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Department of Emergency Services and Public Protection

Division of Emergency Management and Homeland Security

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7-DAY WEATHER FORECAST ISSUED AT 10:00 AM ON AUGUST 29, 2022

DROUGHT DECLARATION: **STAGE 3**

SIGNIFICANT RAINFALL IN MANY TOWNS DURING THE PAST WEEK PROVIDES SOME TEMPORARY RELIEF TO RIVERS AND STREAMS…WINDHAM AND NEW LONDON COUNTIES REMAIN AT STAGE 3 (MODERATE DROUGHT) UNDER THE STATE DROUGHT PLAN… BELOW NORMAL PRECIPITATION AND SLIGHTLY ABOVE NORMAL TEMPERATURES ARE EXPECTED DURING THE NEXT 7 DAYS…

The U.S. Drought Monitor continues to show eastern CT in the D3* (extreme drought) category. Thunderstorms last Tuesday and Friday delivered brief heavy rainfall to much of Connecticut. Although many towns generally received 2" – 4" of rainfall, however, much of this rainfall ran off into streams before being absorbed by the soil. This runoff has added some water to rivers and streams and pushed levels up slightly from near record lows to just below normal. Reservoir levels currently stand at 75% of capacity (some of this data was recorded before last Tuesday's thunderstorms). Fire danger is currently moderate today and the 90-day rainfall deficit is currently around -4.0".

The GFS and other models are forecasting very few opportunities for showers or thunderstorms during the next 7 days. There's a chance for showers Wednesday morning and again on Sunday evening. Total rainfall during the next 7 days is forecast to only average between 0.10" – 0.25" for Connecticut. Some locations may see slighty more rain while others may see no rain at all. Temperatures are forecast to bounce around a little but generally average slightly above normal.

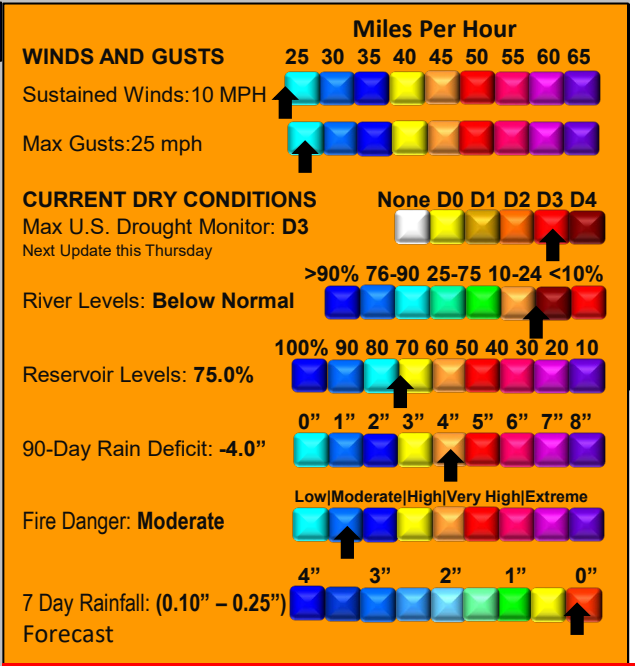
A tropical disturbance located approximately halfway between the Cape Verde Islands and the Leeward Islands has an 80% chance of formation. Longer range models are showing that this disturbance could threaten either the U.S. East Coast or Bermuda as a hurricane next week.

The next update will be sent out by the Department of Emergency Services and Public Protection, Division of Emergency Management and Homeland Security on Monday, Sept 5th.

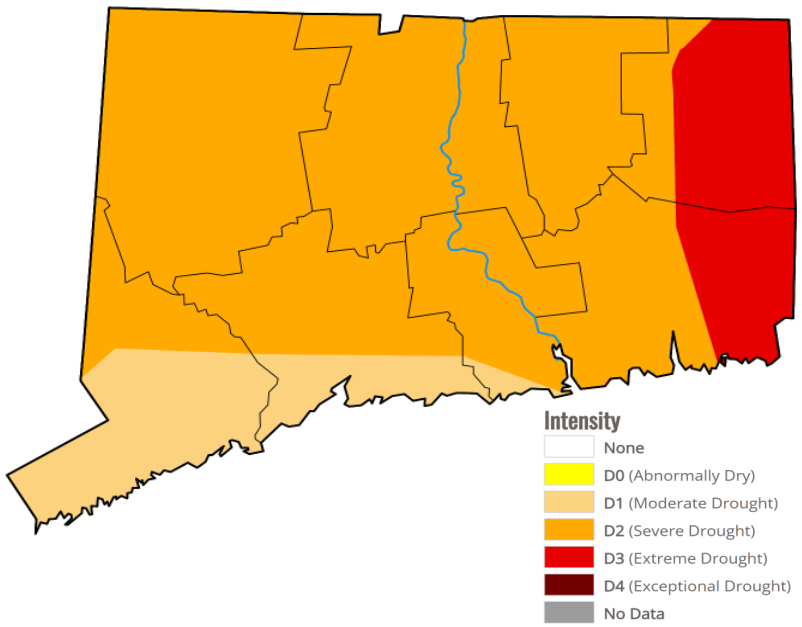
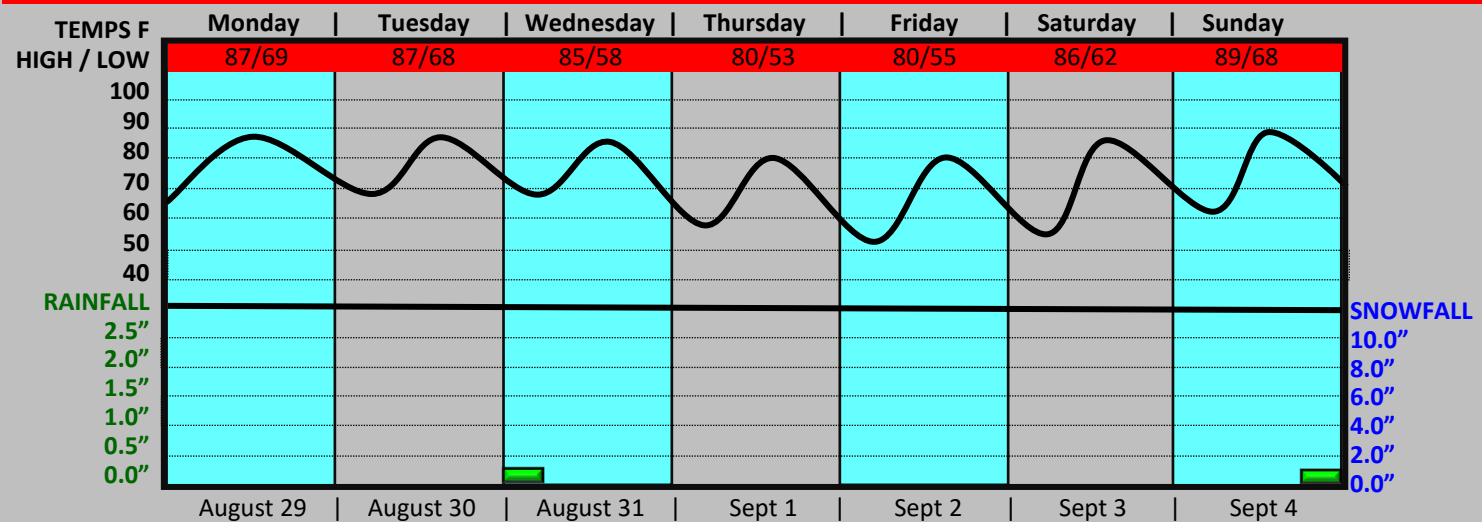
For more information on the current drought declaration and drought related information, please go to the Water Planning Council website at Drought Home (ct.gov).

*Stage 3 Drought is a Connecticut Drought Plan Classification while D3 (Extreme Drought) is the US Drought Monitor Classification. Although the two terms are similar in the way they describe the impact of the current drought, they are each based on their own set of criteria.

7-DAY IMPACTS EXPECTED FOR CONNECTICUT



U.S. DROUGHT MONITOR MAP



7-DAY TEMPERATURE AND PRECIPTATION FORECAST