

Connecticut Precipitation
National Weather Service Offices
Boston/Norton MA, Albany NY, Upton NY
Preliminary Precipitation Data (inches) by County
Precipitation Data through February 2023
Includes CoCoRaHS data

CT 1-Month February 2023	Rainfall	Departure	Percent	Normal
Litchfield	1.59	-1.74	48	3.33
Hartford	1.47	-1.80	45	3.27
Tolland	1.53	-1.82	46	3.35
Windham	1.34	-1.95	41	3.29
Fairfield	1.01	-2.09	33	3.10
New Haven	1.11	-2.05	35	3.16
Middlesex	1.19	-2.15	36	3.34
New London	1.46	-1.95	43	3.41

CT 2-month Jan 23-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	7.43	0.54	108	6.89
Hartford	7.79	0.89	113	6.90
Tolland	7.84	0.66	109	7.18
Windham	7.86	0.83	112	7.03
Fairfield	6.57	-0.11	98	6.68
New Haven	7.52	0.81	112	6.71
Middlesex	8.24	1.15	116	7.09
New London	8.21	1.08	115	7.13

CT 3-month Dec 22-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	12.48	1.60	115	10.88
Hartford	12.36	1.52	114	10.84
Tolland	12.89	1.54	114	11.35
Windham	13.37	2.10	119	11.28
Fairfield	10.76	0.00	100	10.76
New Haven	12.46	1.85	117	10.61
Middlesex	13.78	2.37	121	11.41
New London	14.10	2.68	123	11.43

CT 4-month Nov 22-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	15.75	0.61	104	15.14
Hartford	15.53	0.23	101	15.30
Tolland	15.81	-0.04	100	15.85
Windham	16.38	0.67	104	15.72
Fairfield	13.35	-1.71	89	15.06
New Haven	15.41	0.65	104	14.76
Middlesex	16.71	0.96	106	15.75
New London	16.30	0.38	102	15.93

CT 5-month Oct 22-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	20.56	0.59	103	19.97
Hartford	19.89	-0.32	98	20.21
Tolland	20.75	0.15	101	20.61
Windham	20.87	0.64	103	20.23
Fairfield	17.99	-1.61	92	19.60
New Haven	19.93	0.52	103	19.41
Middlesex	21.79	0.67	103	21.12
New London	20.41	0.20	101	20.21

CT 6-month Sep 22-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	27.15	2.79	111	24.36
Hartford	25.95	1.40	106	24.55
Tolland	26.83	2.25	109	24.58
Windham	28.23	3.83	116	24.40
Fairfield	23.87	-0.17	99	24.04
New Haven	27.18	3.82	116	23.36
Middlesex	30.59	5.45	122	25.14
New London	27.50	2.82	111	24.68

CT 7-month Aug 22-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	29.16	0.41	101	28.75
Hartford	29.22	0.33	101	28.89
Tolland	31.09	2.54	109	28.55
Windham	32.31	3.75	113	28.56
Fairfield	25.20	-3.29	88	28.49
New Haven	30.56	3.25	112	27.31
Middlesex	34.61	5.45	119	29.16
New London	30.75	1.60	105	29.16

CT 12-month Mar 22-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	48.13	-2.57	95	50.70
Hartford	46.12	-4.80	91	50.92
Tolland	47.52	-2.59	95	50.11
Windham	46.45	-3.77	92	50.23
Fairfield	43.13	-7.25	86	50.38
New Haven	47.03	-1.67	97	48.70
Middlesex	49.65	-1.84	96	51.49
New London	44.33	-5.80	88	50.13

CT 24-month Mar 21-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	105.62	4.20	104	101.42
Hartford	104.08	2.32	102	101.76
Tolland	110.08	9.92	110	100.17
Windham	105.94	5.54	106	100.40
Fairfield	94.50	-6.09	94	100.59
New Haven	99.96	2.57	103	97.39
Middlesex	104.98	2.33	102	102.65
New London	96.58	-3.44	97	100.02

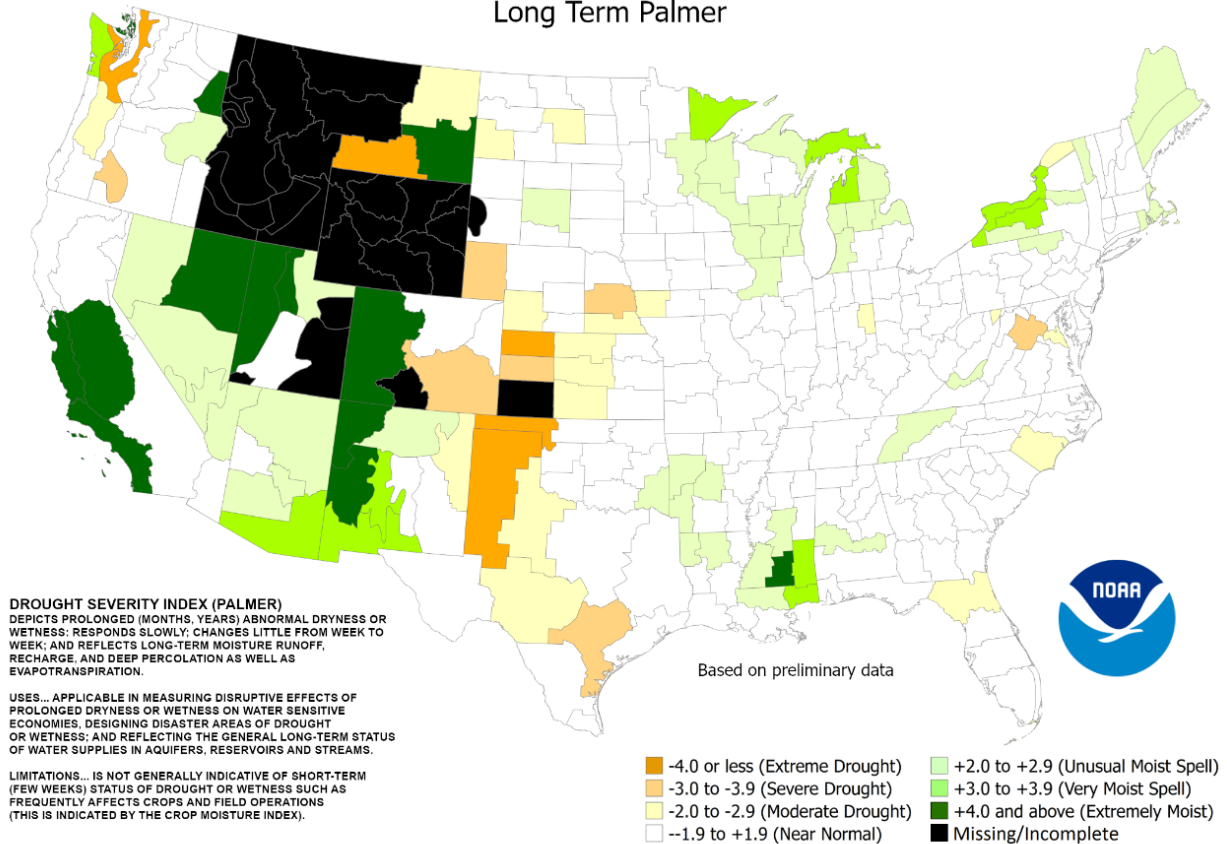
CT 36-month Mar 20-Feb 23	Rainfall	Departure	Percent	Normal
Litchfield	151.71	-0.43	100	152.14
Hartford	147.82	-4.79	97	152.61
Tolland	155.76	5.53	104	150.23
Windham	153.23	2.66	102	150.57
Fairfield	141.33	-9.47	94	150.80
New Haven	147.57	1.50	101	146.08
Middlesex	153.48	-0.33	100	153.81
New London	141.88	-8.03	95	149.92

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.

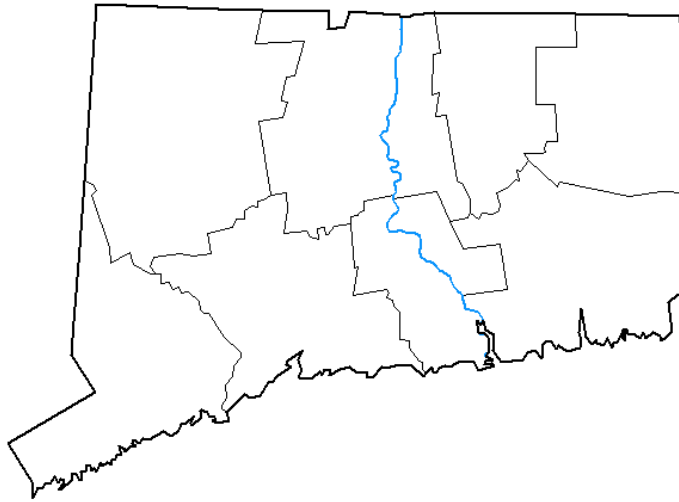
Drought Severity Index by Division
Weekly Value for Period Ending Feb 25, 2023
Long Term Palmer



Map 1. Palmer Drought Index Map for the Week Ending February 25th, 2023. From the Climate Prediction Center. Values for individual climate regions follow: Northwest +1.32, Central +1.05 and Coastal +0.12.

U.S. Drought Monitor Connecticut

February 28, 2023
(Released Thursday, Mar. 2, 2023)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week <i>02-21-2023</i>	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago <i>11-29-2022</i>	53.47	46.53	2.21	0.00	0.00	0.00
Start of Calendar Year <i>01-03-2023</i>	53.82	46.18	0.00	0.00	0.00	0.00
Start of Water Year <i>09-27-2022</i>	0.00	100.00	70.06	28.07	0.00	0.00
One Year Ago <i>03-01-2022</i>	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>

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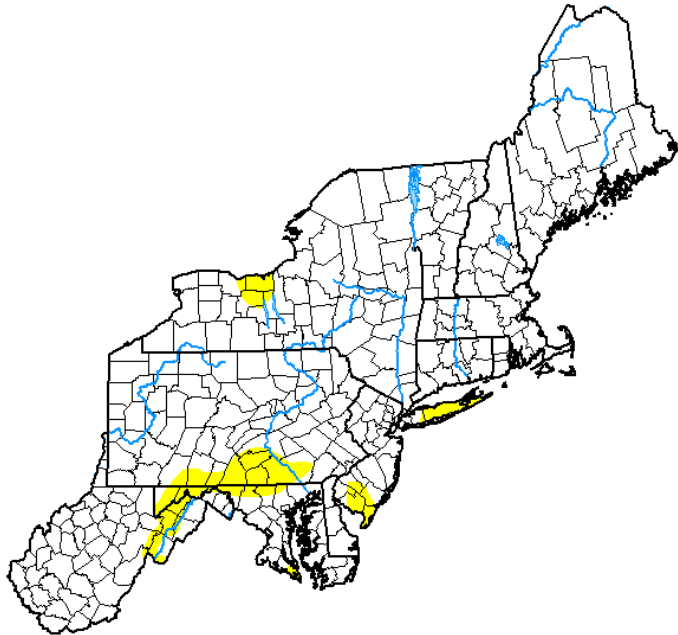


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Map 2. U.S. Drought Monitor zoom-in on CT, effective 2/28/2023.

U.S. Drought Monitor Northeast

February 28, 2023
(Released Thursday, Mar. 2, 2023)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.27	5.73	0.00	0.00	0.00	0.00
Last Week <i>02-21-2023</i>	96.42	3.58	0.00	0.00	0.00	0.00
3 Months Ago <i>11-29-2022</i>	89.43	10.57	2.06	0.13	0.00	0.00
Start of Calendar Year <i>01-03-2023</i>	90.64	9.36	0.21	0.00	0.00	0.00
Start of Water Year <i>09-27-2022</i>	69.23	30.77	12.95	3.83	0.14	0.00
One Year Ago <i>03-01-2022</i>	82.27	17.73	2.04	0.85	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>

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Map 3. U.S. Drought Monitor for Northeast US, effective 2/28/2023.