Sent on July 22, 2022

**CT Online Training -Financial Planning and Rates for Connecticut Small Water Systems**

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## Cyber Yankee Fusion Cell Updates

June 13, 2022 – June 15, 2022

**Robert Schwarm**

Director of Information Systems  
The Metropolitan District

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# Cyber Security Contacts

Water Utilities

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## Richard Berthao

### Cybersecurity Advisor for Connecticut

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U.S. Department of Homeland Security  
Email: richard.berthao@cisa.dhs.gov  
Mobile# (202) 839-1429

## Bryan H. Gran

### Protective Security Advisor

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Cybersecurity and Infrastructure Security Agency  
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Phone# 202-809-8408

## Ron Ford

Cybersecurity Advisor | Region 1 - New England  
(CT, ME, MA, NH, VT)

Cybersecurity and Infrastructure Security Agency  
U.S. Department of Homeland Security  
Email: Ron.Ford@cisa.dhs.gov  
Phone# (978) 778-8390

**“See Something, Say Something”**

**Department of Public Health  
Drinking Water Section**



**1-860-692-2333**



**Connecticut Intelligence Center (CTIC)**

**TIPS Line: 1-866-HLS-TIPS (1-866-457-8477) Web: [www.ct.gov/sar](http://www.ct.gov/sar)  
Email: [ctic@ct.gov](mailto:ctic@ct.gov) Text: TIPS711 Mobile App: CTSAFE**

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	CT Action Levels (ppt)
PFOA	16
PFOS	10
PFNA	12
PFHxS	49

- Thank you for responding to DPH’s request to test your drinking water for PFAS
- Please work with your lab to submit results through the Compliance Monitoring Data Portal
- Or submit results to [DPH.EmergingContaminants@ct.gov](mailto:DPH.EmergingContaminants@ct.gov)

- EPA recommends that PWS work with state authorities with guidance on concentrations of PFAS that warrant action or concern.
- Tools for PFAS messaging-Coming soon
  - Notification Templates for intent to test, no PFAS detected and PFAS detected above the DPH Action Level
  - Trifold brochure-Answers the question: “Is my water safe to drink?”



# Lead and Copper Rule Revision (LCRR)

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- **Effective date:** December 16, 2021
- **Compliance date:** October 16, 2024

## Lead Service Line (LSL) Inventory

- Submit by **October 16, 2024**
- All CWS and NTNC
- Comply with LCRR requirements
- On CT prescribed inventory template

**EPA's service line guidance and inventory template - Released August 4, 2022**

**Guidance: [https://www.epa.gov/system/files/documents/2022-08/Inventory%20Guidance\\_Final%20080322\\_1.pdf](https://www.epa.gov/system/files/documents/2022-08/Inventory%20Guidance_Final%20080322_1.pdf)**

**Inventory Template: [https://www.epa.gov/system/files/documents/2022-08/Inventory%20Template\\_FINAL\\_0.xlsx](https://www.epa.gov/system/files/documents/2022-08/Inventory%20Template_FINAL_0.xlsx)**

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Any questions, please contact:

**Cindy Sek** || **Email:** [cindy.sek@ct.gov](mailto:cindy.sek@ct.gov)

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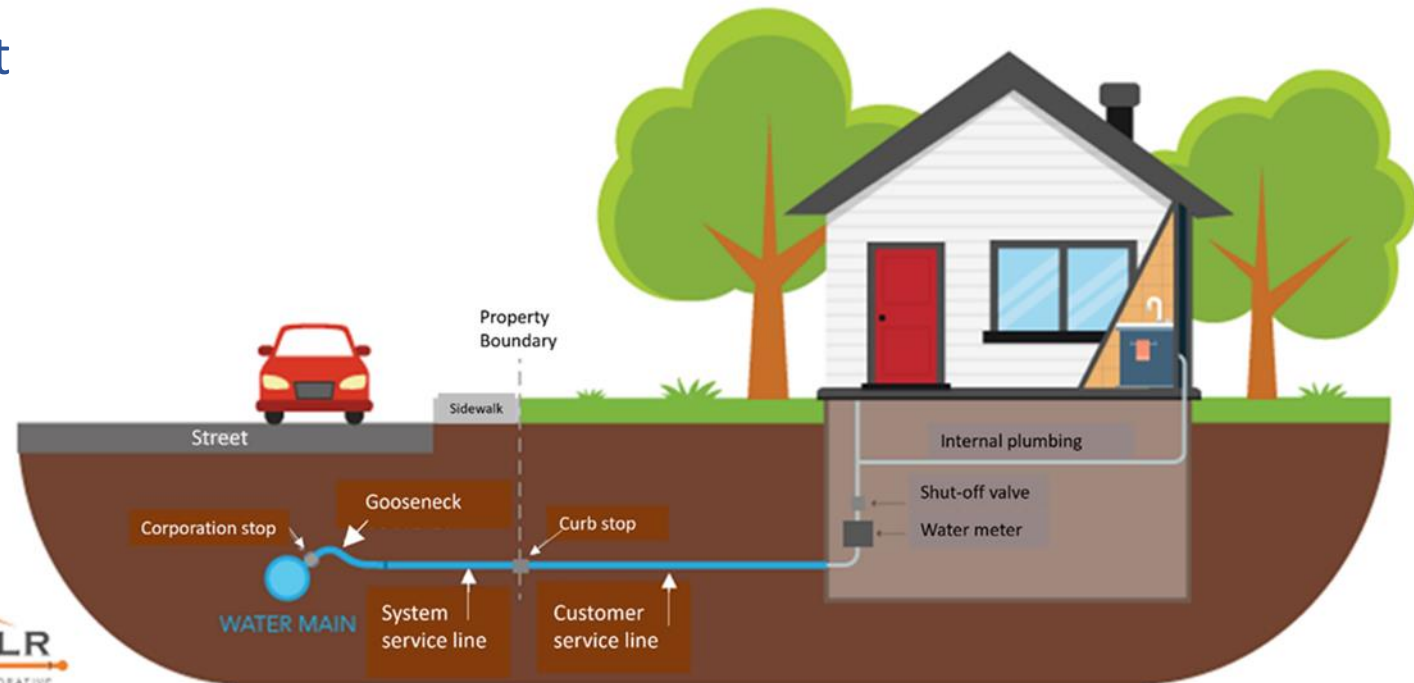
## Guidance for Developing and Maintaining a Service Line Inventory

- Provides best practices for inventory development and communicating information to the public.
- Contains case studies on developing, reviewing, and communicating about inventories.
- Highlights the importance of prioritizing inventory development in disadvantaged communities and where children live and play.

- [DWS Website – Lead and Copper Rule Page](#)

## Information needed in LSL Inventory – Based on Federal LCRR

- ◆ All service connections on the system
  - ◆ Address, location identifier (i.e. geo location), unique site ID
- ◆ Service lines (both system-owned and customer-owned) categorized to the following:
  - ◆ Lead
  - ◆ Galvanized requiring replacement
  - ◆ Non-lead
  - ◆ Lead status unknown
- ◆ Inventory Verification sources
- ◆ Lead gooseneck, pigtail, or connector (for sampling tier)
- ◆ Internal plumbing material (for sampling tier)
- ◆ LCRR Tier criteria



# Operator Certification Program

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## COVID-19 Suspension of Certification Renewal (COVID-19):

- 5/5/22 CT DPH Commissioner's **ordered** the reinstatement of licensure renewal requirements-effective 5/10/2022,
  - All impacted certifications have a 11/10/22 expiration date – if not renewed by this date your certification “shall expire”,
  - **92 days Remaining to the 11/10/22 Certification Expiration**
  - No additional extension or modification to this deadline is expected,
  - Operator should begin to prepare for the submission of their renewal application,
  - Operators shouldn't wait to 11/10/22 to renew their certification,
- **While the renewal cycle (COVID-19) of impacted certifications had been extended, the next cycle will be shortened by an equivalent amount – i.e. less time in next renewal cycle to accumulate required TCHs or device tests**

Operator Certification Program – [dph.opcert@ct.gov](mailto:dph.opcert@ct.gov)

Bill Sullivan: (860)936-1266 | Kevin Veilleux: (860)937-7735 | Jofans George: (860)994-6231

# Operator Certification Program

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- **[www.elicense.ct.gov](http://www.elicense.ct.gov) - to check status of your certification,**
- Check your email for Certified Operator Message 189 – attached individual renewal application
- **Print out, Fill out, Sign & Submit Via mail delivery (check made out to: “Treasurer, State of Connecticut”),**
- Operators can also request their renewal application via email,
- **send email request to [dph.opcert@ct.gov](mailto:dph.opcert@ct.gov) (please provide your name and cert. #),**
- Note the following links: **[Approved Training – Internet, Online and Correspondence Courses](#)  
[Approved Training Courses – Classroom Courses](#)**
- **Link to: [Operator Contact Update Form](#) (change of contact information including email address)**

Operator Certification Program – [dph.opcert@ct.gov](mailto:dph.opcert@ct.gov)

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## ELCP

### Certification Renewals

- **The laboratory renewals that were suspended as a result of COVID have been processed.**
- **Laboratories will be receiving the renewal documents electronically. ELCP will no longer be mailing out hardcopies.**
- **Currently there are no evaluations scheduled, a schedule will be finalized in the Fall for 2022-2023 evaluations.**

**Dawn Shaban**

**Email: [Dawn.Shaban@ct.gov](mailto:Dawn.Shaban@ct.gov) | Phone 860-488-0652**

**Shinu Zachariah**

**Email: [Shinu.zachariah@ct.gov](mailto:Shinu.zachariah@ct.gov) | Phone 860-936-1678**

- Next **WUCC Implementation meeting is on August 17<sup>th</sup> at 1:00** on Teams. The agenda and meeting link are on the [\*\*WUCC Webpage\*\*](#).

- **Save the Date: Watershed Inspector Training on Tuesday, November 8 at 470 Capitol Ave.**

**Water Utility Coordinating Committee Quarterly Implementation Meeting**  
August 17, 2022, 1:00-3:00

Location: Virtual via Microsoft Teams  
Teams Meeting Link:  
[Click here to join the meeting](#)

If you are viewing this agenda on paper or are having difficulty joining the meeting, please email [dph.wucc@ct.gov](mailto:dph.wucc@ct.gov) for assistance

**AGENDA**

- I. Introductions
- II. Public Comment
- III. Review of Interconnection Discussion Meeting and Table
- IV. Final Comments and Next Steps:
  - Project Notification
  - Interconnection Roadmap
  - Protecting Drinking Water & Local Considerations Storymap
  - New Development/CPCN Guidance
- V. Review of Survey and New Areas of Focus:
  - Survey Results
  - Possible Next Topic (s) Discussion
  - Selection of 2 new areas of focus
  - Leaders for New Topics
- VI. Discussion:
  - WUCC involvement with Lead Service Line Inventories and Mitigation
  - Setting Rate Structures and the possibility of Formal Legislation
  - New Business
  - Open Forum/Next Meeting
- VI. Adjourn

# Suggestions

Water Utilities

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- Next webinar is on Thursday September 8, 2022 at 1 pm.

September

September 8, 2022  
1 PM – 2 PM

- Email questions/notifications about water quality testing and monitoring to [dwdcompliance@ct.gov](mailto:dwdcompliance@ct.gov)
- Emergency notifications, may call 860-692-2333 and email to [dwdcompliance@ct.gov](mailto:dwdcompliance@ct.gov)

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## Thank You

Public Water System, Certified Water Operators and Environmental Laboratories



Connecticut Department of Public Health  
*Keeping Connecticut Healthy*

