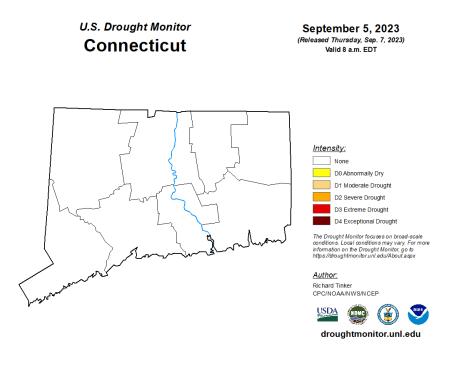
## Connecticut Drought Conditions Report

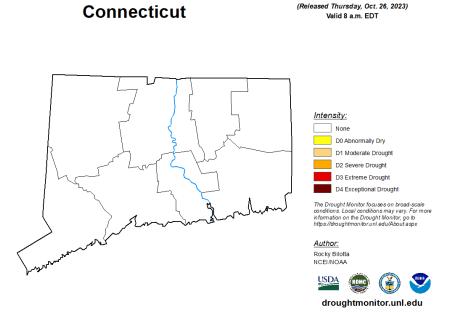
Monthly Update for October 2023



Interagency Drought Workgroup
November 2, 2023
Regular Meeting

<u>U.S. Drought Monitor</u> (USDM): Since the Interagency Drought Workgroup last met on September 7<sup>th</sup>, the entire State of Connecticut has continued to have no drought classification via the USDM. Below is a map comparing the USDM data from the week of September 5<sup>th</sup> and the week of October 24<sup>th\*</sup>.



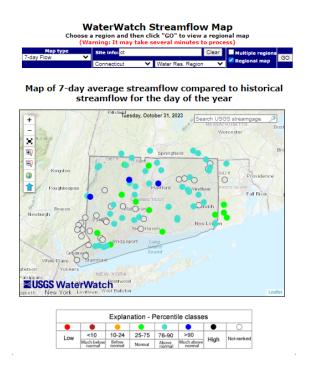


U.S. Drought Monitor

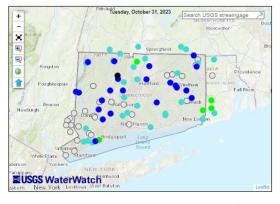
October 24, 2023

<sup>\*</sup> Note: The USDM is published weekly on Thursdays – October 24, 2023 is the most recent data available at the time of publication of this handout.

**Streamflow Levels:** Three separate streamflow maps are provided below via <u>USGS WaterWatch</u> and are measured as of October 31, 2023. Each map compares streamflow conditions to the historic conditions of the time period being measured. As a whole, the month of October showed streamflow conditions that were classified between Above Normal through High. As the period gets more precise in the 28-day and 7-day streamflow maps, there is a demonstrable trend towards streamflow conditions classified as Normal and Above Normal.

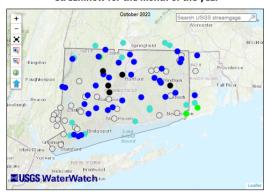


Map of 28-day average streamflow compared to historical streamflow for the day of the year





Map of monthly average streamflow compared to historical streamflow for the month of the year

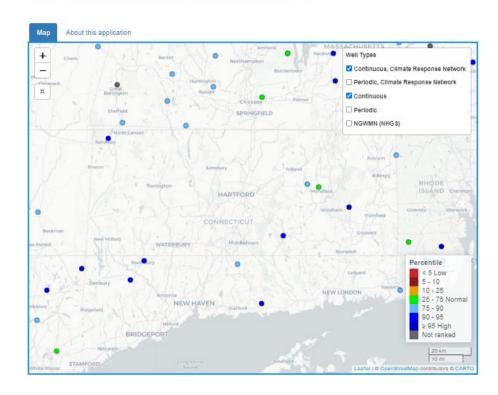


		Explar	nation - F	Percent	ile classe	s	
•		0	•		•	•	0
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
LOW	Much below	Below	Normal	Above	Much above		

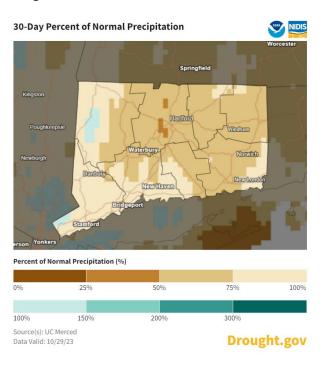
**Groundwater Levels:** Groundwater levels continue to range between Normal and Above Normal levels throughout the state. Below is a map of conditions for continuous wells as of November 1, 2023.

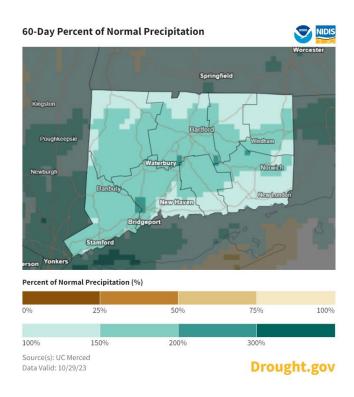
#### Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



**Precipitation:** Combined precipitation from September and October resulted in above-average precipitation for this time of year, as shown in the 60-Day Percent of Normal Precipitation Map below. The 30-Day Percent of Normal Precipitation Map for October (below) shows below normal precipitation for this past month, though as shown in early diagrams, this has not had negative impacts on streamflow and groundwater levels.





From: Glowacki, Douglas
To: Dahl, Rebecca

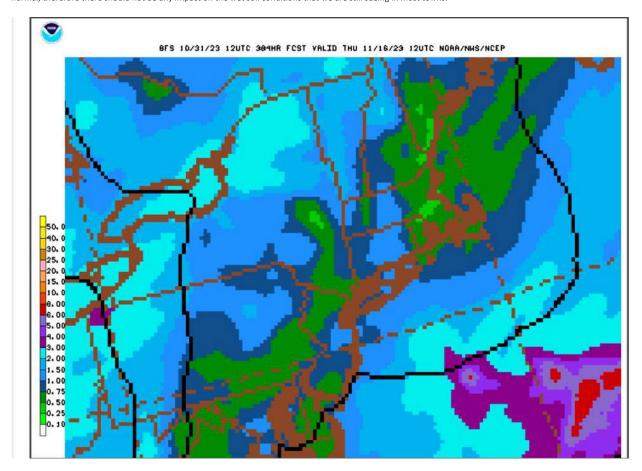
Subject: RE: 11/2/23 IDW Meeting Agenda

Date: Tuesday, October 31, 2023 1:17:16 PM

Attachments: image003.png

#### Good Afternoon Rebecca:

We are expecting slightly below normal rainfall (0.75 to 1") over the next two weeks (see map below). However, temperatures will also be slightly below normal, therefore there should not be any impact on the wet soil conditions that we are still seeing in most towns.



See you on Thursday !!!

Sincerely,

Douglas W. Glowacki
Emergency Management Program Specialist
Division of Emergency Management and Homeland Security
Department of Emergency Services and Public Protection
1111 Country Club Road Middletown, CT 06457
Cell 860-250-2358

From: Dahl Rehecca < Rehecca Dahl@ct gov>



# CT Interagency Drought Workgroup NWS Update

Thursday, November 2<sup>nd</sup> 2023

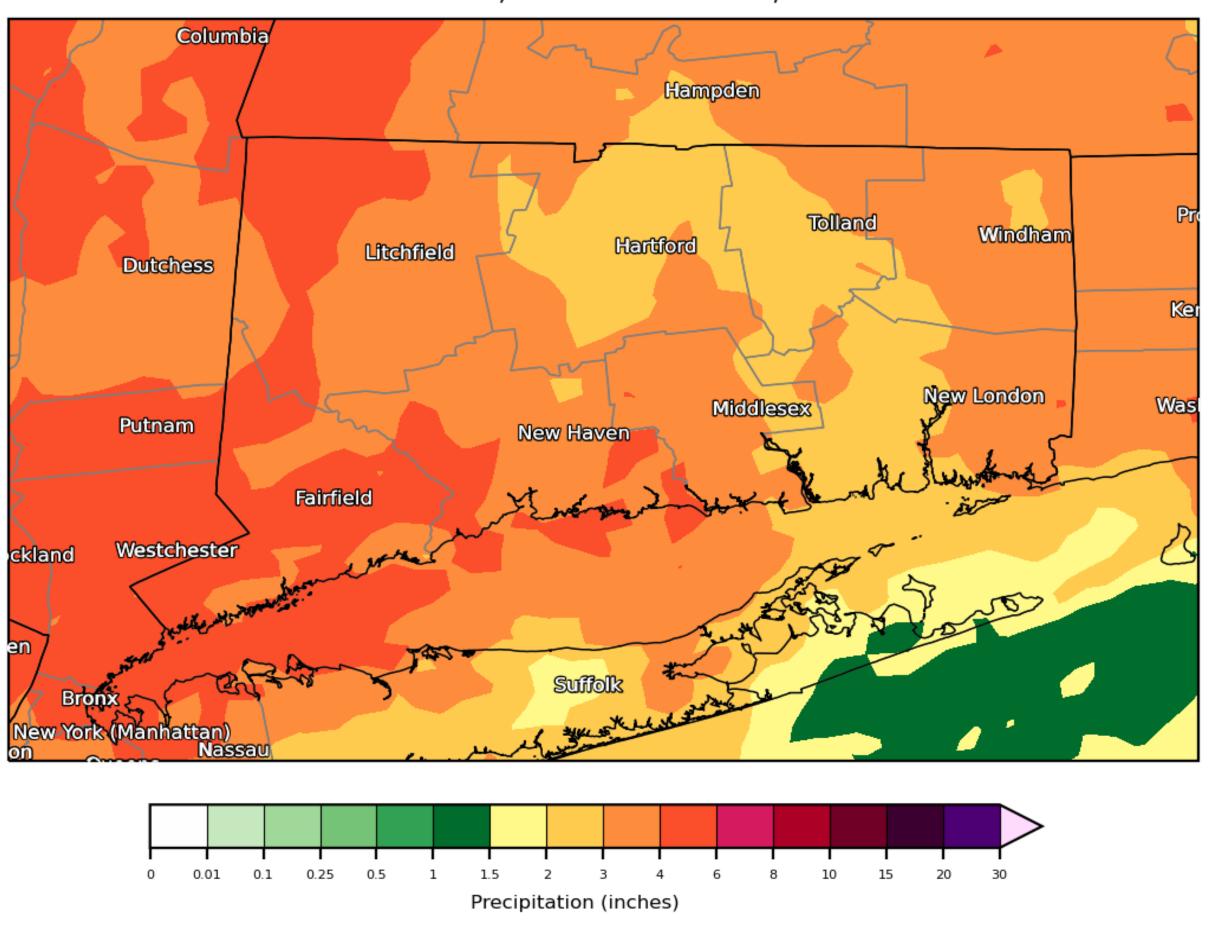
Prepared by: NWS WFO Norton/Boston, MA





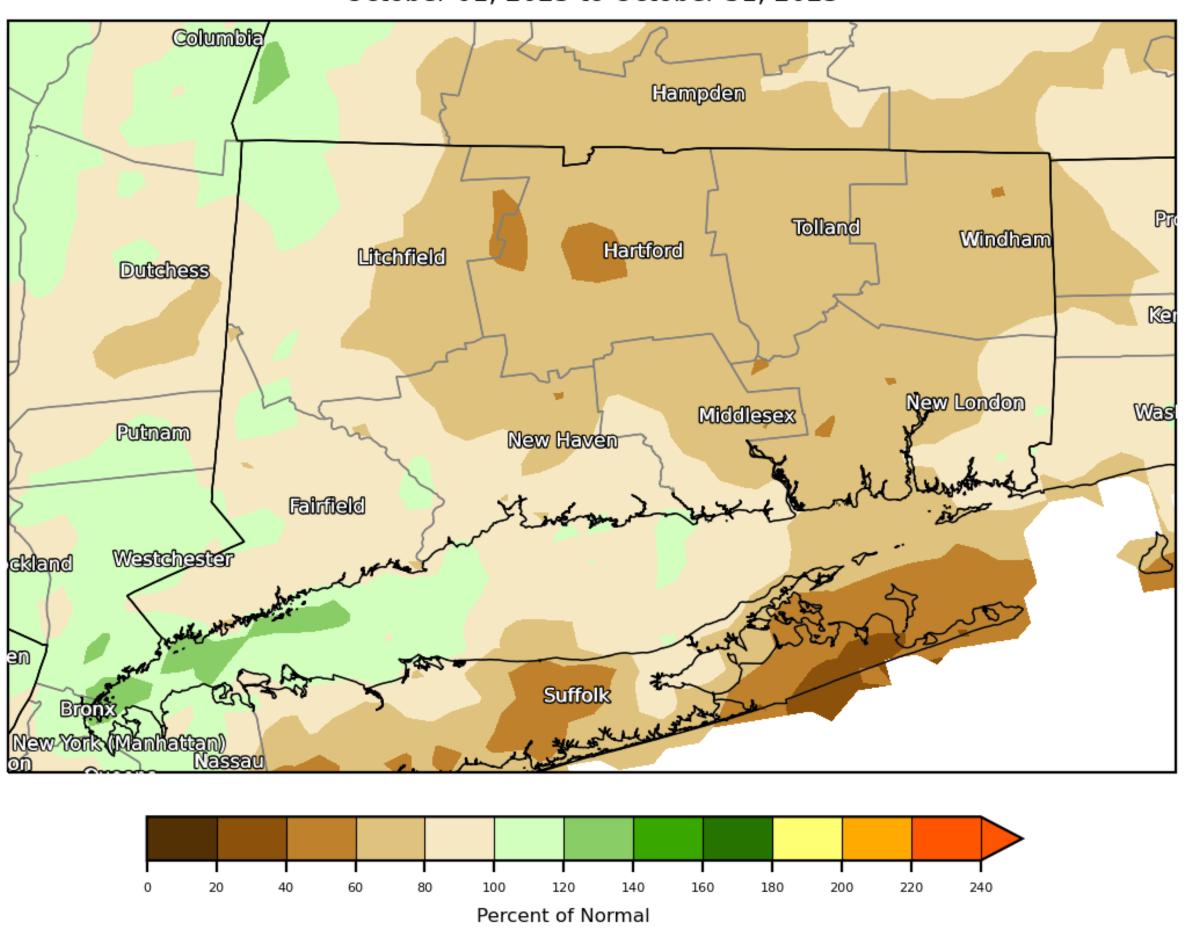
# Albany, NY WEATHER FORECAST OFFICE

#### Accumulated Precipitation (inches) October 01, 2023 to October 31, 2023



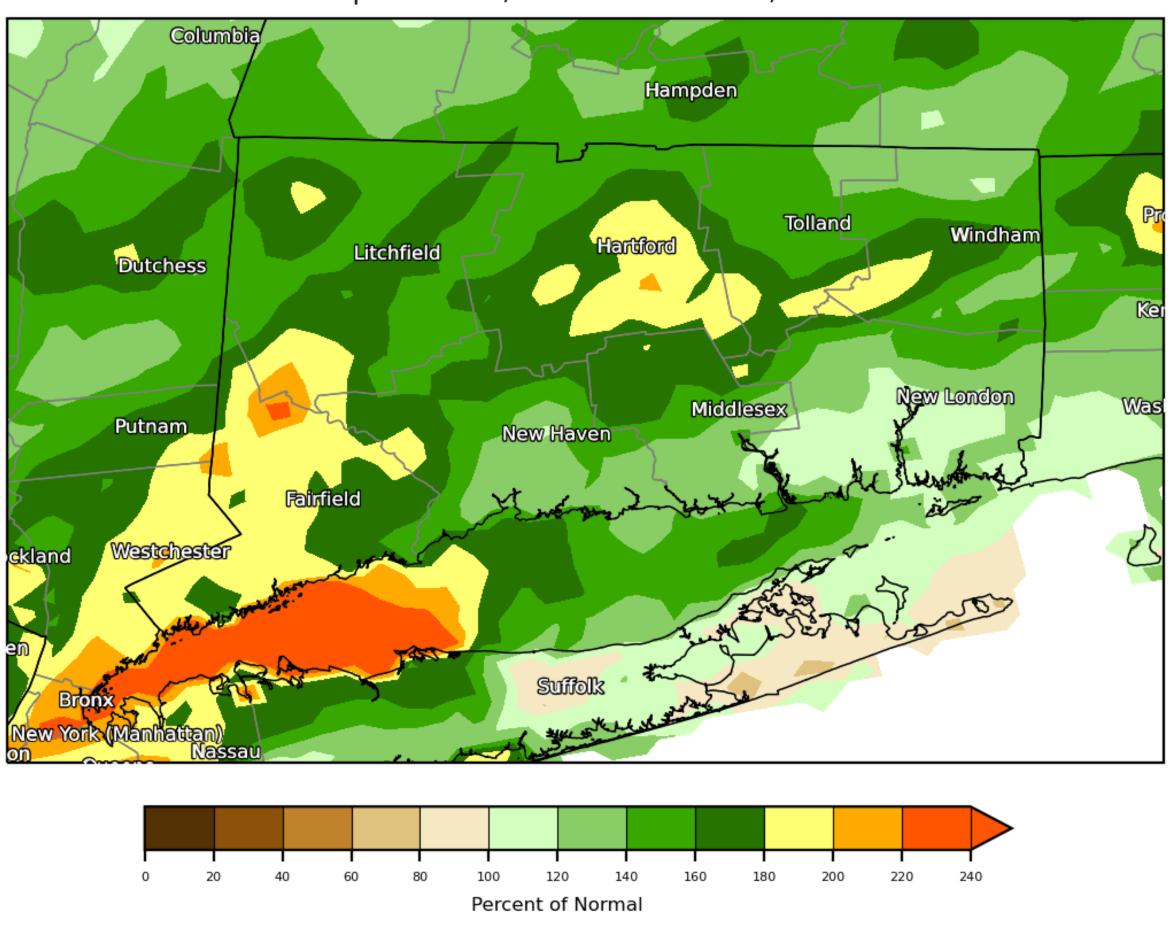


Precipitation Percent of Normal October 01, 2023 to October 31, 2023



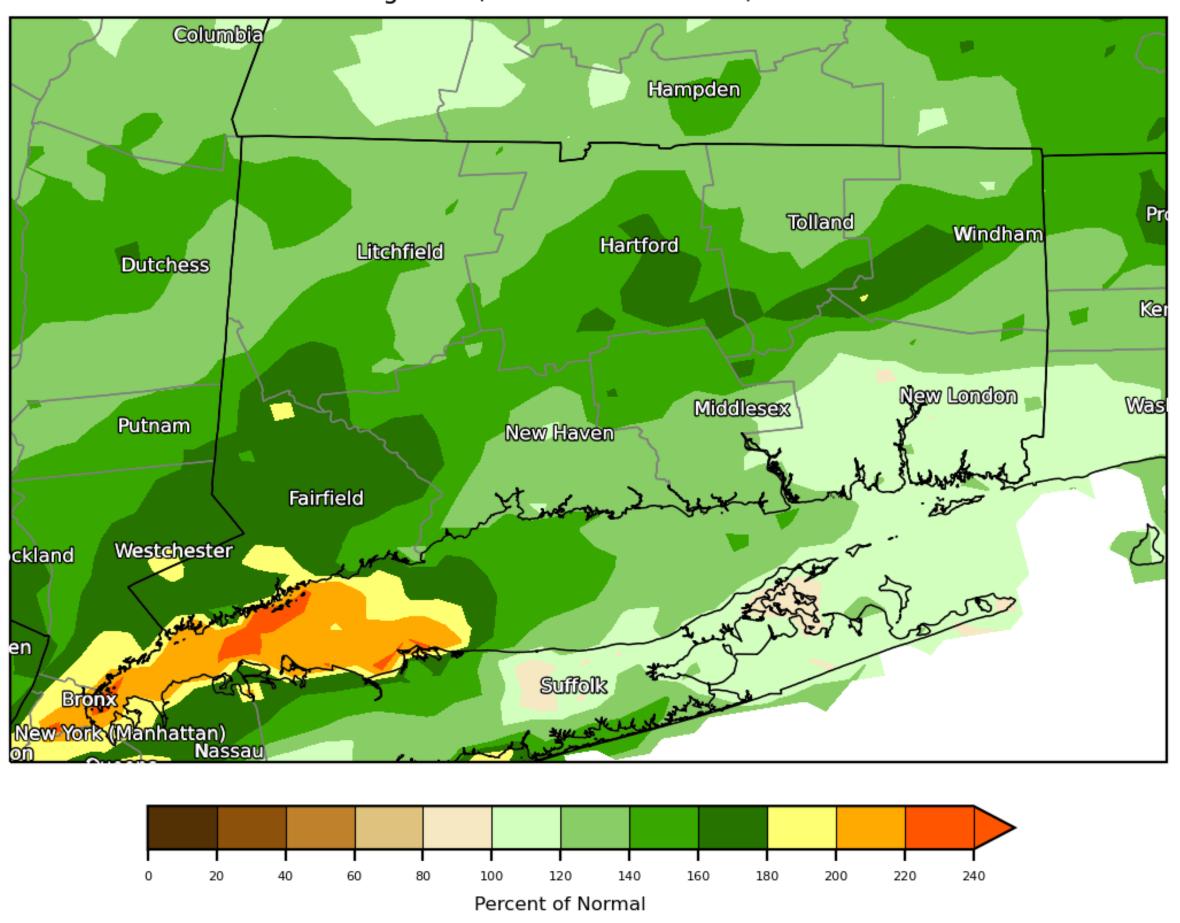


Precipitation Percent of Normal September 01, 2023 to October 31, 2023





#### Precipitation Percent of Normal August 01, 2023 to October 31, 2023

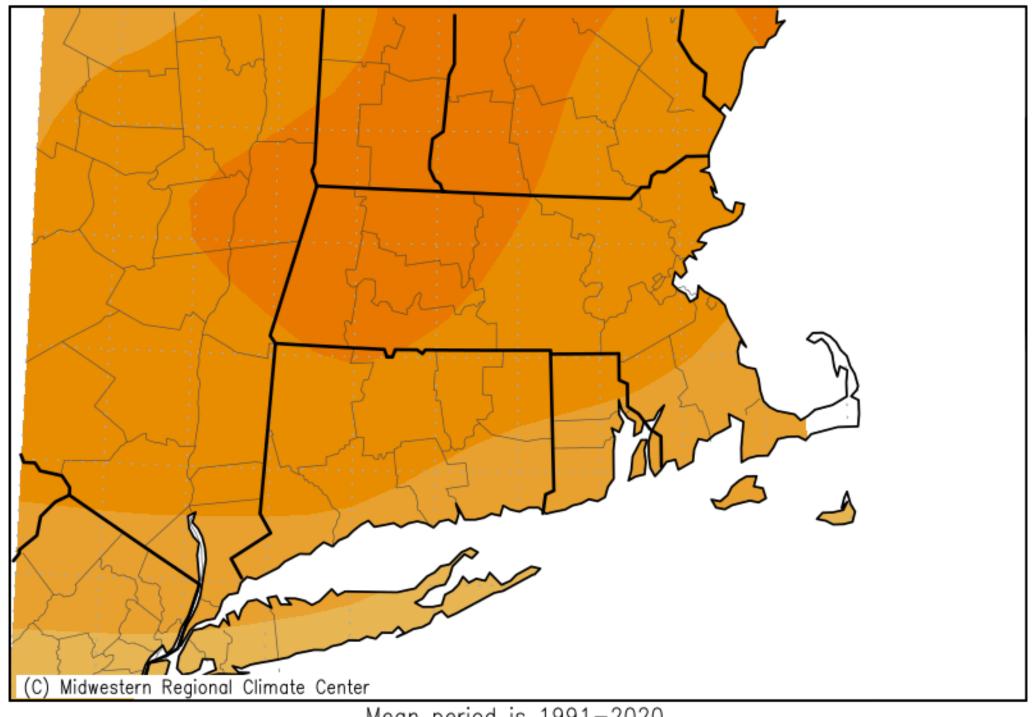


## October 2023 — 30-day Temp Departure

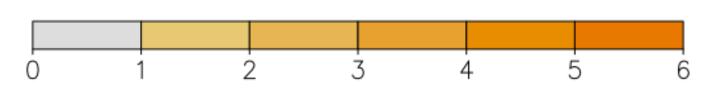


### Albany, NY WEATHER FORECAST OFFICE

Average Temperature (°F): Departure from Mean October 1, 2023 to October 30, 2023



Mean period is 1991-2020.



Midwestern Regional Climate Center cli-MATE: MRCC Application Tools Environment Generated at: 11/1/2023 8:39:49 AM EDT

CT: 30-Day Temperatures have averaged 2 to 4 degrees above normal

## CPC Outlook for November 2023



# Albany, NY WEATHER FORECAST OFFICE

