

July Conditions & Northeast DEWS Discussion

By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



July 1-4 Temperatures

Station	July Date	Max Temp (°F)	Rank for July (hottest)	Rank for All Months (hottest)
Allentown, PA	2	101	7	7
Atlantic City, NJ	2	103	6	7
Atlantic City, NJ	3	105	2	3
Atlantic City, NJ	4	106	1	1
Boston, MA	2	101	6	9
Bridgeport, CT	2	98	7	10
Bridgeport, CT	3	98	7	10
Harrisburg, PA	2	102	10	
Harrisburg, PA	3	103	5	7
Hartford, CT	2	100	8	
Islip, NY	3	98	9	
Kennedy Airport, NY	2	103	3	3
LaGuardia Airport, NY	2	104	2	2
LaGuardia Airport, NY	3	101	6	10
Newark, NJ	2	105	2	2
Philadelphia, PA	2	103	3	4
Portland, ME	2	96	8	
Washington National, DC	4	103	9	
Wilmington, DE	2	103	1	3
Wilmington, DE	3	102	5	8
Wilmington, DE	4	102	5	8

Station	July Date	Min Temp (°F)	Rank for July (hottest)	Rank for All Months (hottest)
Atlantic City, NJ	3	80	5	8
Binghamton, NY	2	72	5	9
Boston, MA	3	82	2	3
Bridgeport, CT	3	78	4	5
Burlington, VT	3	76	8	
Caribou, ME	2	71	1	1
Central Park, NY	2	82	7	9
Concord, NH	3	74	8	9
Dulles Airport, VA	3	78	1 ✖	2
Erie, PA	1	79	7	
Erie, PA	2	79	7	
Harrisburg, PA	3	81	1	2
Hartford, CT	3	77	3	5
LaGuardia Airport, NY	2	84	5	6
Newark, NJ	2	82	5	6
Philadelphia, PA	3	82	3	3
Portland, ME	2	73	5	9
Portland, ME	3	72	10	
Providence, RI	3	80	1	1
Washington National, DC	3	84	1	1

Several other notable records were set/tied including:

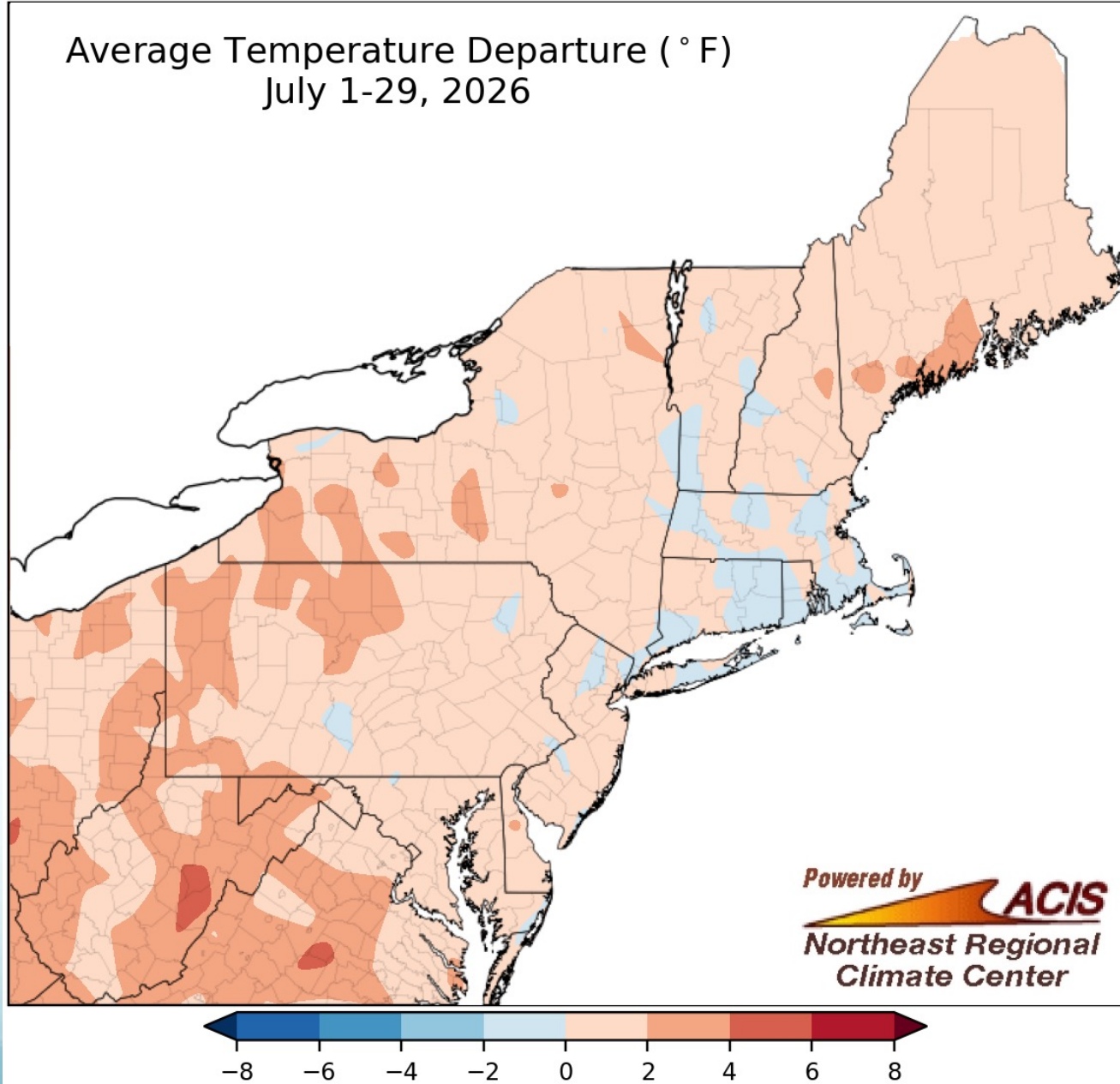
- Longest streak of days with a high of 100°F or higher
- Record number of days with a high of 100°F or higher for all months
- First time with a low of 80°F or higher in July



*Record hot low temperature at Dulles Airport, VA, was beat later in the month

July Temperatures

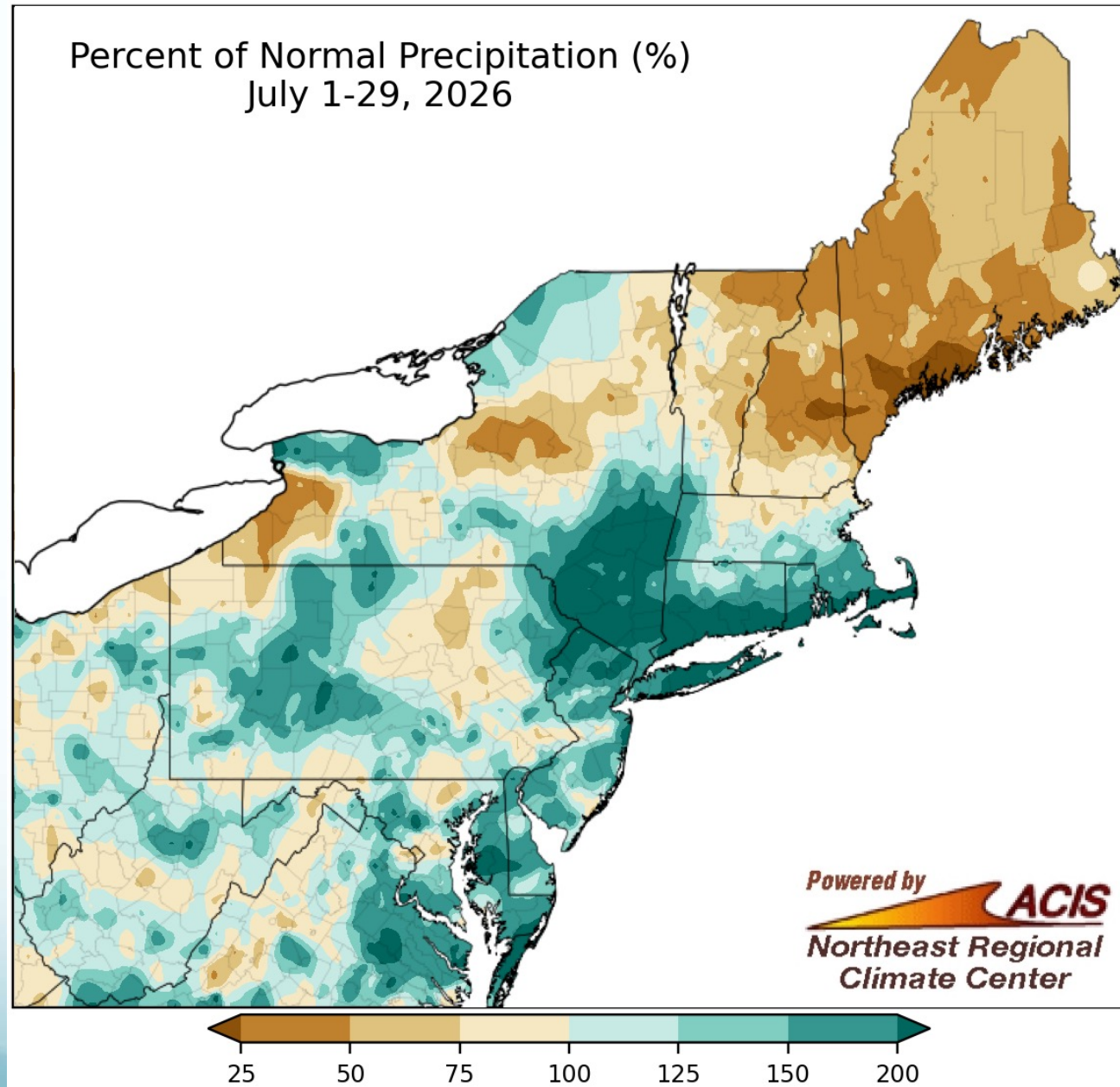
Average Temperature Departure (°F)
July 1-29, 2026



From 2°F below normal to 6°F above normal



July Precipitation



From less than 25% of normal to over 200% of normal

July Precipitation

Maximum 1-Day Total Precipitation for Worcester Area, MA (ThreadEx)

Click column heading to sort ascending, click again to sort descending.

Rank	Value	Ending Date
1	4.56	2026-07-29
2	3.87	1985-07-31
3	3.26	1996-07-13
4	2.90	1934-07-28
5	2.84	1938-07-12
6	2.74	2023-07-10
7	2.71	1979-07-16
8	2.70	2012-07-28
9	2.67	2018-07-17
10	2.63	1900-07-26
Period of record: 1892-02-01 to 2026-07-29		

Maximum 1-Day Total Precipitation for Albany Area, NY (ThreadEx)

Click column heading to sort ascending, click again to sort descending.

Rank	Value	Ending Date
1	5.45	2026-07-29
2	3.49	1996-07-13
3	3.23	2000-07-15
4	3.11	1897-07-14
5	2.82	1915-07-08
6	2.76	2009-07-01
7	2.70	1960-07-30
8	2.55	2016-07-31
9	2.49	2008-07-23
10	2.42	2009-07-31
Period of record: 1874-01-01 to 2026-07-29		

Maximum 1-Month Total Precipitation for Bridgeport Area, CT (ThreadEx)

Click column heading to sort ascending, click again to sort descending.

Rank	Value	Ending Date	Missing Days
1	17.70	1972-06-30	0
2	13.29	1952-08-31	0
3	12.84	1971-07-31	0
4	12.08	2005-10-31	0
5	11.93	2026-07-31	2
6	11.53	1982-06-30	0
7	11.20	1979-01-31	0
8	10.72	1955-10-31	0
-	10.72	1983-04-30	0
10	10.38	2024-03-31	0
Period of record: 1948-07-01 to 2026-07-29			

Maximum 1-Month Total Precipitation for Albany Area, NY (ThreadEx)

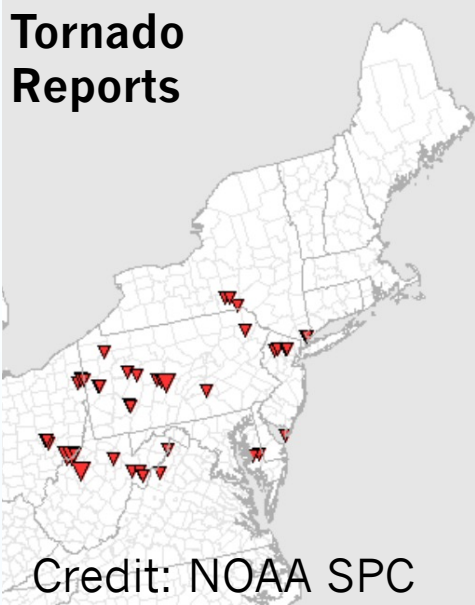
Click column heading to sort ascending, click again to sort descending.

Rank	Value	Ending Date	Missing Days
1	11.06	1999-09-30	0
2	10.70	2023-07-31	0
3	10.41	2011-08-31	0
4	9.91	2009-07-31	0
5	9.57	2026-07-31	2
6	9.00	2005-10-31	0
7	8.96	2021-07-31	0
-	8.96	1953-05-31	0
9	8.91	1890-09-30	0
10	8.83	1955-10-31	0
Period of record: 1874-01-01 to 2026-07-29			

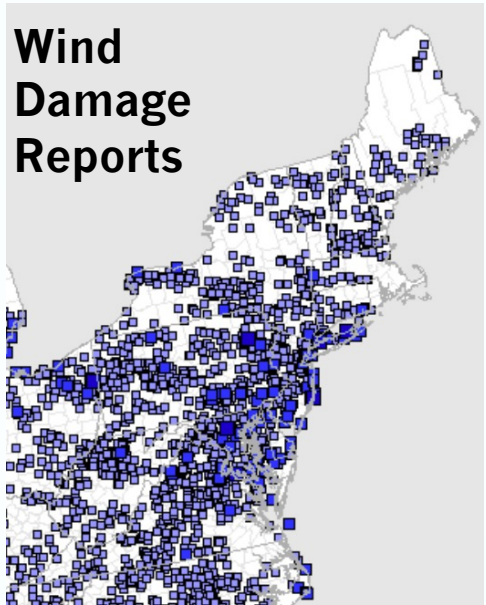


Severe Weather

Tornado Reports



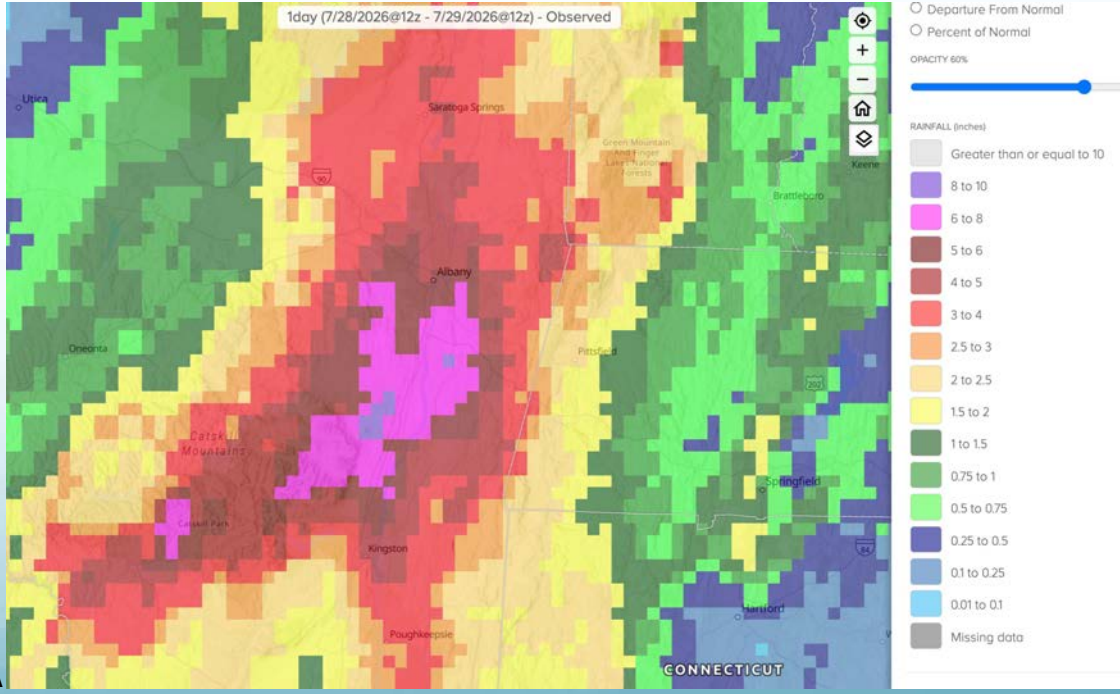
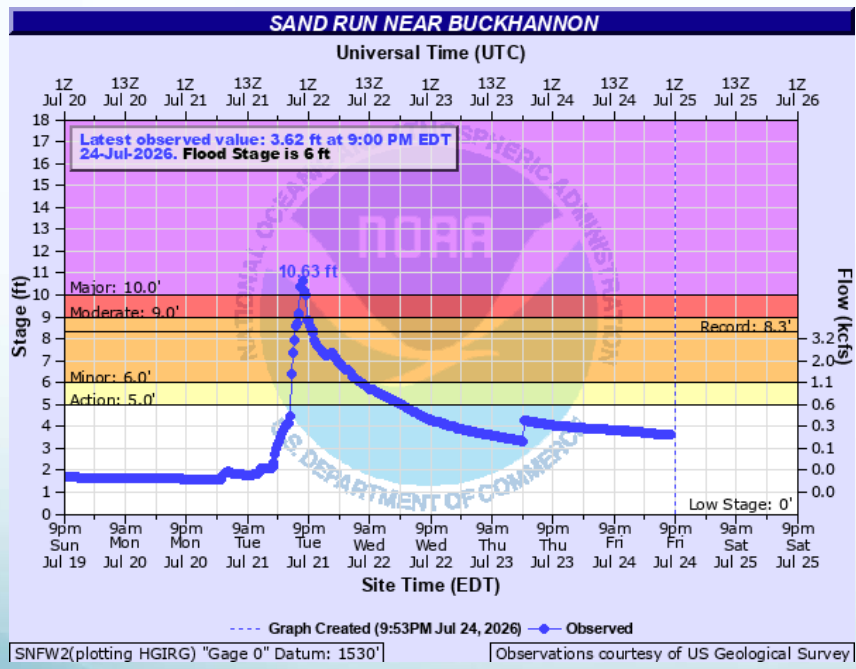
Wind Damage Reports



Credit: NOAA SPC

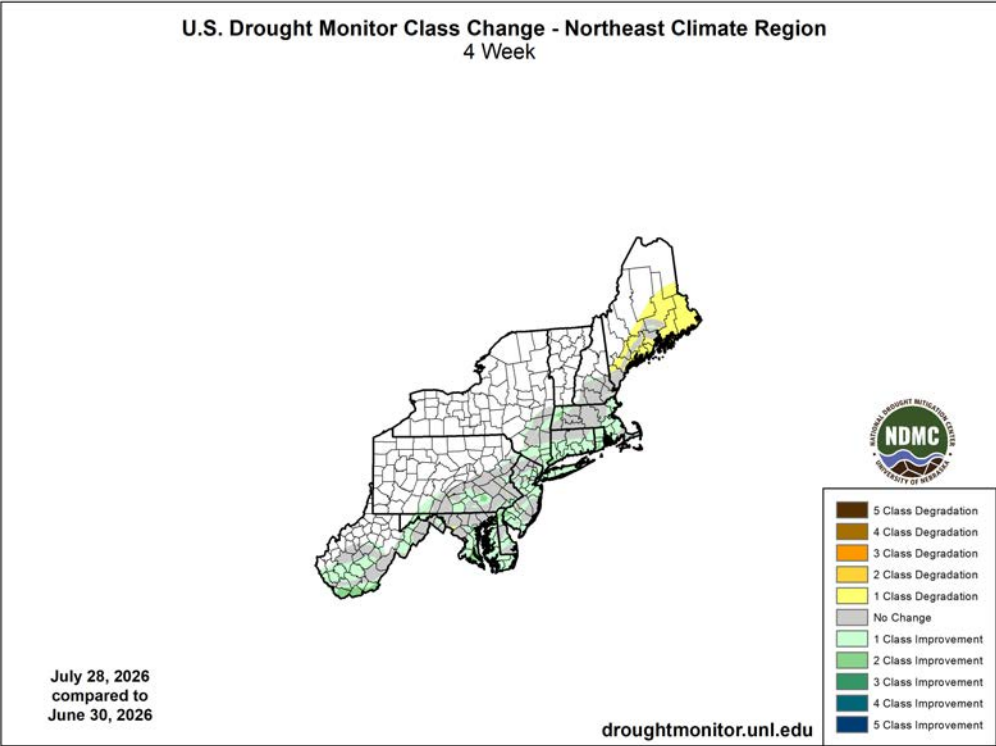


Credit: NWS Charleston

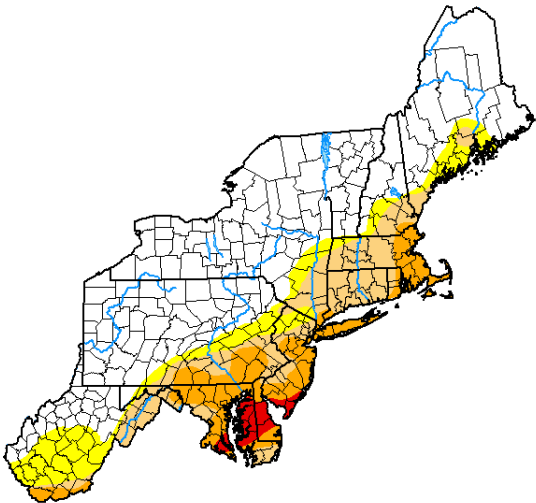


Credit: NOAA

Drought Monitor



U.S. Drought Monitor Northeast



June 30, 2026
(Released Thursday, Jul. 2, 2026)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	61.86	11.46	13.98	10.76	1.93	0.00
Last Week 06-23-2026	57.85	10.92	17.51	11.60	2.12	0.00
3 Months Ago 03-31-2026	42.27	24.85	21.79	10.89	0.20	0.00
Start of Calendar Year 01-06-2026	24.63	28.38	28.46	18.33	0.20	0.00
Start of Water Year 09-30-2025	7.86	42.89	23.79	18.78	6.67	0.00
One Year Ago 07-01-2025	96.04	3.16	0.79	0.00	0.00	0.00

Intensity:

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

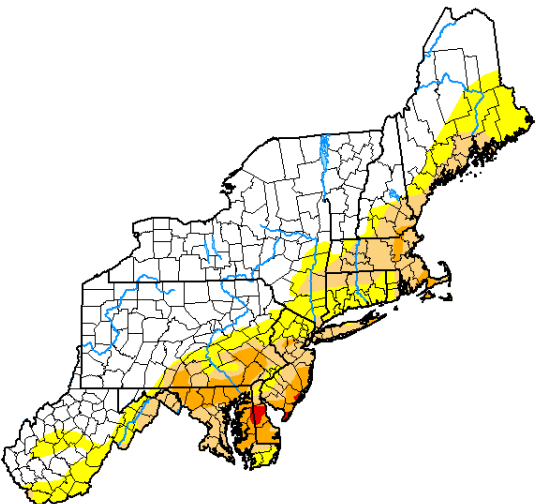
The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. For more information on the
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Brad Rippey
U.S. Department of Agriculture



droughtmonitor.unl.edu

U.S. Drought Monitor Northeast



July 28, 2026
(Released Thursday, Jul. 30, 2026)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	60.83	18.38	14.72	5.71	0.36	0.00
Last Week 07-21-2026	64.33	14.46	12.82	7.30	1.09	0.00
3 Months Ago 04-28-2026	39.28	18.56	24.59	17.57	0.00	0.00
Start of Calendar Year 01-06-2026	24.63	28.38	28.46	18.33	0.20	0.00
Start of Water Year 09-30-2025	7.86	42.89	23.79	18.78	6.67	0.00
One Year Ago 07-29-2025	95.73	4.07	0.20	0.00	0.00	0.00

Intensity:

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

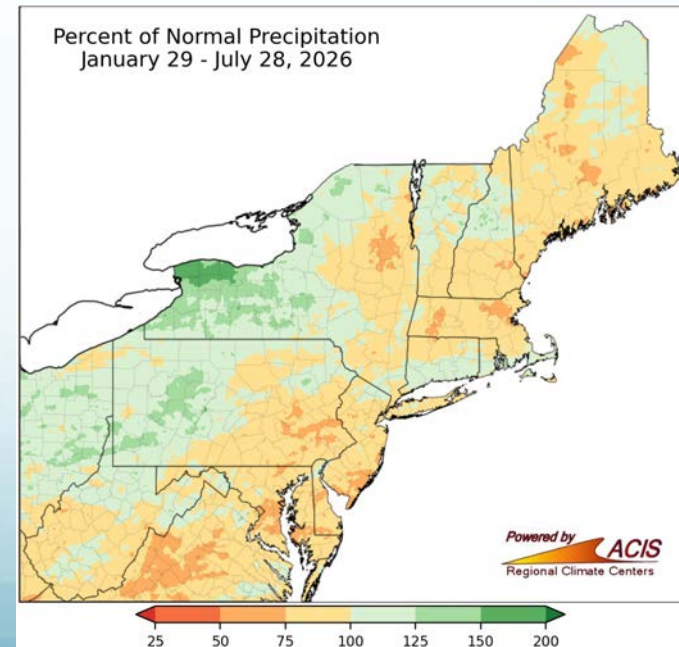
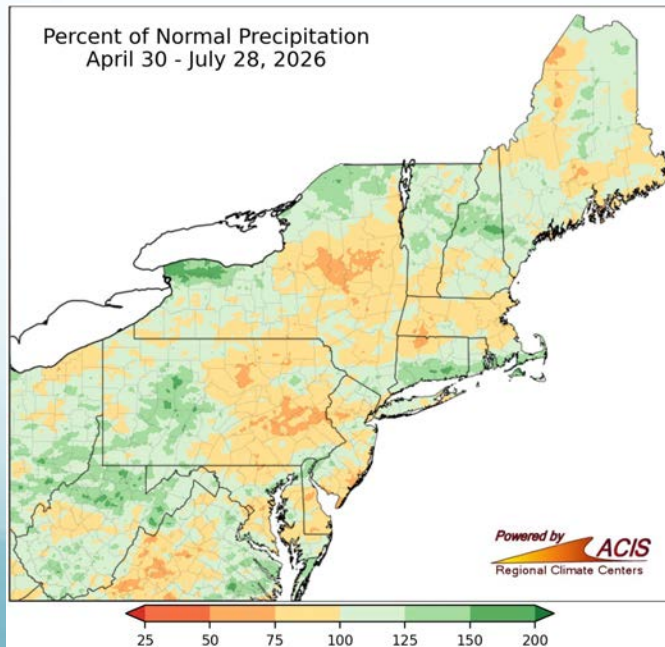
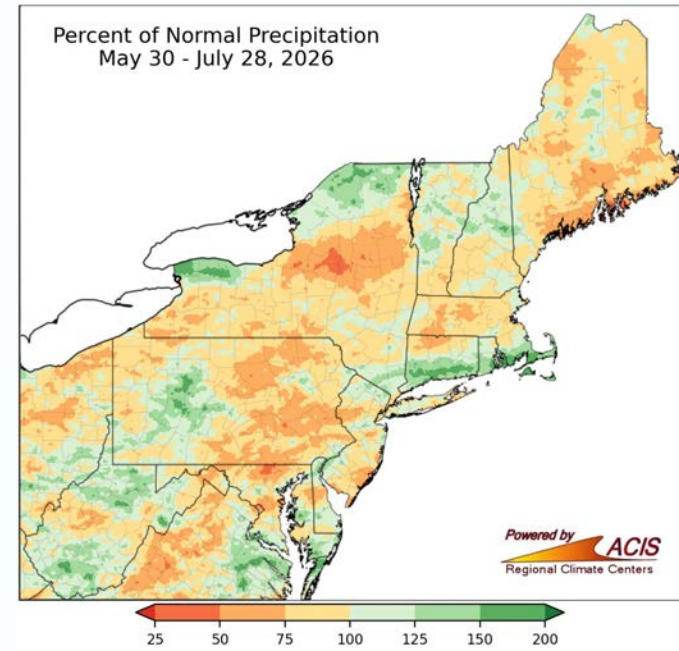
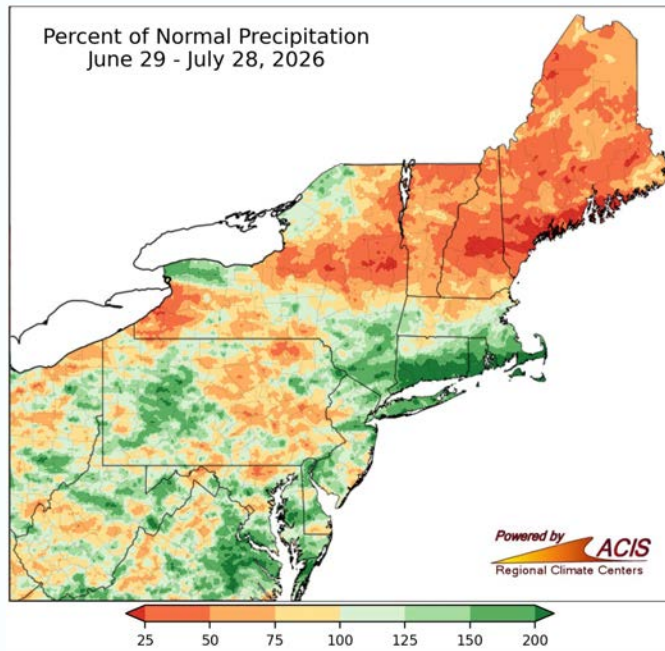
The Drought Monitor focuses on broad-scale conditions.
Local conditions may vary. For more information on the
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
David Simeral
DRI/WRCC

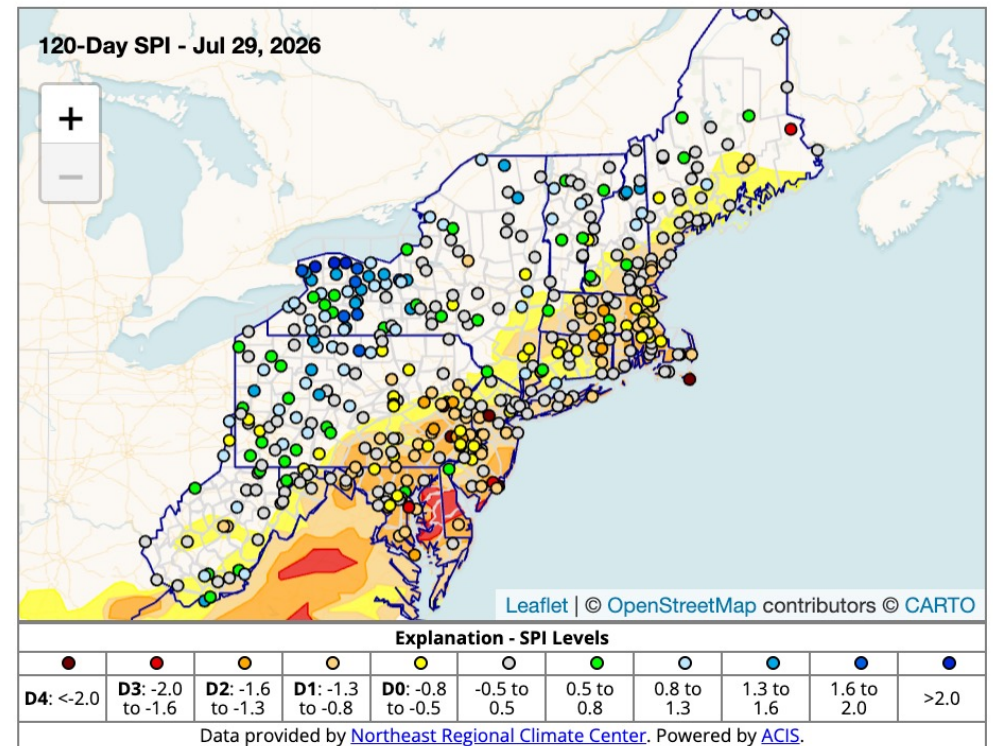
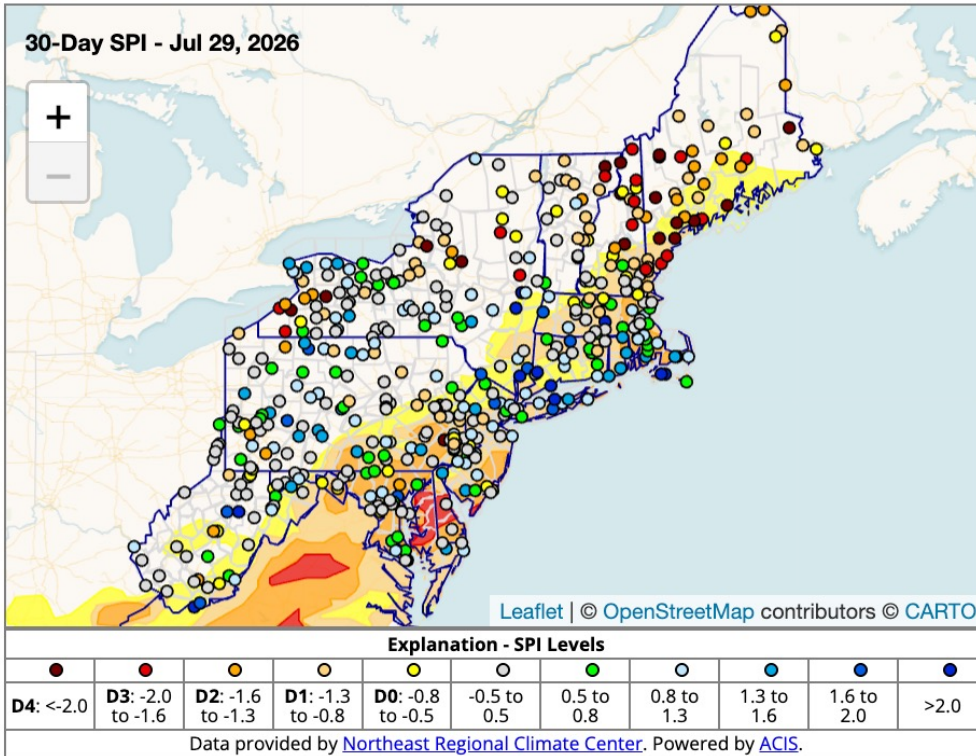


droughtmonitor.unl.edu

Precipitation



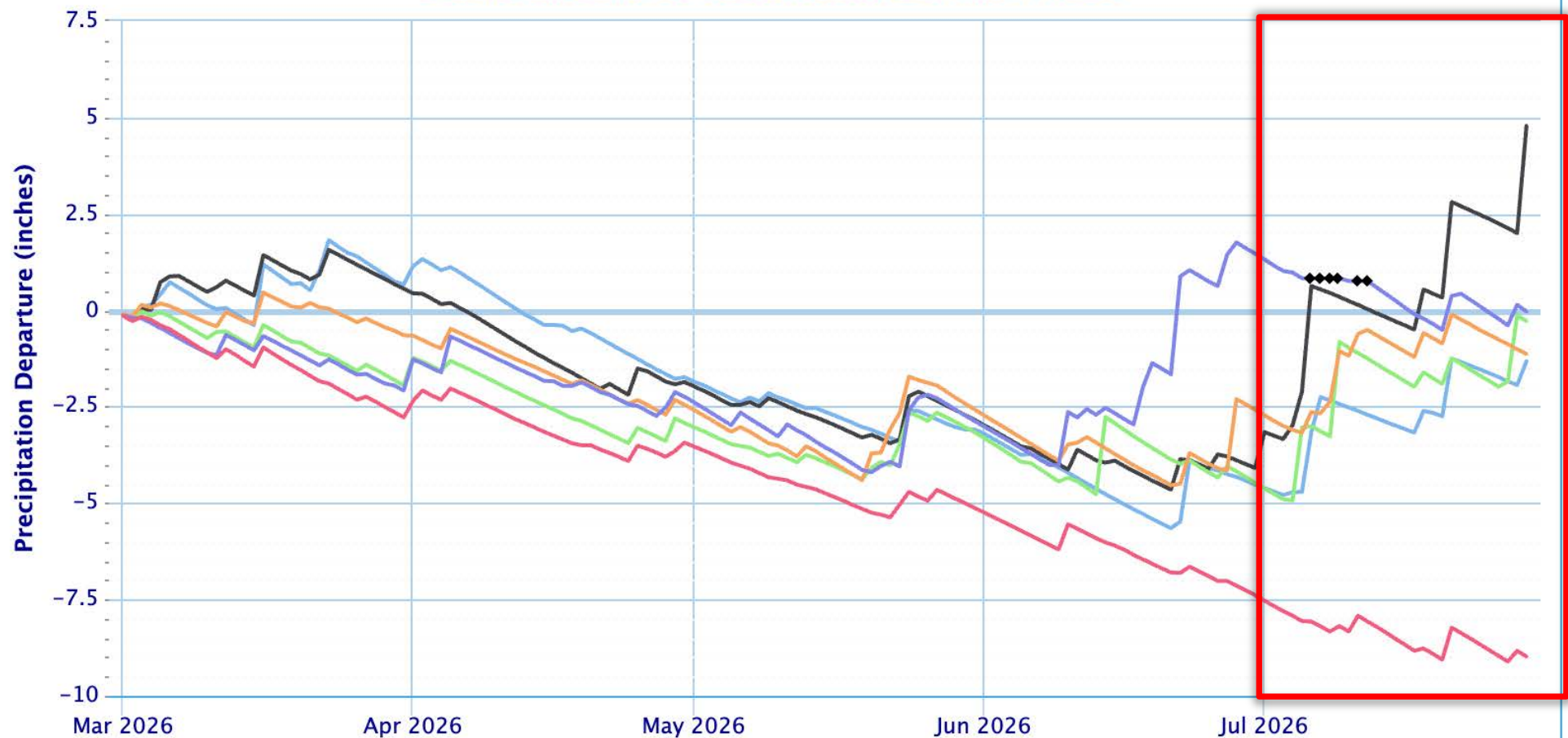
Standardized Precipitation Index



Precipitation

Accumulated Precipitation Departure from Normal

Green/black diamonds represent subsequent/missing values



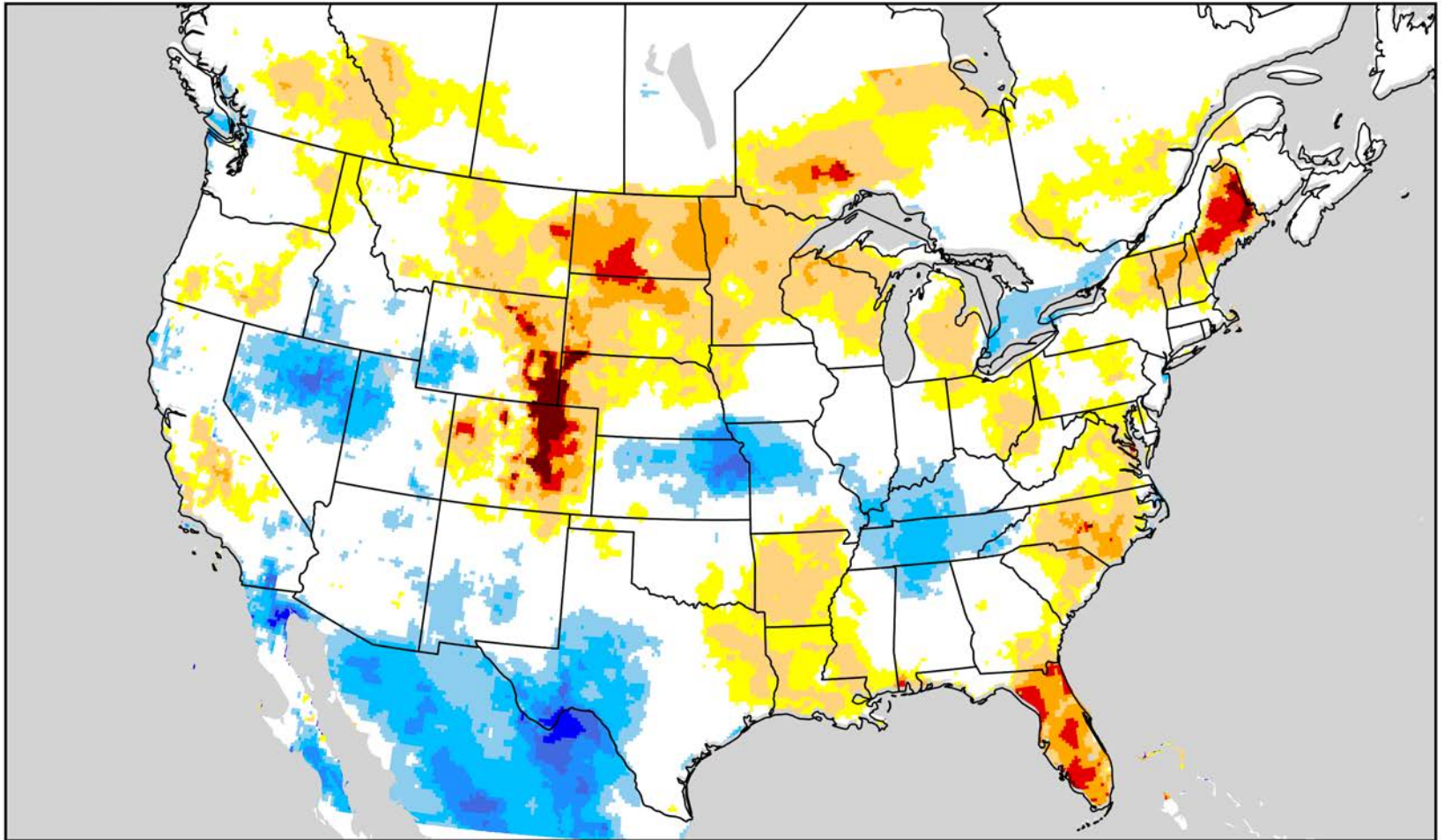
(Click to hide/show lines)

- Providence Area, RI (ThreadEx):Precip Dprt
- Wilmington Area, DE (ThreadEx):Precip Dprt
- Beckley Area, WV (ThreadEx):Precip Dprt
- Bridgeport Area, CT (ThreadEx):Precip Dprt
- Sterling-Dulles Airport Area, VA (ThreadEx):Precip Dprt
- Atlantic City Area, NJ (ThreadEx):Precip Dprt



Evap. Demand Drought Index

3-week EDDI categories for July 25, 2026



Drought categories

Wetness categories



100% 98% 95% 90% 80% 70% 30% 20% 10% 5% 2% 0%

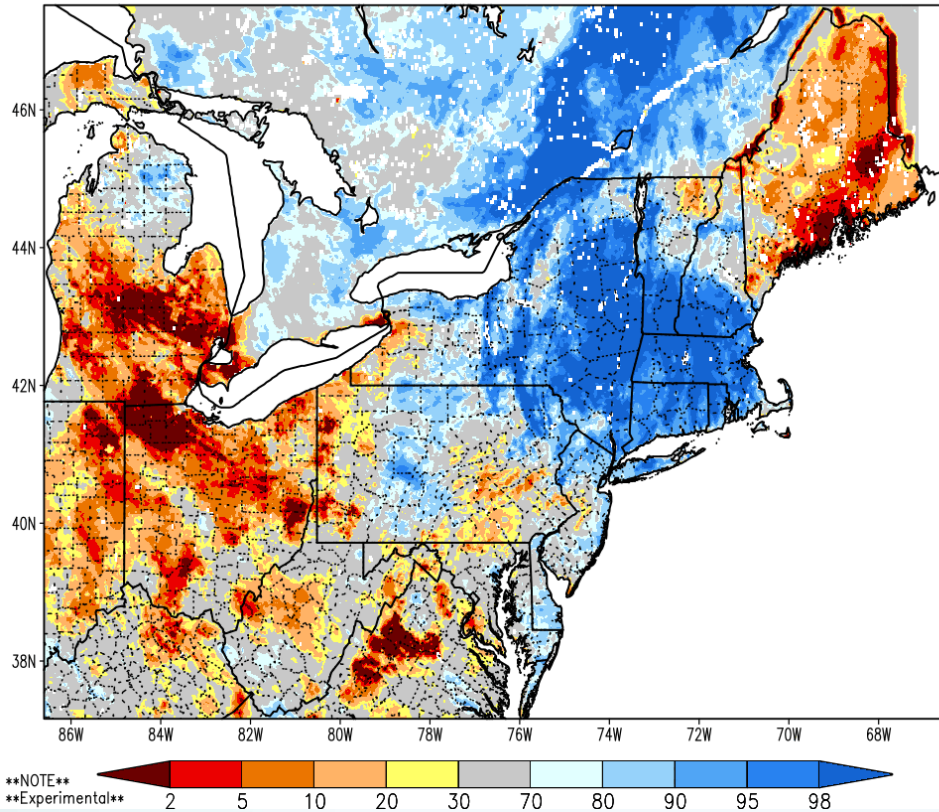
(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated at NOAA/NWS/NCEP/Climate Prediction Center

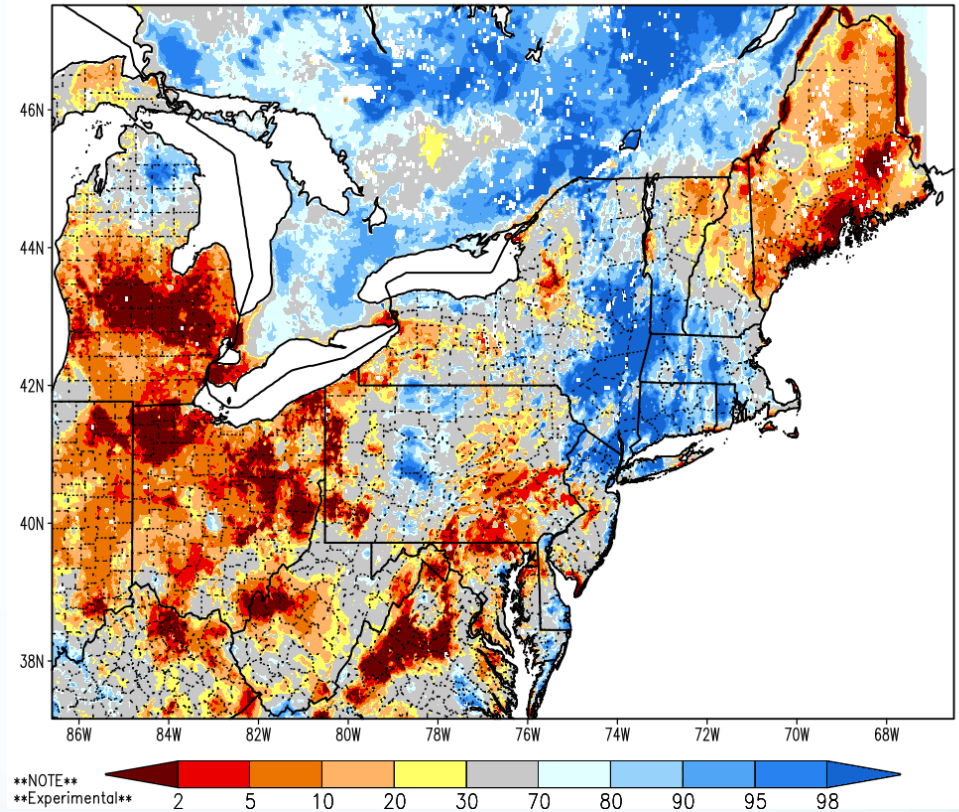


Soil Moisture

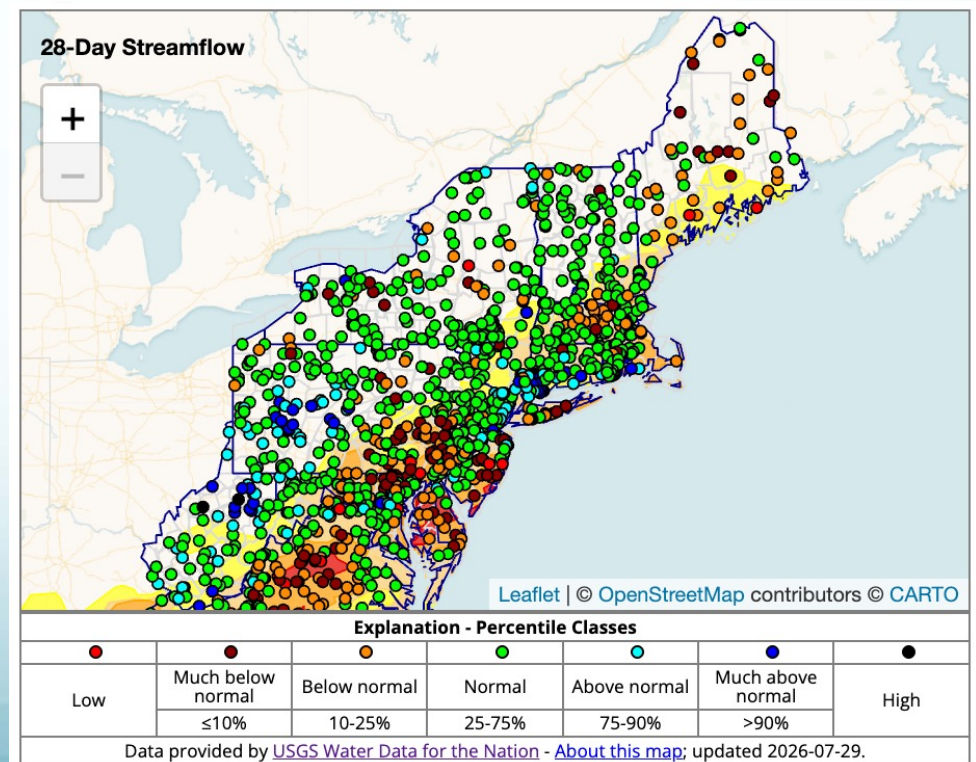
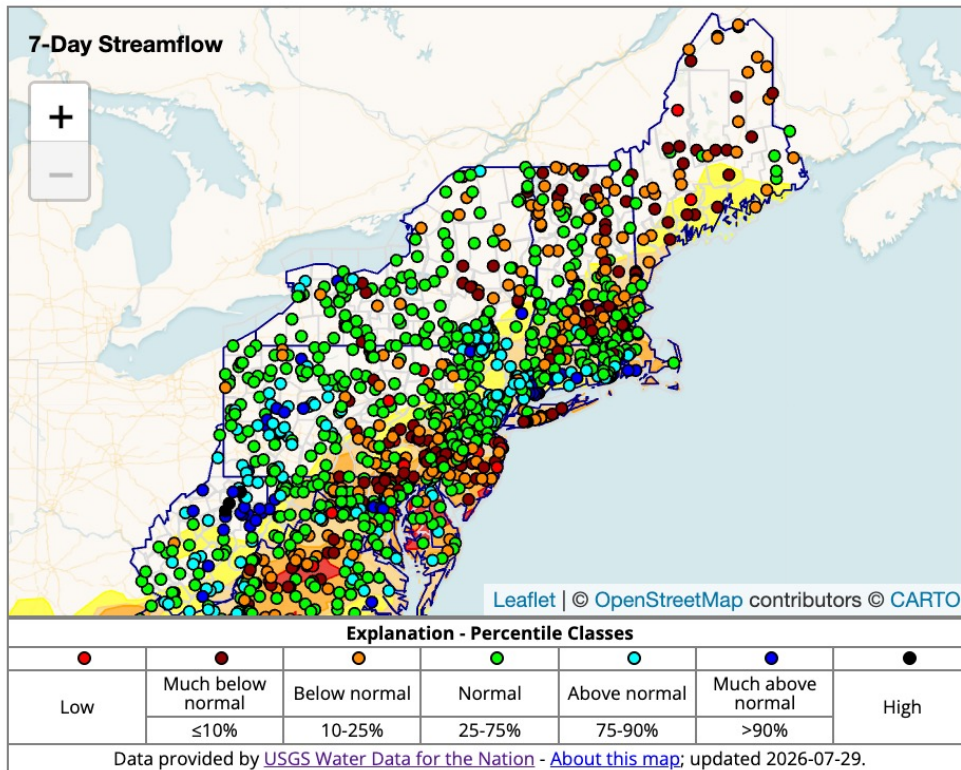
SPoRT-LIS 0-10 cm Soil Moisture percentile valid 30 Jul 2026



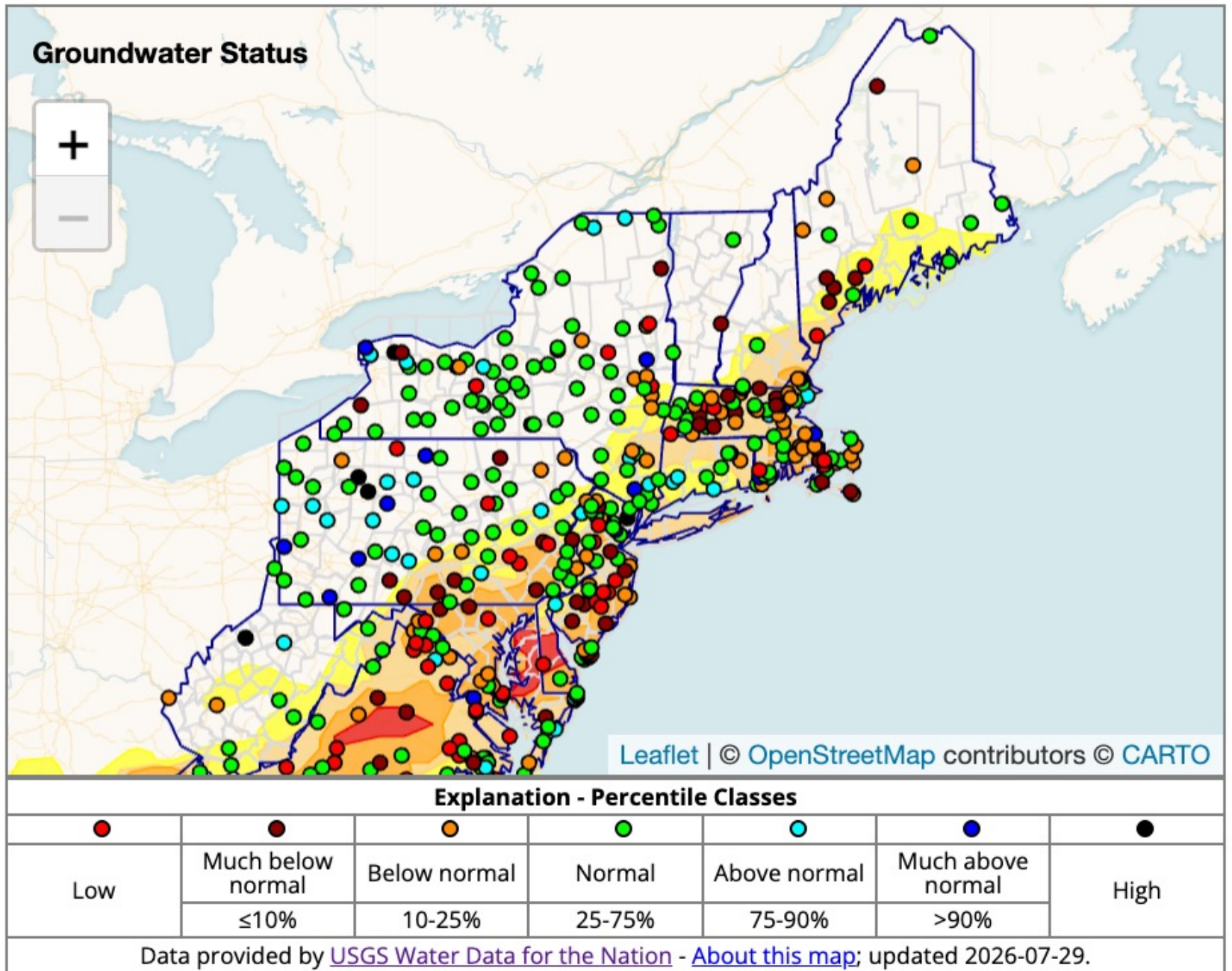
SPoRT-LIS 0-100 cm Soil Moisture percentile valid 30 Jul 2026



Streamflow

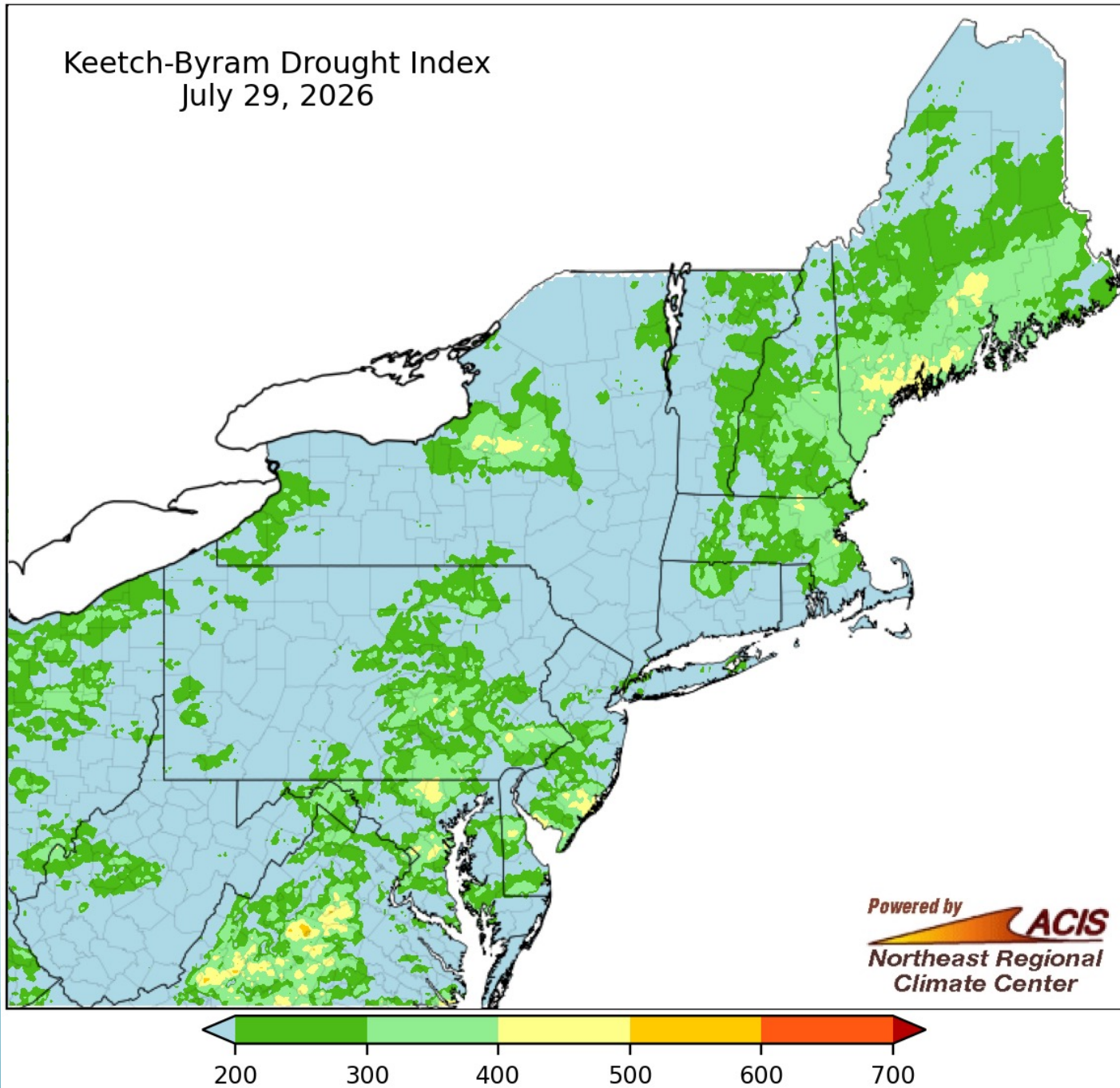


Groundwater

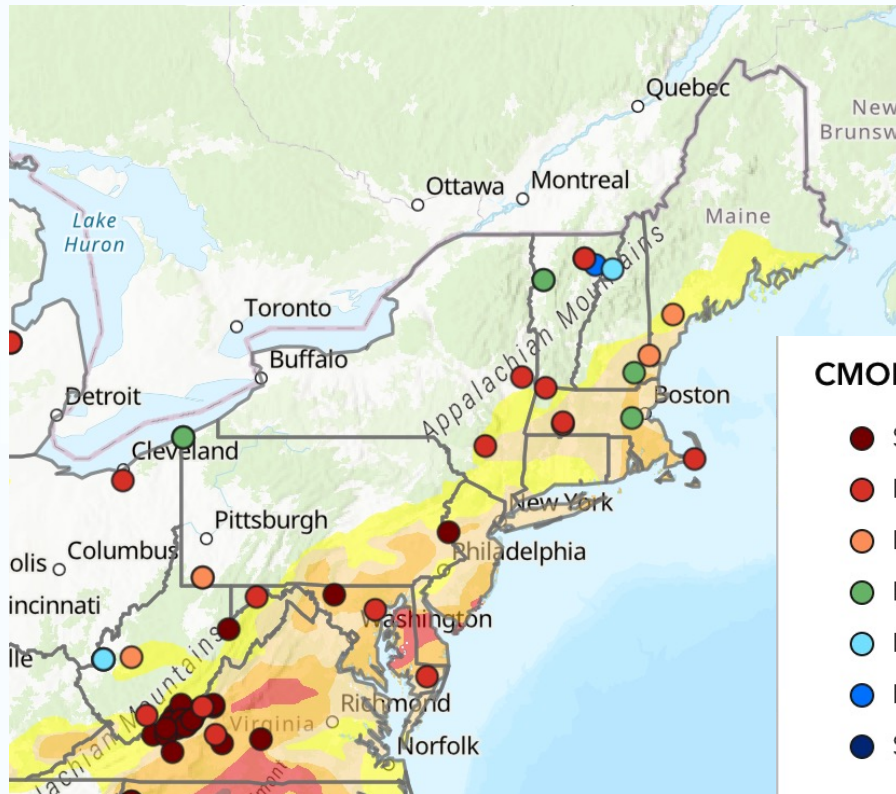


Wildfire Risk

Keetch-Byram Drought Index
July 29, 2026



Drought Impacts



CMOR Reports year to date

- Severely Dry
- Moderately Dry
- Mildly Dry
- Near Normal
- Mildly Wet
- Moderately Wet
- Severely Wet

<https://droughtimpacts.unl.edu/Tools/ConditionMonitoringObservations.aspx>

Hay crop is poor. Yield is off for first round of cutting by ~50%. Pasture for cattle grazing is slow growing, requiring hay supplement. Springs that feed cattle troughs are down compared to normal. Slow garden growth and necessary replanting multiple times. Evidence of wildlife disturbing areas near home more than usual.

CMOR

New Bedford bans nonessential outdoor water use

by SCOTT ALLEN, NBC 10 NEWS
Thu, July 16, 2026 at 12:04 PM

MA

MONADNOCK
Ledger-Transcript

Subscribe

TOWN-CITY-GOVERNMENT

Peterborough issues mandatory outdoor watering restrictions during drought

July 16, 2026

<https://ledgertranscript.com/>

NH

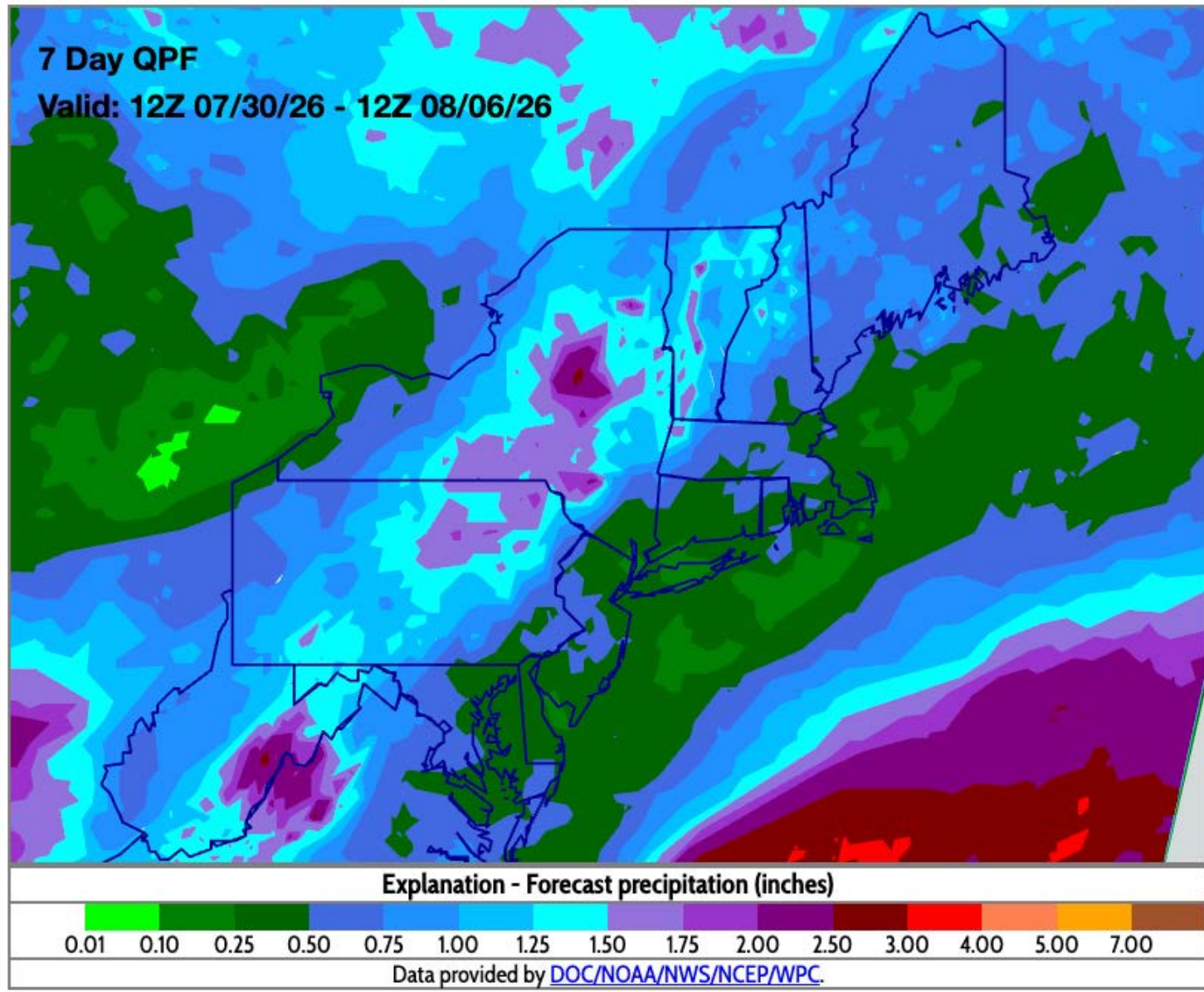
Central Pa. towns issue burn bans — which apply to fireworks, too

PennLive
Patriot-News

Updated: Jul. 02, 2026, 5:12 p.m. | Published: Jul. 02, 2026, 4:50 p.m.

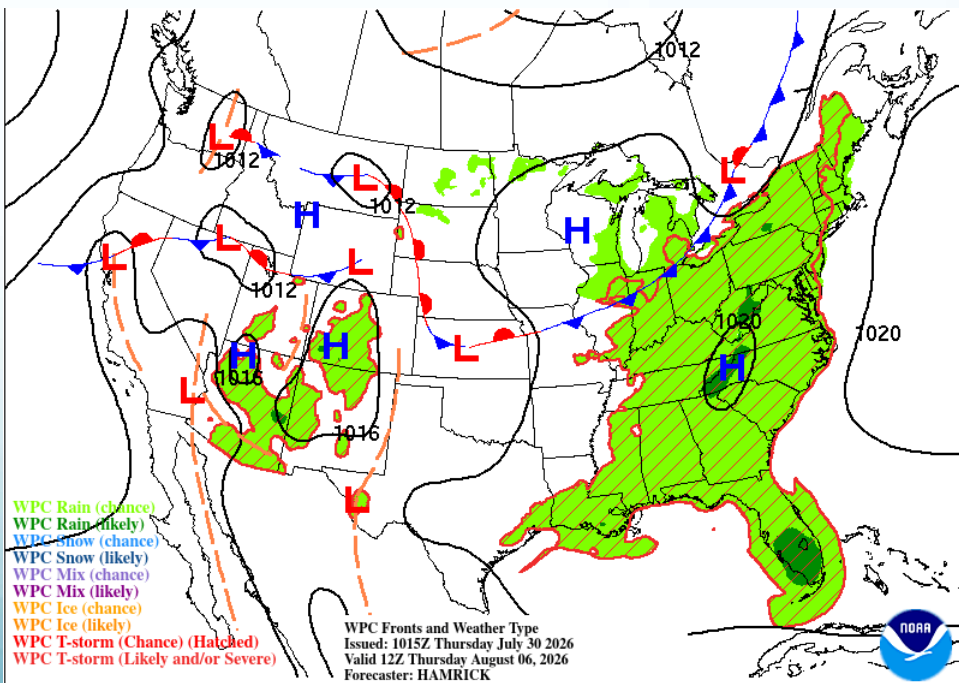
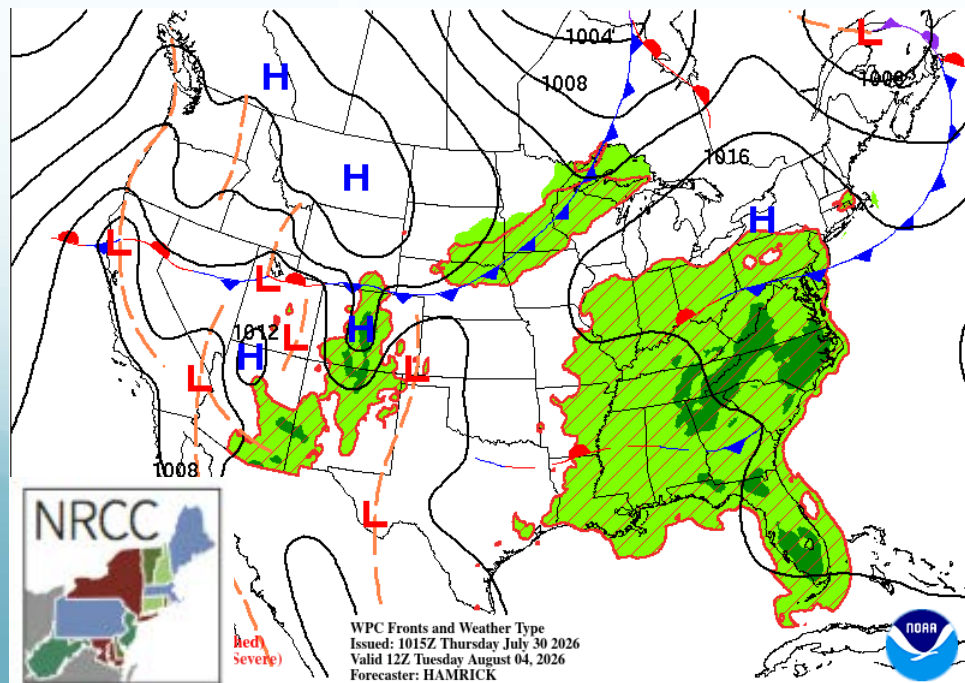
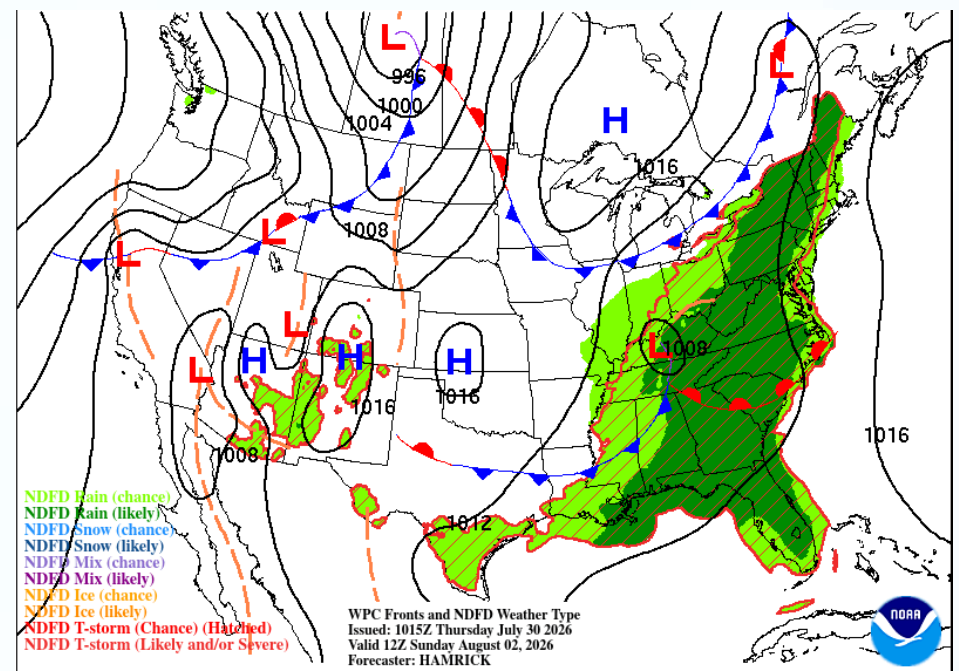
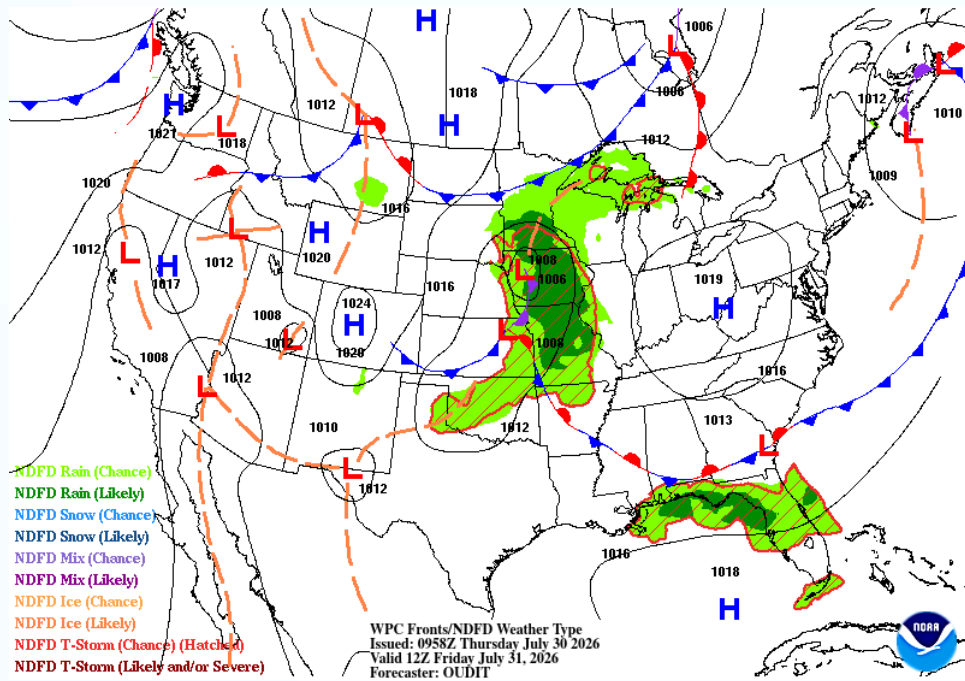


Precipitation Forecast

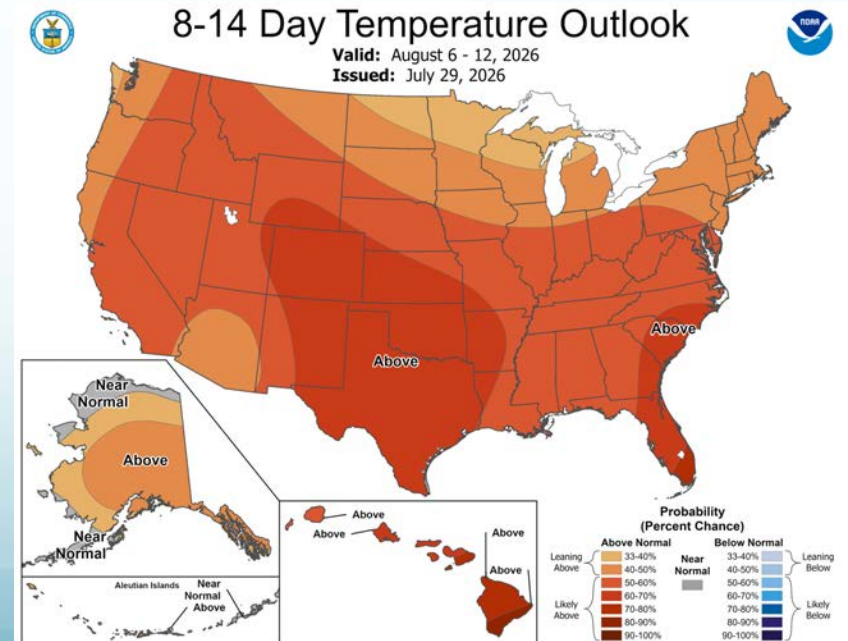
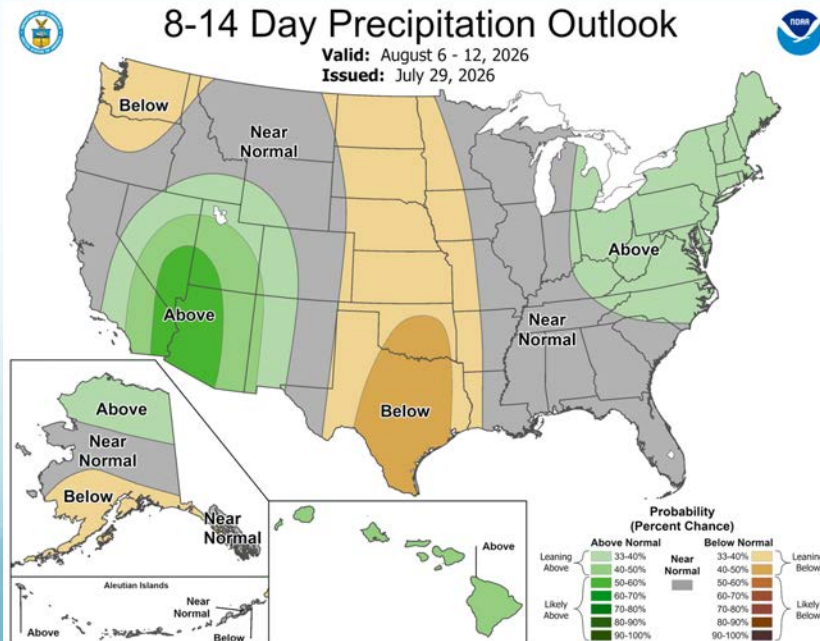
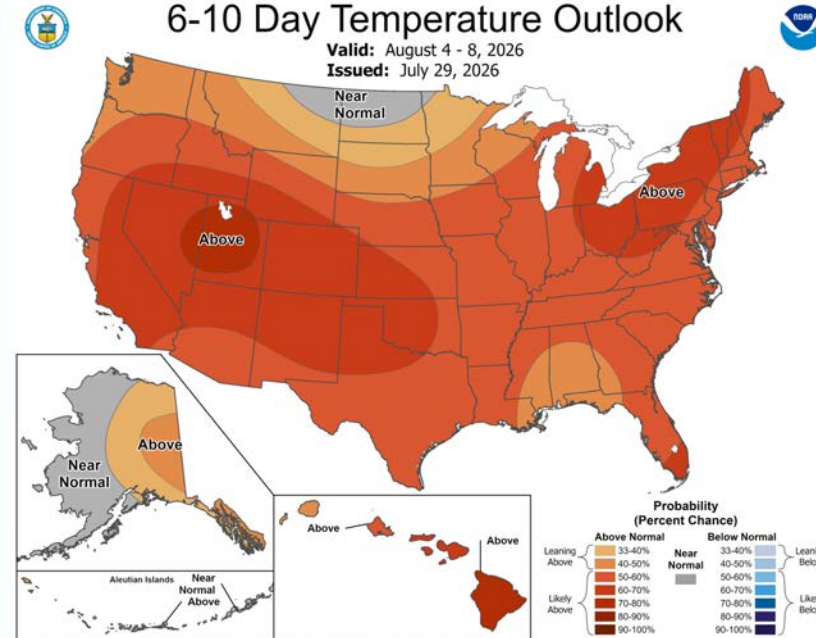
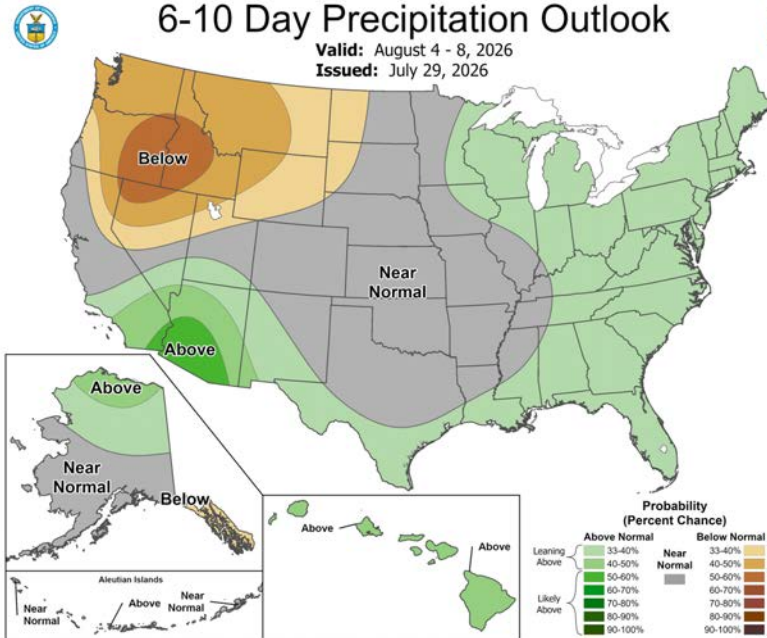


“Normal” precipitation for this period is about 0.75” to 1.10” for most

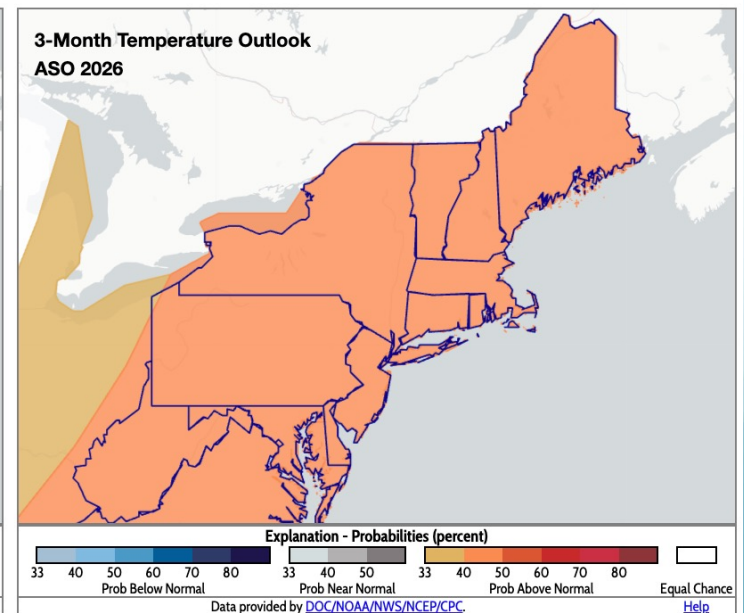
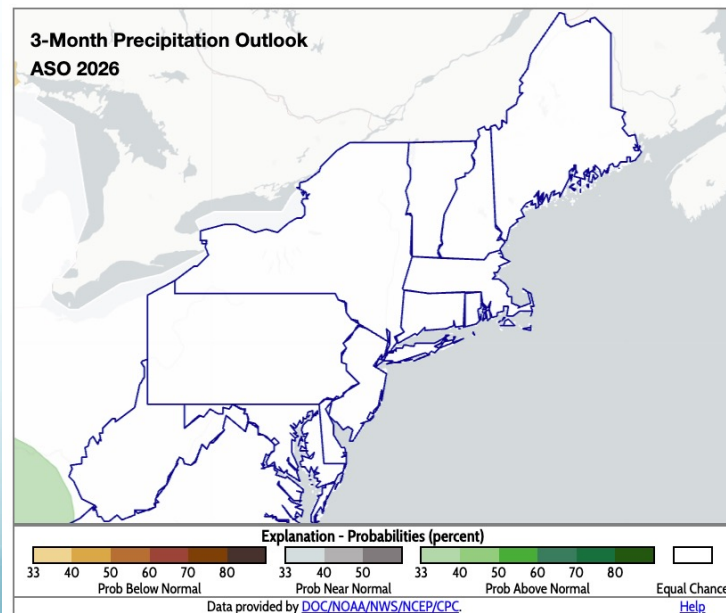
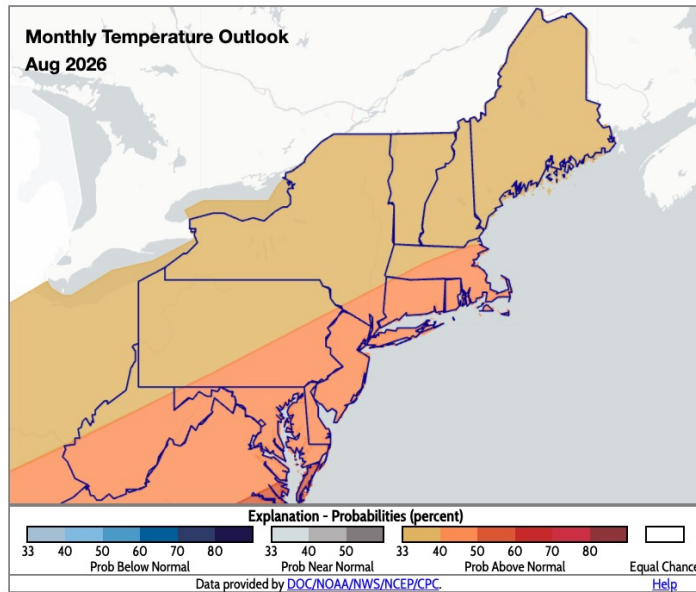
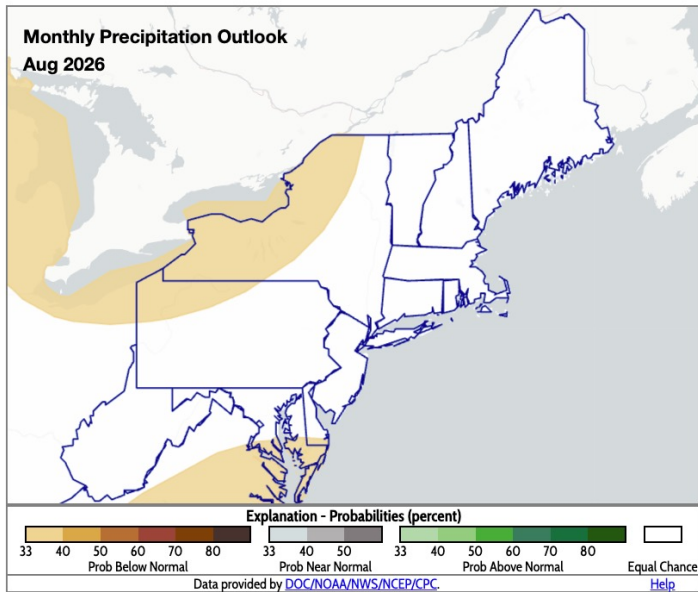
Forecast Maps



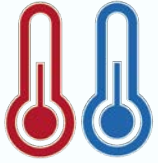
Short-term Outlooks



Monthly & 3-Month Outlooks



Key Points for July



Temperatures were slightly **below normal** to **above normal**



Wide range of precipitation – from **less than 25%** to **over 200%**



Another active **severe weather** month with over 30 tornadoes



Drought improved in multiple areas



Short-term: **wet** and **warm** conditions favored for all
Longer-term: **warmer weather** for all and **drier weather** for some

Contact Information

- nrcc@cornell.edu

Upcoming Webinars

- Thursday, August 27 at 9:30am EDT
 - Hurricane season to date and updated outlook
- Tuesday, September 29 at 9:30am EDT
 - Maine Mesonet
- Thursday, October 29 at 9:30am EDT
 - TBD



www.nrcc.cornell.edu