Drought Conditions Report

May 6, 2021

Connecticut Water Planning Council
Interagency Drought Workgroup

CT Interagency Drought Workgroup

May 6, 2021
2:00 p.m. EST, conducted remotely via Zoom:

Join Zoom Meeting
https://us02web.zoom.us/j/81173849764?pwd=TGk5SGNhbVFwbE1ZU2JRbGNQTmdZZz09

Meeting ID: 811 7384 9764
Passcode: nWkqu9

Agenda

1. Call to order
2. Seating of voting members
3. Approval of minutes: March 4, 2021
4. Business:
    a. DPH presentation of pilot Drought Data Portal (SharePoint site)
    b. Current conditions review and course of action
        i. Month-end summary table for April 2021
        ii. Agency reports/updates on conditions & forecast
        iii. Discussion
        iv. Recommend course of action (voting item)
    c. DEMHS update on municipal drought liaison (MDL) outreach plan
    d. Report on recommendations for edits to CT Drought Preparedness and Response Plan
    e. Other
5. Next meeting – June 3, 2021
6. Adjourn

Stage 2 Drought Trigger Summary by Region -- May 6, 2021										
	Stage 2 Trigger	**Fairfield**	**Hartford**	**Litchfield**	**Middlesex**	**New Haven**	**New London**	**Tolland**	**Windham**	**Data of Record**
Precipitation (1)	Two-month total below 65% of normal	69% of normal	69% of normal	67% of normal	76% of normal	76% of normal	79% of normal	65% of normal	70% of normal	4/30/2021
Ground Water (2)	Two out of three months below the 25th percentile	≤25% stations meet trigger	≤25% stations meet trigger	40% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	4/30/2021
Streamflow (3)	Two out of three months below the 25th percentile	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	≤25% stations meet trigger	100% stations meet trigger	30% stations meet trigger	4/30/2021
Reservoirs (4)	Average levels less than 80% of normal	99% of normal	102% of normal	103% of normal	103% of normal	101% of normal	101% of normal	100% of normal	100% of normal	4/26/2021
Palmer Drought Severity Index (5)	-2.0 to -2.99	-1.26	-1.07	-1.25	-1.26	-1.26	-1.26	-1.07	-1.07	5/1/2021
Crop Moisture Index (6)	-1.0 to –1.99	0.42	0.29	0.23	0.42	0.42	0.42	0.29	0.29	5/1/2021
VegDRI (seasonal) (7)	Pre-drought stress	Pre-drought stress	Partially meets threshold	Pre-drought stress	Does not meet threshold	Pre-drought stress	Partially meets threshold	Does not meet threshold	Does not meet threshold	5/2/2021
Fire Danger (8)	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	5/6/2021
U.S. Drought Monitor (9)	Intensity level D1-D2	D0	D0	D0	D0	D0	D0	D0	D0	5/6/2021

Key:	Drought trigger met across the majority of region	Region partially meets drought trigger or is near trigger threshold (judgement call needed)	Drought trigger not met across the majority of region (conditions can be worse in specific localities)

Methodology:

(1) Based on monthly precipitation averaged by region, calculated by National Weather Service (NWS).

(2) Based on monthly assessment of groundwater stations by region, calculated by United States Geological Survey (USGS). Region is identified as meeting trigger when ≥65% of stations in the region meet the threshold. Region is identified as not meeting trigger when ≤25% of stations in the region meet the threshold. Region is identified as partially meeting trigger when greater than 25% and less than 65% of stations in the region meet the threshold.

(3) Based on monthly assessment of stream gauge stations by region, calculated by USGS. Region is identified as meeting trigger when ≥65% of stations in the region meet the threshold. Region is identified as not meeting trigger when ≤25% of stations in the region meet the threshold. Region is identified as partially meeting trigger when greater than 25% and less than 65% of stations in the region meet the threshold.

(4) Based on latest available reservoir status reports obtained from public water suppliers and compiled by CT Department of Public Health Drinking Water Section.

(5) Calculated by Climate Prediction Center (CPC) for each State Climate Division and extrapolated to county. Northwestern Climate Division reflective of Fairfield county, Central Climate Division reflective of Hartford, Tolland, Windham counties. Blend of Central Climate Division and Coastal Climate Division for Fairfield, New Haven, Middlesex, New London counties.

(6) Calculated by CPC for each State Climate Division and extrapolated to county. Northwestern Climate Division reflective of Fairfield county, Central Climate Division reflective of Hartford, Tolland, Windham counties. Blend of Central Climate Division and Coastal Climate Division for Fairfield, New Haven, Middlesex, New London counties.

(7) Based on visual assessment of geographic extent of each VegDri drought designation in each region, calculated by the National Drought Mitigation Center in collaboration with USGS.

(8) Based on daily forest fire danger report from CT DEEP Bureau of Natural Resources, Division of Forestry.

(9) Based on analysis of most recent edition of the U.S. Drought Monitor, produced by the National Drought Mitigation Center.

Connecticut Precipitation
National Weather Service Offices
Boston/Norton MA, Albany NY, Upton NY
Preliminary Precipitation Data (inches) by County
Precipitation Data Through April 2021
Includes CoCoRaHS data

CT 1 Month April 2021	Rainfall	Departure	Percent	Normal
Litchfield	3.20	-1.00	76	4.20
Hartford	3.25	-1.06	75	4.31
Tolland	3.30	-1.31	72	4.61
Windham	3.74	-0.85	82	4.59
Fairfield	3.40	-1.05	76	4.44
New Haven	3.59	-0.79	82	4.37
Middlesex	3.33	-1.09	75	4.42
New London	4.22	-0.34	93	4.56

CT 2 month Mar-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	5.59	-2.76	67	8.35
Hartford	5.80	-2.62	69	8.42
Tolland	5.77	-3.18	65	8.95
Windham	6.33	-2.71	70	9.04
Fairfield	6.12	-2.69	69	8.80
New Haven	6.63	-2.10	76	8.72
Middlesex	6.63	-2.14	76	8.77
New London	7.49	-1.93	79	9.42

CT 3 month Feb-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	9.10	-2.58	78	11.68
Hartford	9.07	-2.62	78	11.69
Tolland	8.88	-3.41	72	12.30
Windham	9.73	-2.60	79	12.33
Fairfield	10.06	-1.84	85	11.90
New Haven	10.76	-1.12	91	11.88
Middlesex	11.08	-1.03	92	12.11
New London	11.03	-1.80	86	12.83

CT 4 month Jan-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	10.98	-4.26	72	15.24
Hartford	11.42	-3.90	75	15.31
Tolland	11.20	-4.93	69	16.13
Windham	12.44	-3.63	77	16.07
Fairfield	11.84	-3.64	76	15.48
New Haven	12.34	-3.09	80	15.43
Middlesex	13.45	-2.41	85	15.86
New London	14.02	-2.54	85	16.56

CT 5 month Dec 20-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	18.16	-1.07	94	19.23
Hartford	19.31	0.06	100	19.25
Tolland	19.10	-1.19	94	20.30
Windham	21.93	1.61	108	20.32
Fairfield	17.90	-1.66	91	19.56
New Haven	19.98	0.65	103	19.33
Middlesex	21.74	1.56	108	20.18
New London	21.44	0.59	103	20.85

CT 6 month Nov 20-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	22.02	-1.48	94	23.49
Hartford	22.87	-0.85	96	23.72
Tolland	22.99	-1.80	93	24.80
Windham	26.35	1.60	106	24.76
Fairfield	21.89	-1.97	92	23.86
New Haven	24.15	0.66	103	23.49
Middlesex	26.03	1.51	106	24.52
New London	26.17	0.82	103	25.35

CT 7 month Oct 20-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	27.25	-1.08	96	28.32
Hartford	29.28	0.66	102	28.62
Tolland	28.99	-0.56	98	29.56
Windham	31.13	1.86	106	29.27
Fairfield	27.22	-1.18	96	28.40
New Haven	29.64	1.51	105	28.13
Middlesex	31.03	1.14	104	29.89
New London	31.36	1.73	106	29.63

CT 12 month May 20-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	43.06	-7.66	85	50.72
Hartford	40.56	-10.28	80	50.84
Tolland	41.76	-8.30	83	50.06
Windham	44.05	-6.12	88	50.17
Fairfield	43.96	-6.25	88	50.21
New Haven	44.34	-4.35	91	48.69
Middlesex	44.77	-6.39	88	51.16
New London	43.50	-6.39	87	49.89

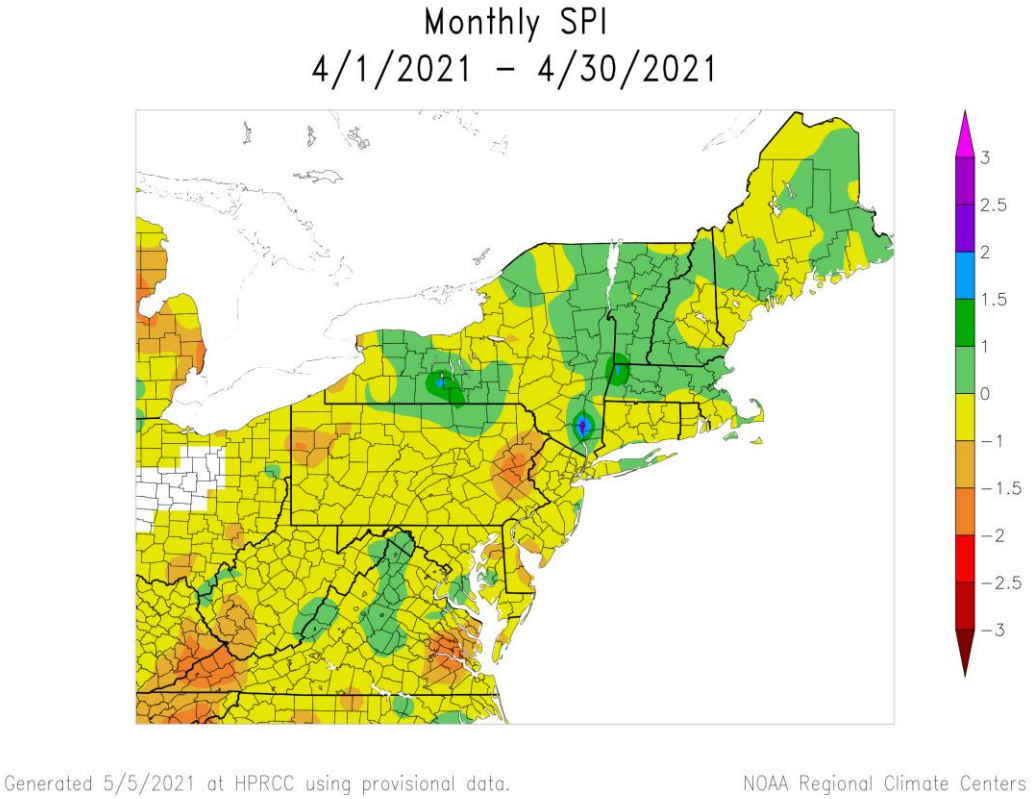
CT 24 month May 19-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	91.91	-9.53	91	101.44
Hartford	90.51	-11.18	89	101.69
Tolland	94.50	-5.62	94	100.13
Windham	95.61	-4.74	95	100.35
Fairfield	96.60	-3.82	96	100.42
New Haven	97.36	-0.02	100	97.38
Middlesex	99.05	-3.27	97	102.32
New London	99.17	-0.61	99	99.79

CT 36 month May 18-Apr 21	Rainfall	Departure	Percent	Normal
Litchfield	158.97	6.81	104	152.16
Hartford	155.85	3.32	102	152.53
Tolland	159.42	9.23	106	150.19
Windham	161.77	11.25	107	150.52
Fairfield	163.09	12.46	108	150.63
New Haven	161.41	15.34	111	146.06
Middlesex	164.75	11.27	107	153.48
New London	161.00	11.32	108	149.68

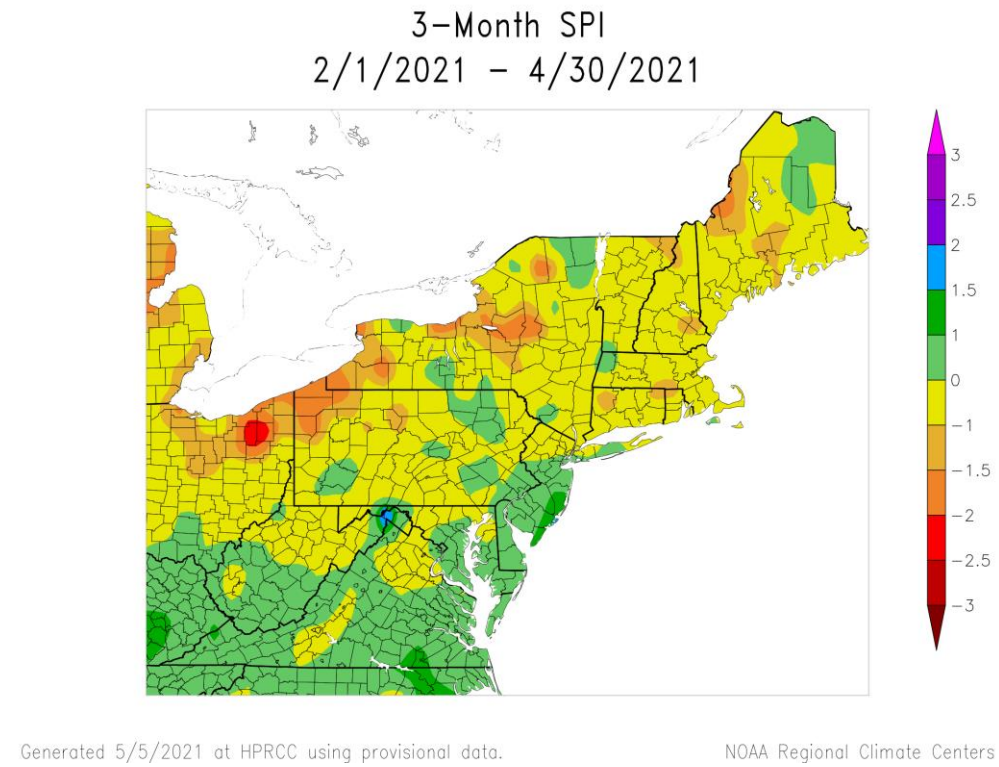
County-based monthly precipitation totals are calculated using an average of all available full-month precipitation totals within that County from the following networks: Community Collaborative Rain, Hail and Snow network (CoCoRaHS), Cooperative Weather Observer Program (Coop), and Automated Surface Observing Systems (ASOS) data.

Coop and ASOS sites are part of National Weather Service networks. CoCoRaHS is a community-based network of volunteers that report precipitation.

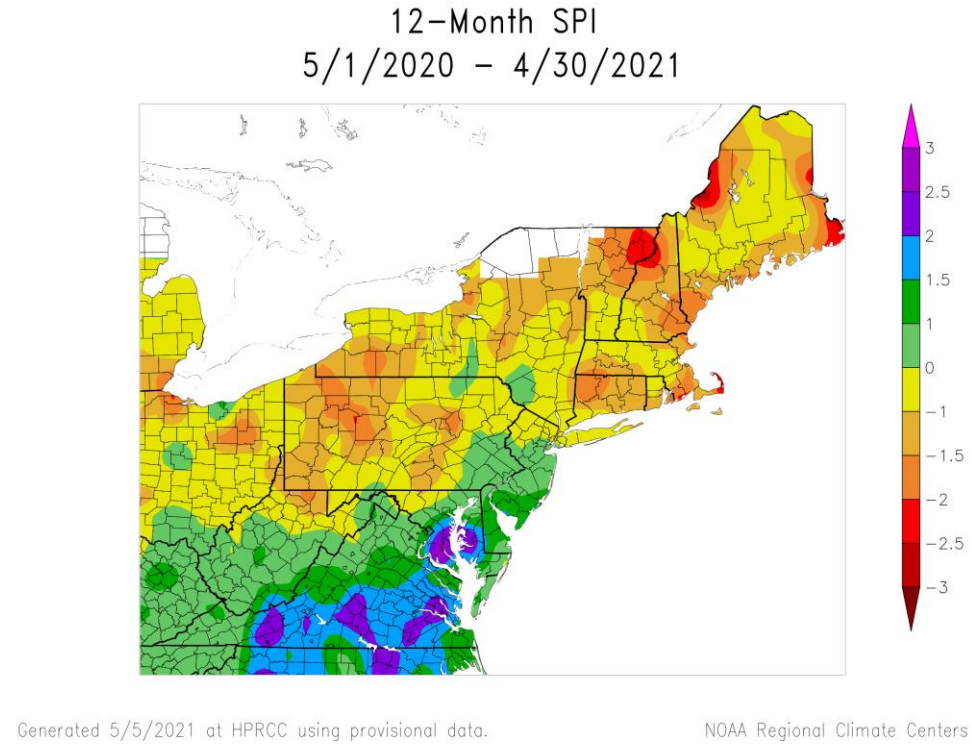
County-based monthly normals were calculated using 30-year precipitation normals from NOAA/National Centers for Environmental Information (NCEI) for the period of 1981-2010. Monthly normals from 42 stations (consisting of Coop and ASOS stations) were grouped by County to calculate a single monthly normal for each County.



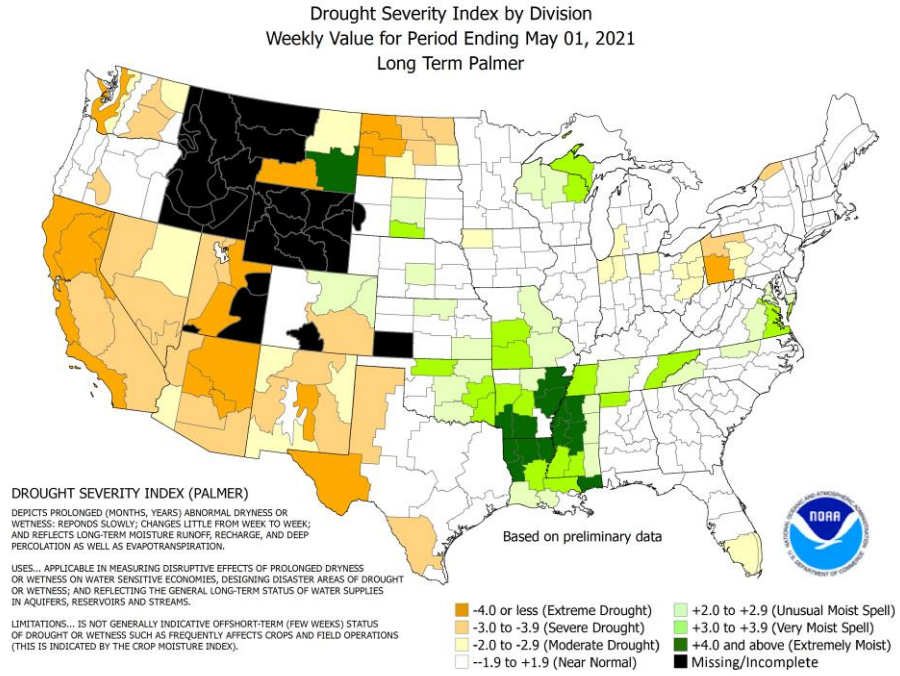
Map 1. April 2021 SPI, from NOAA Regional Climate Centers.\



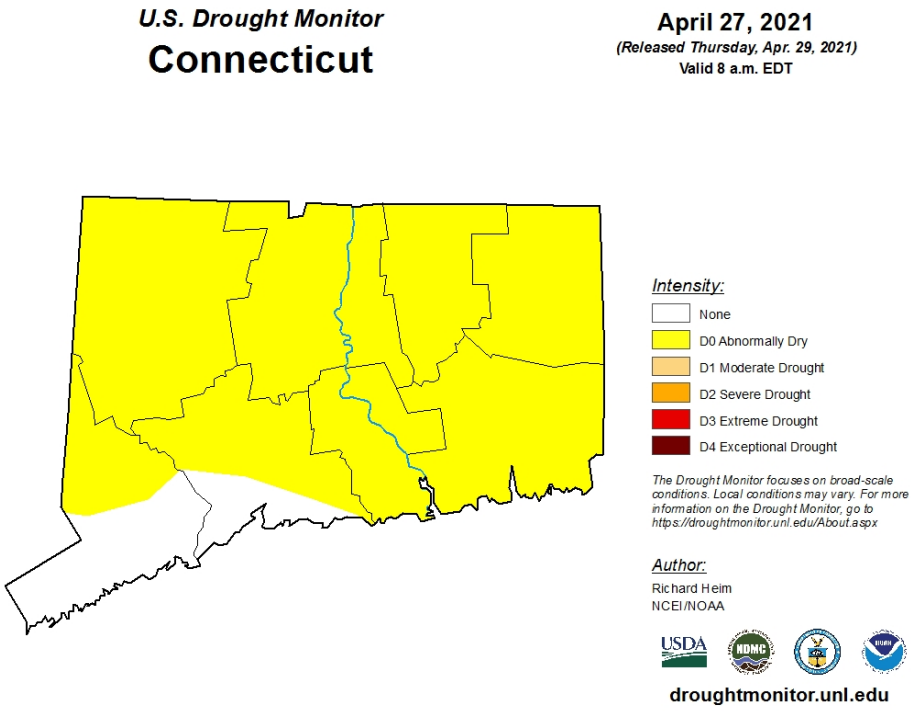
Map 2. Three month SPI ending April 2021, from the NOAA Regional Climate Centers.



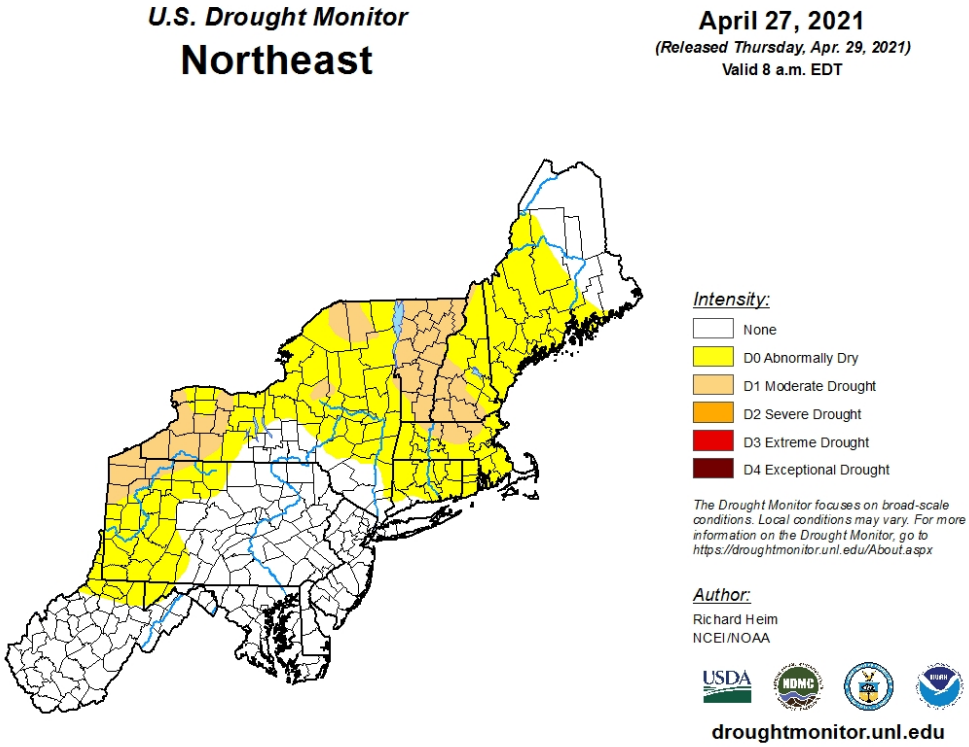
Map 3. Twelve month SPI ending April 2021, from the NOAA Regional Climate Centers.



Map 4. Palmer Drought Index from the Climate Prediction Center as of 5/1/21. CT Palmer Drought Index values: Northwest -1.25 (Near Normal), Central -1.07 (Near Normal), Coastal -1.45 (Near Normal).



Map 5. U.S. Drought Monitor zoom-in on CT, effective 4/27/2021.



Map 6. U.S. Drought Monitor for Northeast US, effective 4/27/2021.

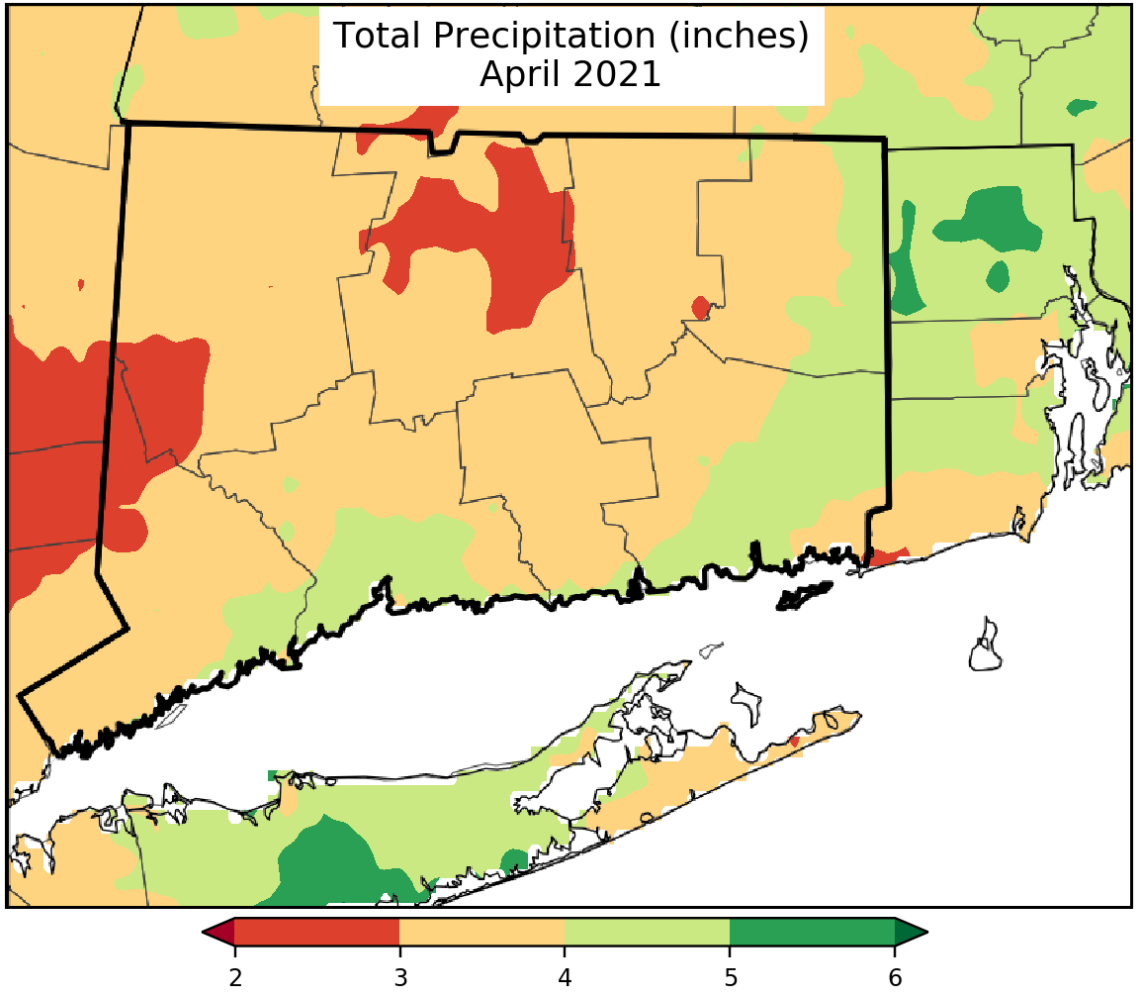
NWS Conditions Update

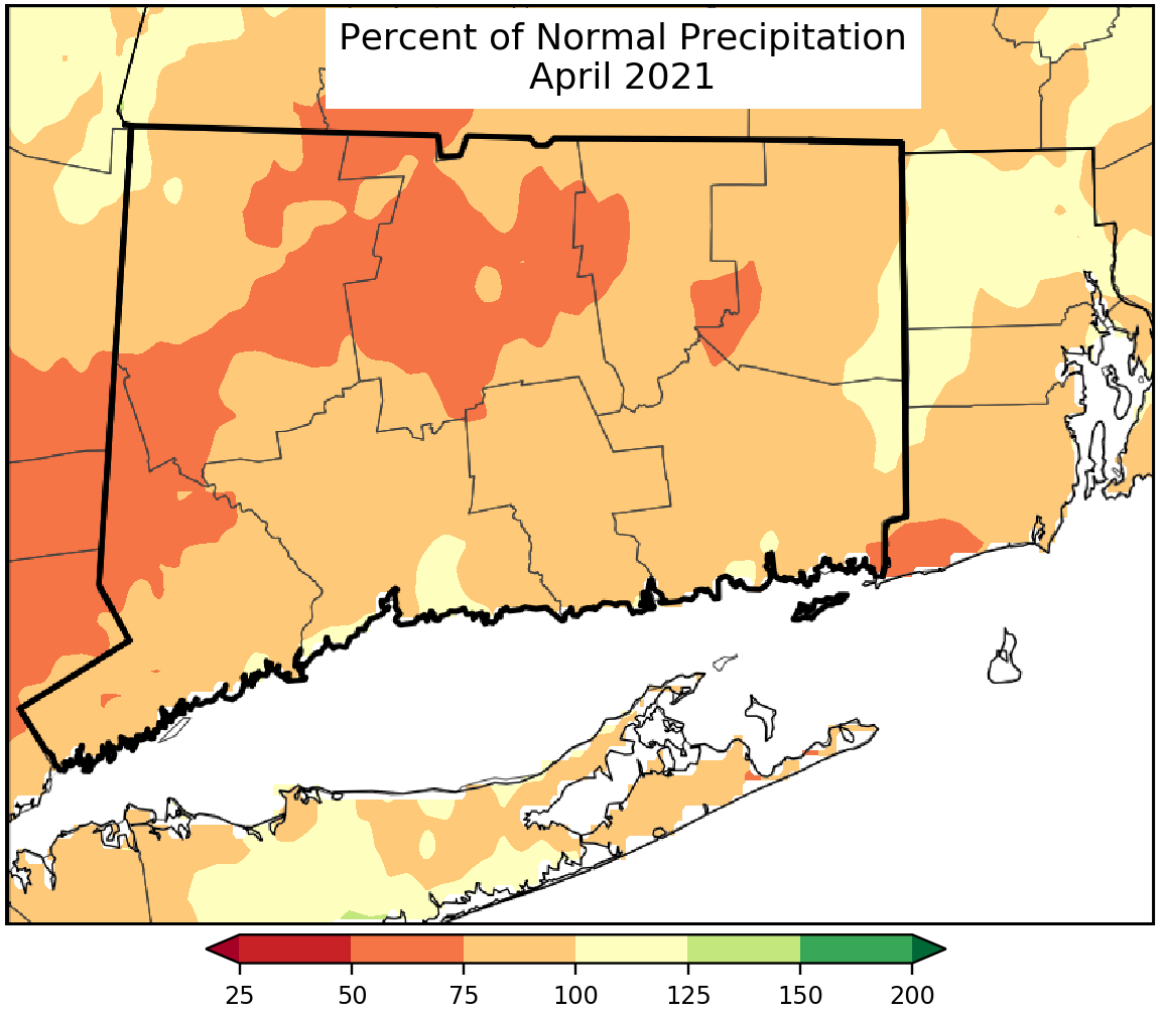
Connecticut Interagency Drought Workgroup Meeting

National Weather Service Boston MA

May 6 2021

April 2020 Rainfall

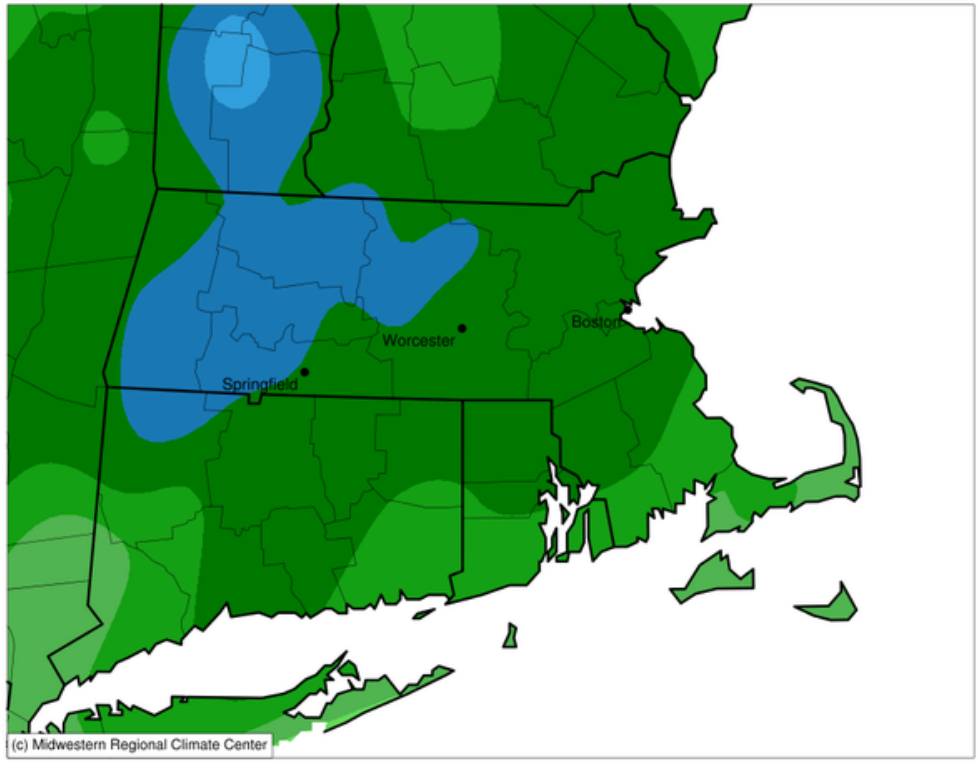




Rainfall in May so far...

Accumulated Precipitation (in)

May 01, 2021 to May 05, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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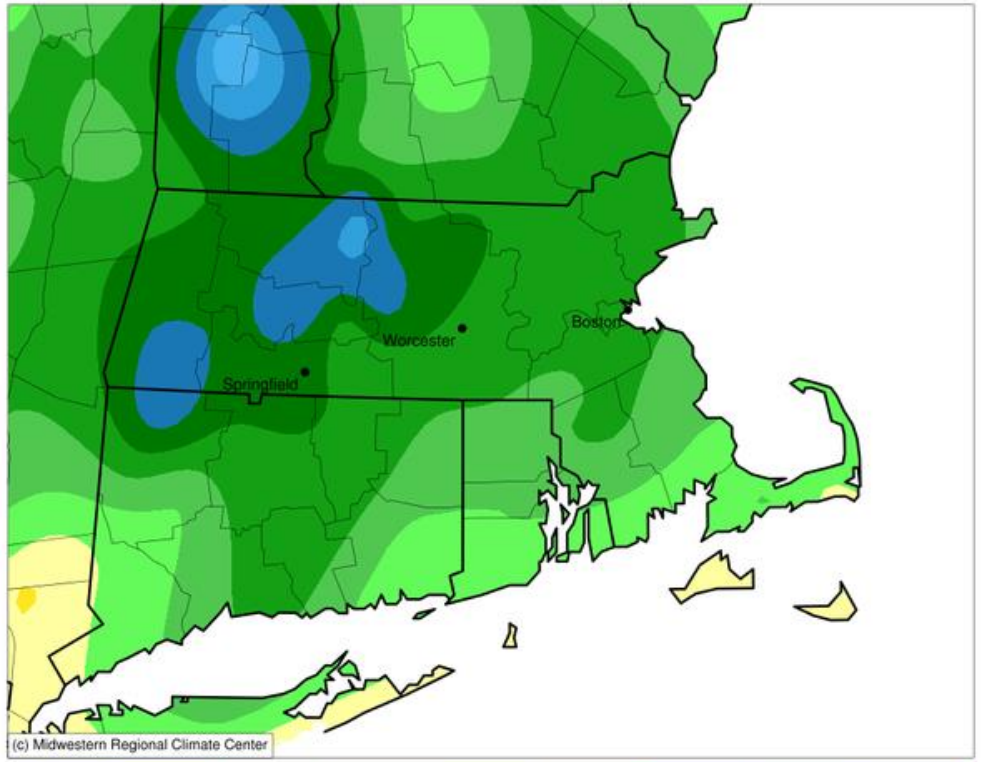
Accumulated Precipitation (in): Departure from 1981-2010 Normals

May 01, 2021 to May 05, 2021



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
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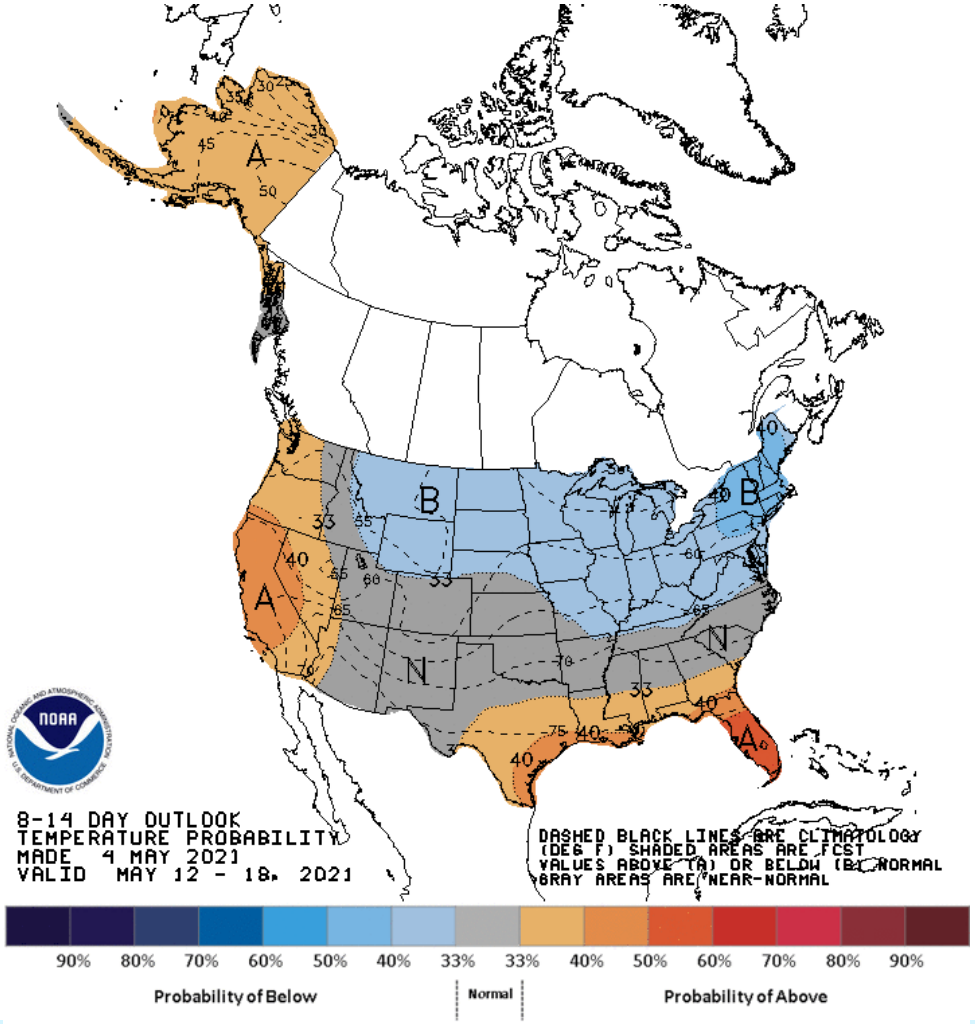
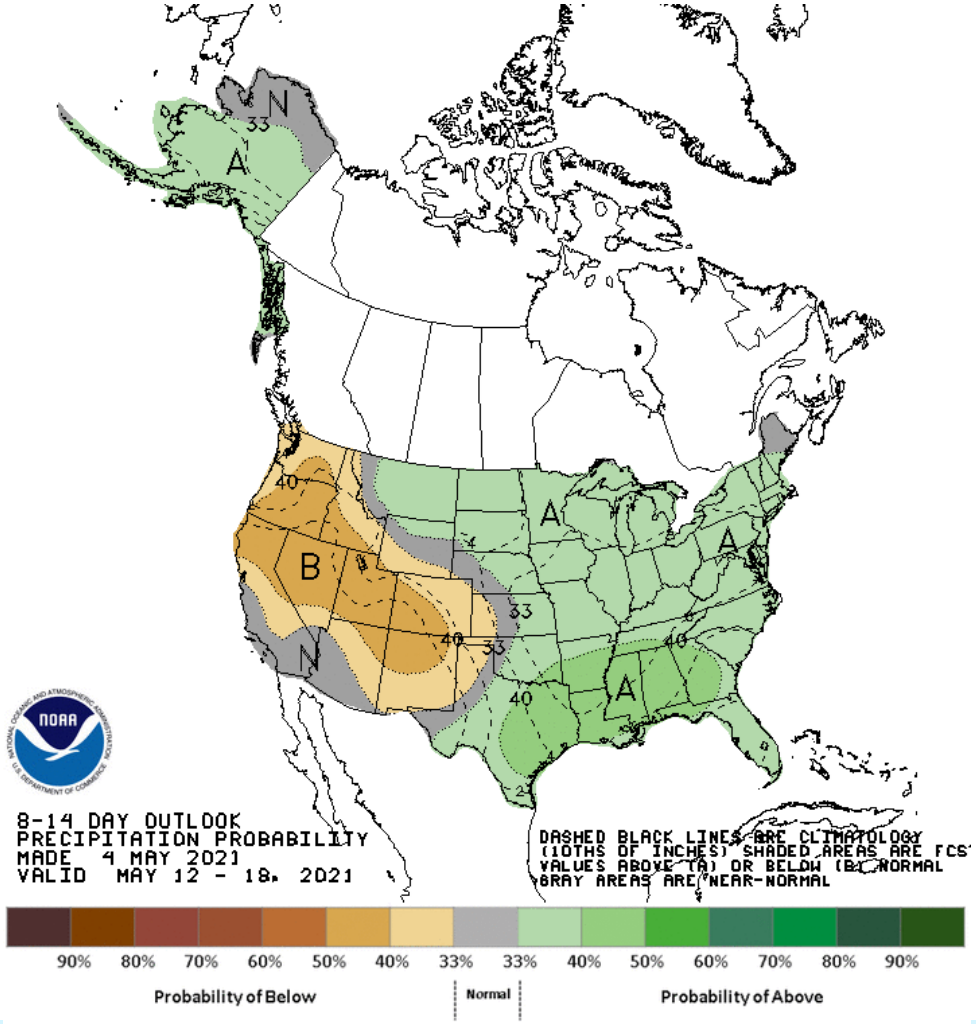
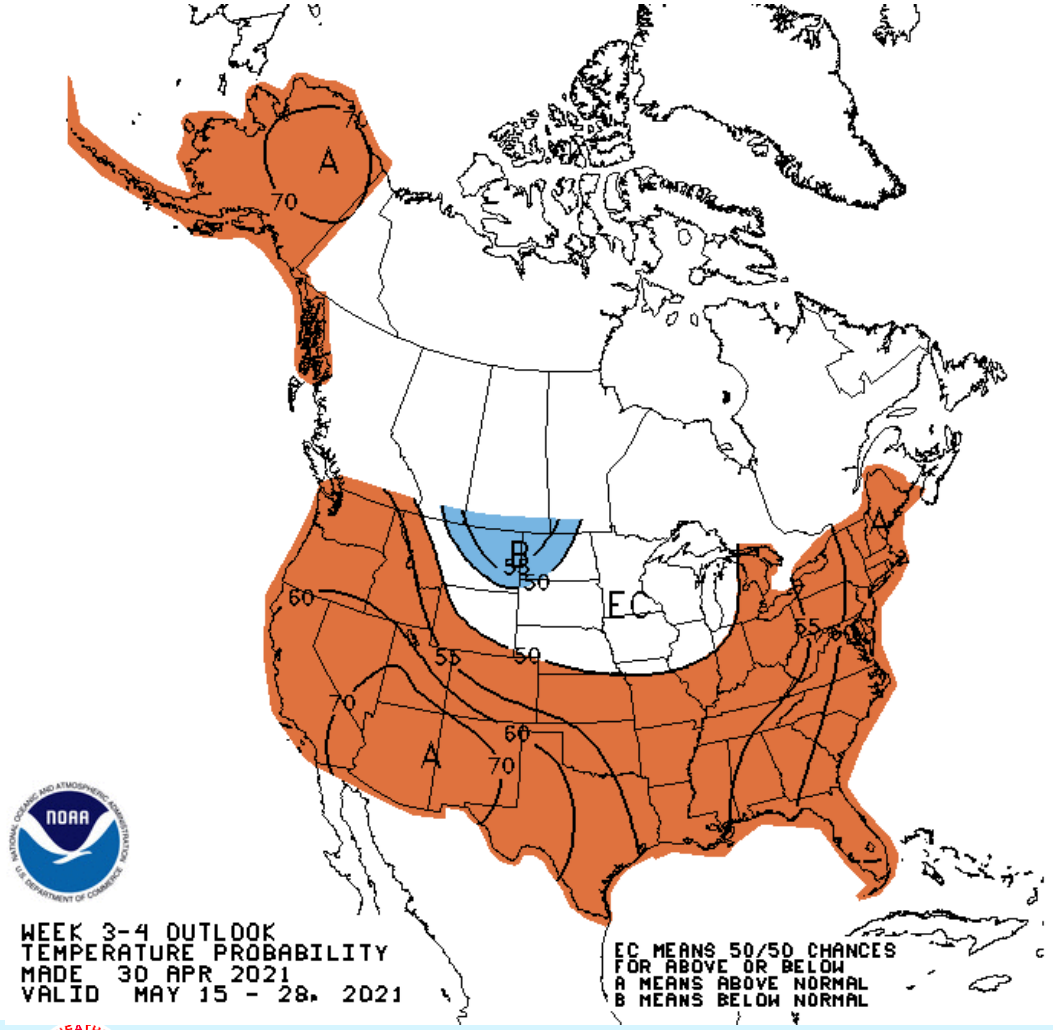
Outlook for May 12-18

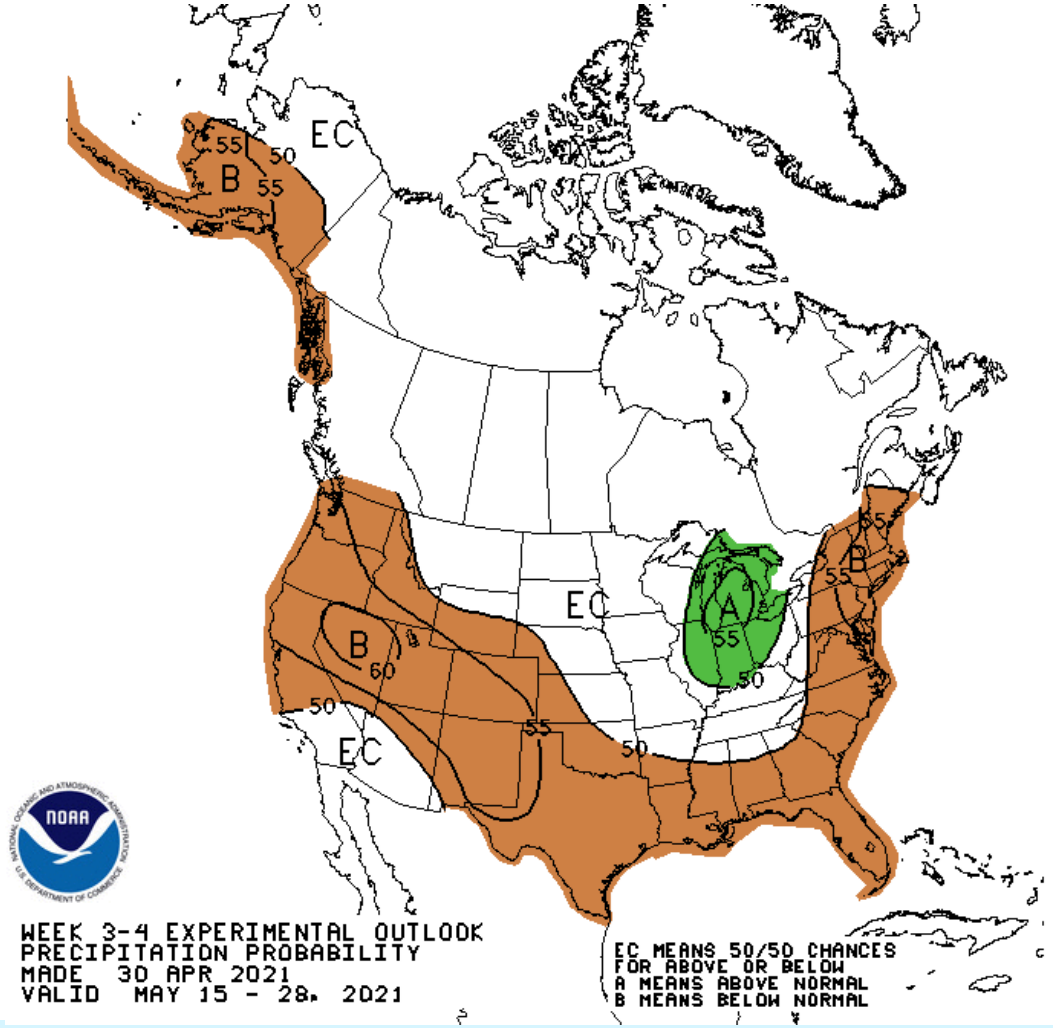




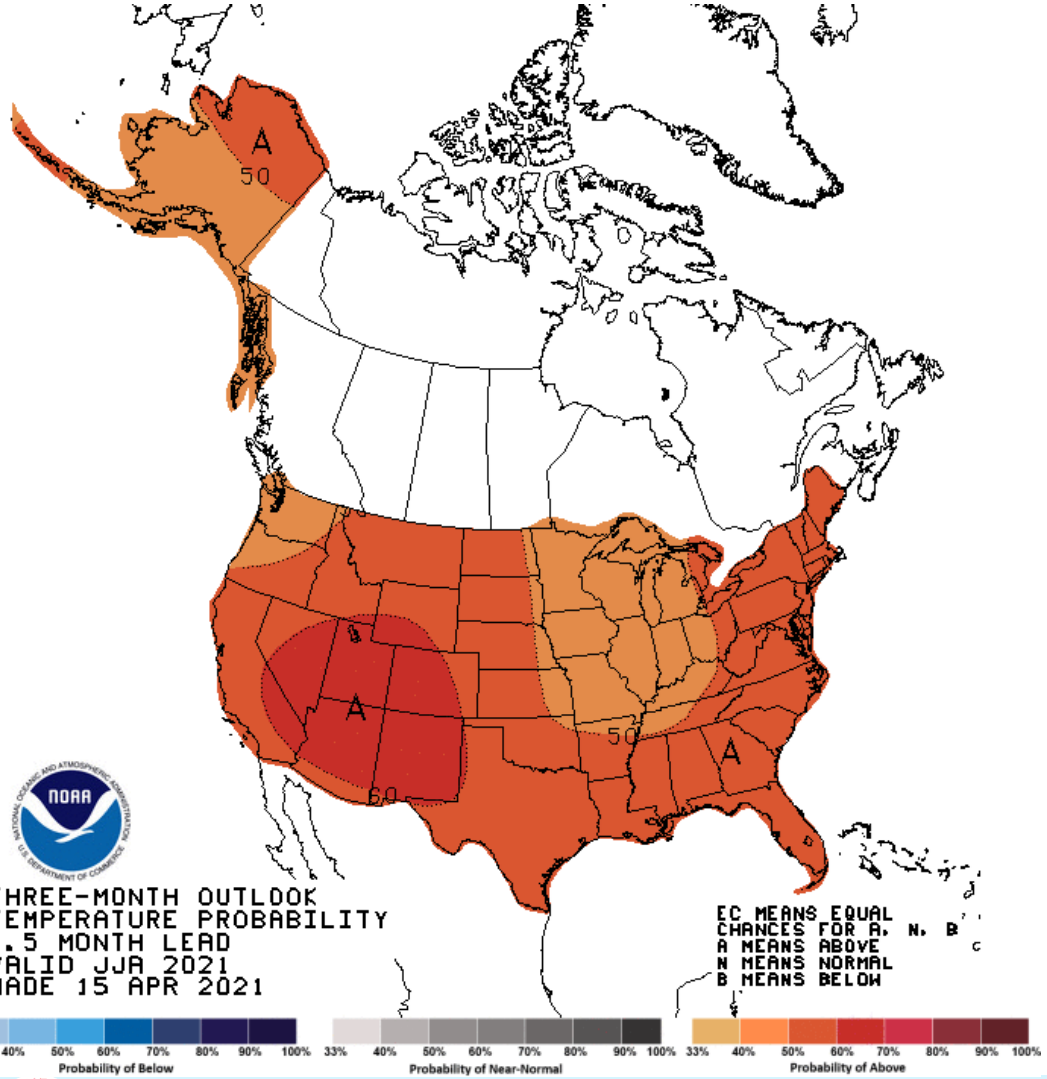
Outlook for May 15-29

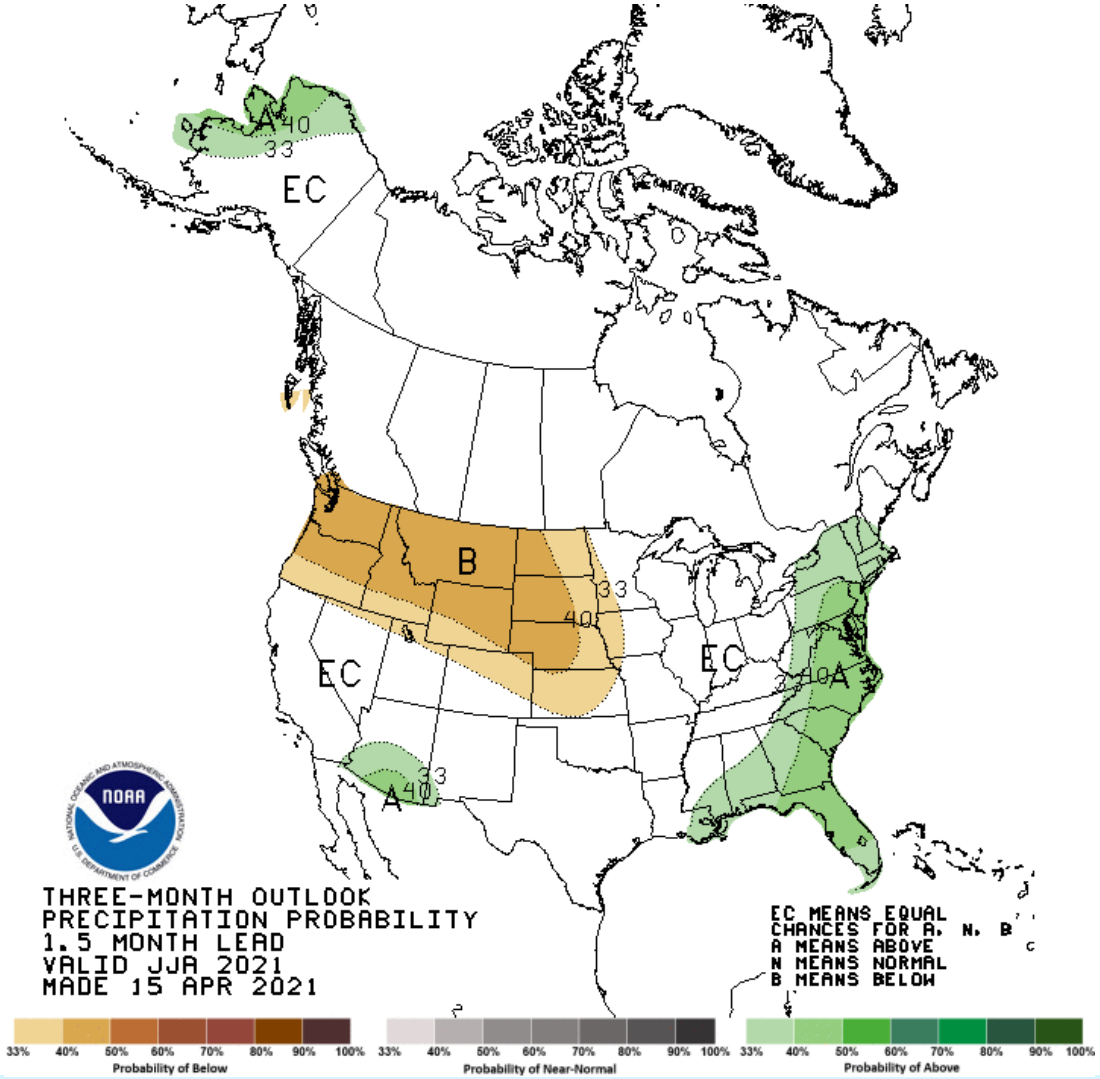
This Week 3-4 Outlook is issued weekly on Fridays





Outlook for June/July/Augst





Provisional data, subject to review and revision

U.S. Geological Survey

Status of streamflow and groundwater levels, as of April 30, 2021

USGS

Provisional data, subject to review and revision

County	Number of wells	Number of wells below normal for 2 or more consecutive months	Number of wells below normal for 4 or more consecutive months	Percent stage 2	Percent stage 3
Fairfield	11	1	0	9.1	0
Hartford	10	1	0	10	0
Litchfield	5	2	1	40	20
Middlesex	7	0	0	0	0
New Haven	13	2	0	15.4	0
New London	5	0	0	0	0
Tolland	12	2	0	16.7	0
Windham	6	1	0	16.7	0

END OF APRIL 2021 GROUNDWATER SUMMARY BY COUNTY

USGS

Provisional data, subject to review and revision

County	Number of gages	Number of gages below normal for 2 or more consecutive months	Number of gages below normal for 4 or more out of 5 consecutive months	Percent stage 2	Percent stage 3
Fairfield	14	0	0	0	0
Hartford	11	0	0	0	0
Litchfield	10	0	0	0	0
Middlesex	4	1	0	25	0
New Haven	8	2	0	25	0
New London	6	0	0	0	0
Tolland	3	3	0	100	0
Windham	10	3	0	30	0

APRIL 2021 STREAMFLOW SUMMARY BY COUNTY

USGS

Department of Agriculture – Drought Status Report

Parameter	Reported Conditions			
	As of 1/6/21		Current Conditions (5/6/2021)	
	Report Date	Status	Report Date	Status
Palmer Drought Severity Index (map)	1/2/2021	Most of the state (all except coastal portions) shows unusually moist	5/1/21	Entire state shows normal
Palmer drought severity index (data)	1/2/2021	Northwest: 2.11 Central: 1.94 Coastal: 1.42	5/1/21	Northwest: -1.25 Central: -1.07 Coastal: -1.45
Precipitation needed to end drought (in.)	1/2/2021	Not reported	5/1/21	Northwest: 3.02 Central: 2.67 Coastal: 3.25
Crop Moisture (current map)	1/2/2021	Now showing entire state as wet.	5/1/21	Entire state shows normal
Topsoil moisture (current map)	1/3/2021	No data reported	5/2/21	Shows 23% of land area as short-very short in topsoil
Topsoil moisture (current vs. 5 yr. mean)	1/3/2021	No data reported	5/2/21	Shows that we are drier than the 5 yr. mean of 9% of land area short-very short
Veg DRI (% of CT land area shown as pre-drought, moderate, severe or extreme)	1/3/2021	Out of season, no VegDRI data reported outside of growing season.	5/2/21	Shows about 39% of the state in pre-drought or higher
Drought Monitor Report for CT	1/5/2021	The drought monitor continues to show improvement over the last month, with the % of the state showing no drought conditions now at 100%.	5/4/21	The drought monitor shows about 89% of the state in abnormally dry conditions
NASS Crop Progress Report (New England)	1/6/2021	No report, last report was 11/29/2020.	5/2/21	Shows 58% of New England as adequate moisture in topsoil, 63% in subsoil

Summary: Data from all of these indicators shows improved conditions throughout the state over the last month.

Explanatory notes:

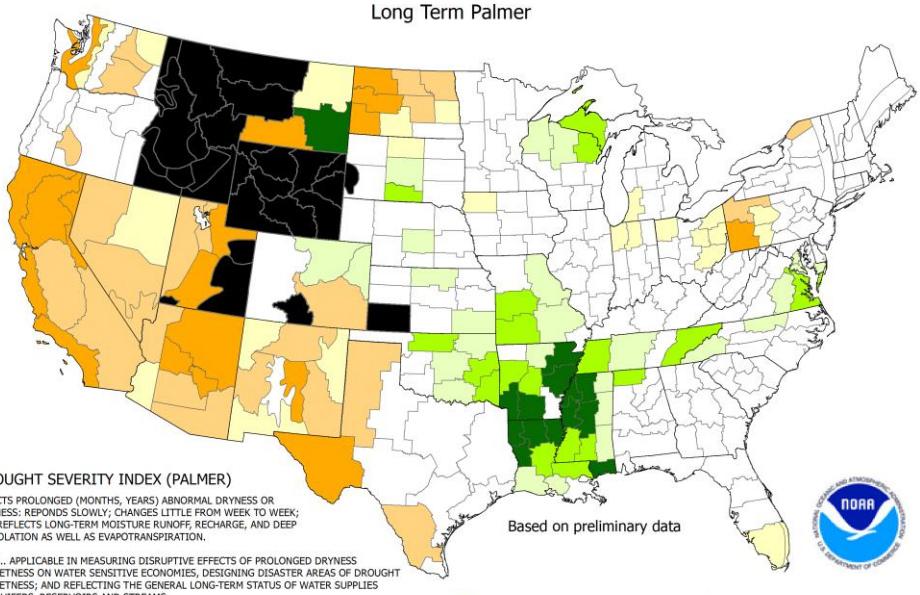
Palmer Drought Severity Index: The Palmer Drought Severity Index (PDSI) uses readily available temperature and precipitation data to estimate relative dryness. It is a standardized index that generally spans -10 (dry) to +10 (wet). Maps of operational agencies like NOAA typically show a range of -4 to +4, but more extreme values are possible.

Crop moisture index: The CMI gives the short-term or current status of purely agricultural drought or moisture surplus and can change rapidly from week to week. The CMI index indicates general conditions and not local variations caused by isolated rain. Input to the calculations include the weekly precipitation total and average temperature, division constants (water capacity of the soil, etc.) and previous history of the indices.

Topsoil moisture: Topsoil Moisture Monitoring maps are based on United States Department of Agriculture state reports of topsoil moisture conditions. Means are calculated from historical weekly data published by USDA/NASS using the closest date to the equivalent date for the year. Results are based on the short and very short percentages of topsoil moisture (upper 6 inches) reported by the USDA. Reports are based on subjective observations.

Vegetation Drought Response Index: VegDRI calculations integrate satellite-based observations of vegetation conditions, climate data, and other biophysical information such as land cover/land use type, soil characteristics, and ecological setting. The VegDRI maps that are produced deliver continuous geographic coverage over large areas, and have inherently finer spatial detail (1-km2 resolution) than other commonly available drought indicators such as the U.S. Drought Monitor. The state statistics table is located here: https://vegdri.unl.edu/Home/VegDRITables.aspx?CT.

Drought Severity Index by Division
Weekly Value for Period Ending May 01, 2021
Long Term Palmer



DROUGHT SEVERITY INDEX (PALMER)

DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS: REPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION AS WELL AS EVAPOTRANSPIRATION.

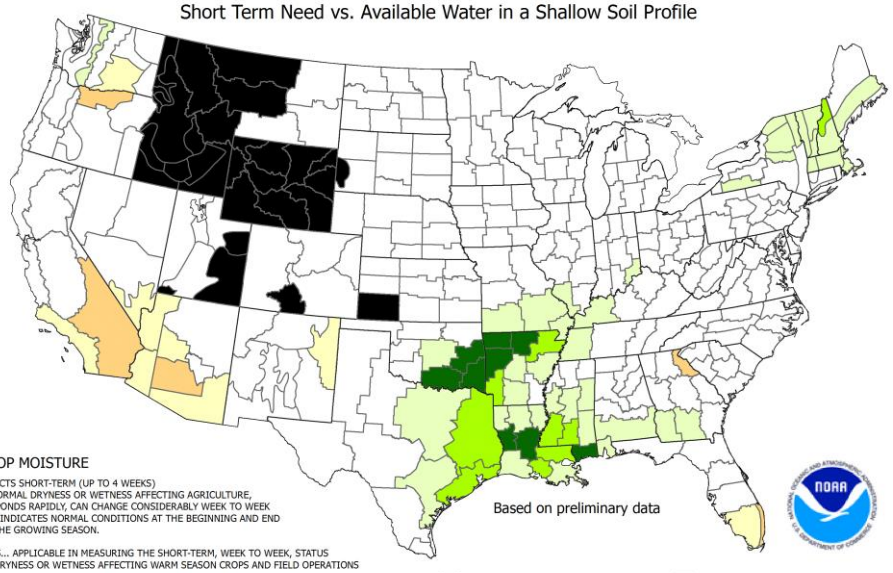
USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS AND STREAMS.

LIMITATIONS... IS NOT GENERALLY INDICATIVE OFFSHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).

Based on preliminary data

- -4.0 or less (Extreme Drought)
- -3.0 to -3.9 (Severe Drought)
- -2.0 to -2.9 (Moderate Drought)
- --1.9 to +1.9 (Near Normal)
- +2.0 to +2.9 (Unusual Moist Spell)
- +3.0 to +3.9 (Very Moist Spell)
- +4.0 and above (Extremely Moist)
- Missing/Incomplete

Crop Moisture Index by Division
Weekly Value for Period Ending May 01, 2021
Short Term Need vs. Available Water in a Shallow Soil Profile



CROP MOISTURE

DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.

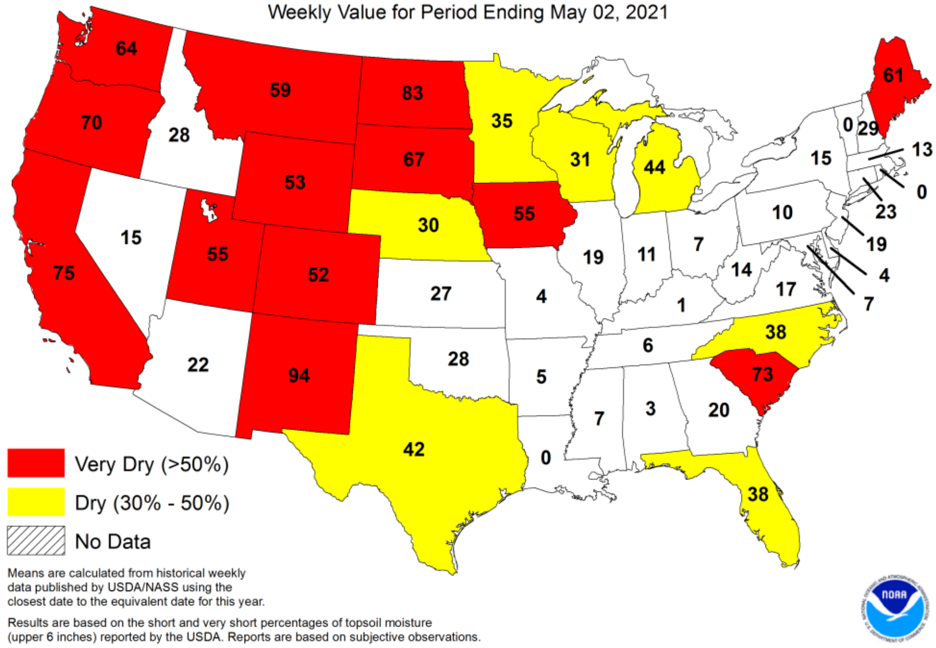
USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS

LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE,OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F.IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.

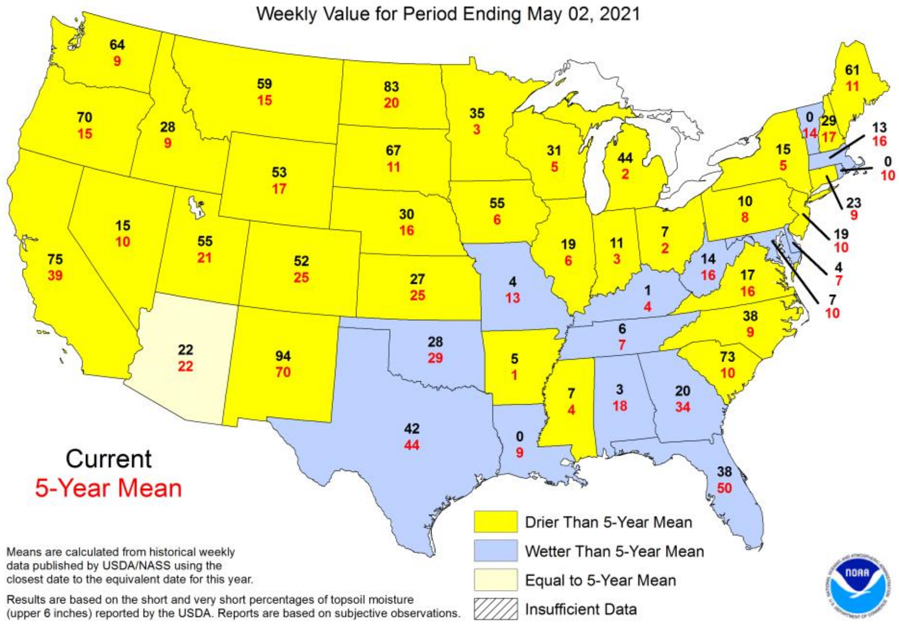
Based on preliminary data

- -3.0 or less (Severly Dry)
- -2.0 to -2.9 (Excessively Dry)
- -1.0 to -1.9 (Abnormally Dry)
- -0.9 to +0.9 (Slightly Dry/Favorably Moist)
- +1.0 to +1.9 (Abnormally Moist)
- +2.0 to +3.0 (Wet)
- 3.0 and above (Excessively Wet)
- Missing/Incomplete

USDA Topsoil Moisture by Short-Very Short
Percent of State Area
Weekly Value for Period Ending May 02, 2021



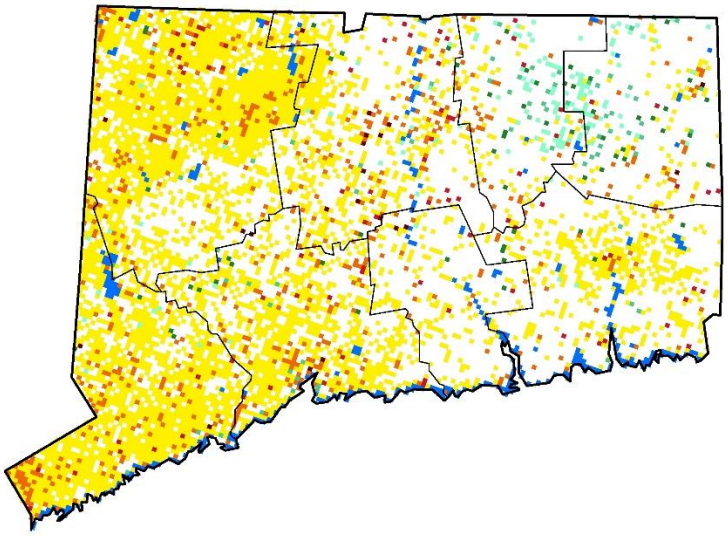
USDA Topsoil Moisture by Short-Very Short
Current Vs. 5-Year mean
Weekly Value for Period Ending May 02, 2021



Vegetation Drought Response Index

May 2, 2021

Complete: Connecticut



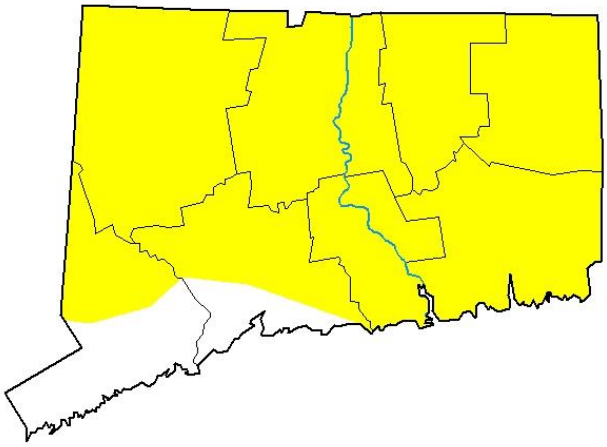
Vegetation Condition

- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water

NDMC · USGS · HPRCC · RMA

U.S. Drought Monitor

Connecticut



May 4, 2021

(Released Thursday, May. 6, 2021)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	11.33	88.67	0.00	0.00	0.00	0.00
Last Week *04-27-2021*	11.43	88.57	0.00	0.00	0.00	0.00
3 Months Ago *02-02-2021*	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year *12-29-2020*	100.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year *09-29-2020*	0.00	100.00	70.03	57.60	24.09	0.00
One Year Ago *05-05-2020*	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:

David Simeral
Western Regional Climate Center

USDA · NDMC · NOAA

droughtmonitor.unl.edu

Lindquist, Eric

From: Fitting, Corinne
Sent: Wednesday, May 5, 2021 1:55 PM
To: Lindquist, Eric
Subject: RE: CT Interagency Drought Workgroup -- 5/6/2021 Agenda

Eric, I apologize for not getting info to you earlier, but forest fire danger is currently low (so grateful for the rain!) and we've got no adverse reports regarding fisheries nor diversions. I will be sitting in for Doug at tomorrow's meeting. Corinne

Corinne Fitting
Supervising Environmental Analyst
Water Planning & Management Division
Bureau of Water Protection & Land Reuse
Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
P: 860.424.3724 | E: corinne.fitting@ct.gov

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

www.ct.gov/deep

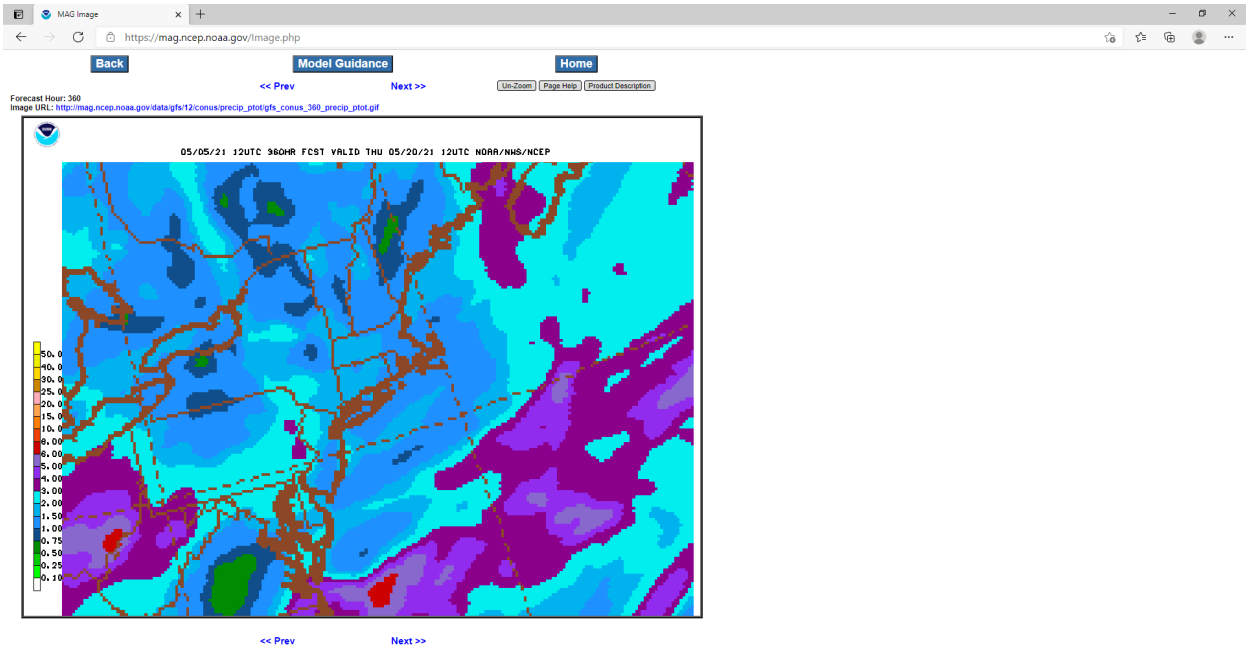
Conserving, improving and protecting our natural resources and environment;
Ensuring a clean, affordable, reliable, and sustainable energy supply.

From: Lindquist, Eric <Eric.K.Lindquist@ct.gov>
Sent: Wednesday, May 5, 2021 10:32 AM
To: Aarrestad, Peter <Peter.Aarrestad@ct.gov>; Anderson, Stephen <Stephen.Anderson@ct.gov>; Ayotte, Alyson <Alyson.Ayotte@ct.gov>; Baran, Robert <Robert.Baran@ct.gov>; Belk, Nicole <nicole.belk@noaa.gov>; Bellucci, Christopher <Christopher.Bellucci@ct.gov>; Bergeron, Brenda <Brenda.Bergeron@ct.gov>; Betkoski, John <John.Betkoski@ct.gov>; Cohen, Jason <Jason.Cohen@ct.gov>; Crawley, Kathleen (DOA <Kathleen.Crawley@doa.ri.gov>; Dumais, Kenneth <Kenneth.Dumais@ct.gov>; Dunham, Alan <alan.dunham@noaa.gov>; Fitting, Corinne <Corinne.Fitting@ct.gov>; Foreman, William <William.Foreman@ct.gov>; Furbush, Nancy <Nancy.Furbush@noaa.gov>; Glowacki, Douglas <Douglas.Glowacki@ct.gov>; Grady, Kevin <Kevin.Grady@ct.gov>; Harkey, Steven <Steven.Harkey@ct.gov>; Heft, Martin <Martin.Heft@ct.gov>; Hochholzer, Helene <Helene.Hochholzer@ct.gov>; Hoskins, Douglas <Douglas.Hoskins@ct.gov>; Hurlburt, Bryan <Bryan.Hurlburt@ct.gov>; jmullane@usgs.gov; Kenny, Robert <Robert.Kenny@ct.gov>; King-Corbin, Linda <Linda.King-Corbin@ct.gov>; Lindquist, Eric <Eric.K.Lindquist@ct.gov>; Lucchina, Gail <Gail.Lucchina@ct.gov>; Mathieu, Lori <Lori.Mathieu@ct.gov>; Mcauliffe, Elizabeth <Elizabeth.Mcauliffe@ct.gov>; Mccarthy, Dee-Ann <dmccarthy@usgs.gov>; McMann, Austin <Austin.McMann@ct.gov>; Morley, Dan D. <Daniel.Morley@ct.gov>; Morrison, Jon <jmorriso@usgs.gov>; Nguyen, Quat <Quat.Nguyen@ct.gov>; Pafford, Matthew <Matthew.Pafford@ct.gov>; Pedemonti, Cathy <Cathy.Pedemonti@ct.gov>; Perry, Jennifer <Jennifer.Perry@ct.gov>; Quansah, Isaac

From: Glowacki, Douglas
To: Lindquist, Eric; Aarrestad, Peter; Anderson, Stephen; Ayotte, Alyson; Baran, Robert; Belk, Nicole; Bellucci, Christopher; Bergeron, Brenda; Betkoski, John; Cohen, Jason; Crawley, Kathleen (DOA); Dumais, Kenneth; Dunham, Alan; Fitting, Corinne; Foreman, William; Furbush, Nancy; Grady, Kevin; Harkey, Steven; Heft, Martin; Hochholzer, Helene; Hoskins, Douglas; Hurlburt, Bryan; jmullane@usgs.gov; Kenny, Robert; King-Corbin, Linda; Lucchina, Gail; Mathieu, Lori; Mcauliffe, Elizabeth; Mccarthy, Dee-Ann; McMann, Austin; Morley, Dan D.; Morrison, Jon; Nguyen, Quat; Pafford, Matthew; Pedemonti, Cathy; Perry, Jennifer; Quansah, Isaac; Rao, Vandana (EEA); Reeves, Sylvia; Sargent, Timothy; Shea, Tiziana; Smith, Jaime; Smith, Laverne; Starn, Jeffrey; Stevens, Graham; Stewart, Rita; Szul, Maria; Tetreault, Ryan; Trowbridge, Philip; Westergard, Britt; Wingfield, Betsey; Wittchen, Bruce
Subject: Precipitation Forecast for the Next 14 Days
Date: Wednesday, May 5, 2021 2:52:53 PM
Attachments: image001.png

Good Afternoon,

The GFS model is indicating near normal rainfall (see map below) for our area for the next 14 days. Total rainfall is forecast by the GFS model to range between 1.5" – 2.0". Most of the rainfall will be the result of a ½ dozen fast moving low pressure systems moving across the country and thru New England during the next 14 days.



Sincerely,

Douglas W. Glowacki
Emergency Management Program Specialist
DESPP / DEMHS
1111 Country Club Road, Middletown CT
Cell: 860-250-2358

From: Lindquist, Eric <Eric.K.Lindquist@ct.gov>
Sent: Wednesday, May 05, 2021 10:32 AM
To: Aarrestad, Peter <Peter.Aarrestad@ct.gov>; Anderson, Stephen <Stephen.Anderson@ct.gov>; Ayotte, Alyson <Alyson.Ayotte@ct.gov>; Baran, Robert <Robert.Baran@ct.gov>; Belk, Nicole <nicole.belk@noaa.gov>; Bellucci, Christopher <Christopher.Bellucci@ct.gov>; Bergeron, Brenda <Brenda.Bergeron@ct.gov>; Betkoski, John <John.Betkoski@ct.gov>; Cohen, Jason <Jason.Cohen@ct.gov>; Crawley, Kathleen (DOA <Kathleen.Crawley@doa.ri.gov>; Dumais, Kenneth <Kenneth.Dumais@ct.gov>; Dunham, Alan <alan.dunham@noaa.gov>; Fitting, Corinne <Corinne.Fitting@ct.gov>; Foreman, William <William.Foreman@ct.gov>; Furbush, Nancy <Nancy.Furbush@noaa.gov>; Glowacki, Douglas <Douglas.Glowacki@ct.gov>; Grady, Kevin <Kevin.Grady@ct.gov>; Harkey, Steven <Steven.Harkey@ct.gov>; Heft, Martin <Martin.Heft@ct.gov>; Hochholzer, Helene <Helene.Hochholzer@ct.gov>; Hoskins, Douglas <Douglas.Hoskins@ct.gov>; Hurlburt, Bryan <Bryan.Hurlburt@ct.gov>; jmullane@usgs.gov; Kenny, Robert <Robert.Kenny@ct.gov>; King-Corbin, Linda <Linda.King-Corbin@ct.gov>; Lindquist, Eric <Eric.K.Lindquist@ct.gov>; Lucchina, Gail <Gail.Luccina@ct.gov>; Mathieu, Lori <Lori.Mathieu@ct.gov>; Mcauliffe, Elizabeth <Elizabeth.Mcauliffe@ct.gov>; Mccarthy, Dee-Ann <dmccarthy@usgs.gov>; McMann, Austin <Austin.McMann@ct.gov>; Morley, Dan D. <Daniel.Morley@ct.gov>; Morrison, Jon <jmorriso@usgs.gov>; Nguyen, Quat <Quat.Nguyen@ct.gov>; Pafford, Matthew <Matthew.Pafford@ct.gov>; Pedemonti, Cathy <Cathy.Pedemonti@ct.gov>; Perry, Jennifer <Jennifer.Perry@ct.gov>; Quansah, Isaac <Isaac.Quansah@ct.gov>; Rao, Vandana (EEA <vandana.rao@mass.gov>; Reeves, Sylvia <Sylvia.Reeves@ct.gov>; Sargent, Timothy <tcsargen@usgs.gov>; Shea, Tiziana <Tiziana.Shea@ct.gov>; Smith, Jaime <Jaime.Smith@ct.gov>; Smith, Laverne <Laverne.Smith@ct.gov>; Starn, Jeffrey <jjstarn@usgs.gov>; Stevens, Graham <Graham.Stevens@ct.gov>; Stewart, Rita <Rita.Stewart@ct.gov>; Szul, Maria <Maria.Szul@ct.gov>; Tetreault, Ryan <Ryan.Tetreault@ct.gov>; Trowbridge, Philip <Philip.Trowbridge@ct.gov>; Westergard, Britt <Britt.Westergard@noaa.gov>; Wingfield, Betsey <Betsey.Wingfield@ct.gov>; Wittchen, Bruce <Bruce.Wittchen@ct.gov>
Subject: CT Interagency Drought Workgroup -- 5/6/2021 Agenda

Good morning,

Attached is the agenda for tomorrow's meeting of the Interagency Drought Workgroup. —Eric