

# June Conditions & Northeast DEWS Discussion

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Northeast Regional Climate Center



# June Temperatures

Maximum Temperature Records (°F)				
Station	Date	New	Rank for June	Rank for All Months
Allentown, PA	24	98	6	
Atlantic City, NJ	23	98	9	
Atlantic City, NJ	24	102	2	6
Atlantic City, NJ	25	102	2	6
Binghamton, NY	23	91	7	
Binghamton, NY	24	91	7	
<b>Boston, MA</b>	<b>24</b>	<b>102</b>	<b>1</b>	4
Bridgeport, CT	24	95	9	
<b>Bridgeport, CT</b>	<b>25</b>	<b>97</b>	<b>1</b>	
Burlington, VT	23	99	2	5
Burlington, VT	24	97	3	
Central Park, NY	24	99	4	
Concord, NH	24	100	2	
Elkins, WV	24	92	10	
Harrisburg, PA	24	98	8	
Hartford, CT	23	98	5	
Hartford, CT	24	99	3	
<b>Islip, NY</b>	<b>24</b>	<b>101</b>	<b>1*</b>	3
Islip, NY	25	98	2	
<b>Kennedy Airport, NY</b>	<b>24</b>	<b>102</b>	<b>1*</b>	3
<b>Kennedy Airport, NY</b>	<b>25</b>	<b>102</b>	<b>1*</b>	3
<b>LaGuardia Airport, NY</b>	<b>24</b>	<b>101</b>	<b>1</b>	9
LaGuardia Airport, NY	25	99	6	
Newark, NJ	23	101	9	
<b>Newark, NJ</b>	<b>24</b>	<b>103</b>	<b>1</b>	
Newark, NJ	25	101	9	
Philadelphia, PA	24	101	2	
<b>Portland, ME</b>	<b>24</b>	<b>99</b>	<b>1</b>	5
<b>Providence, RI</b>	<b>24</b>	<b>100</b>	<b>1*</b>	6
Providence, RI	25	97	5	
Wilmington, DE	23	99	7	
Wilmington, DE	24	101	2	
Wilmington, DE	25	99	7	
Worcester, MA	23	93	10	
Worcester, MA	24	95	3	

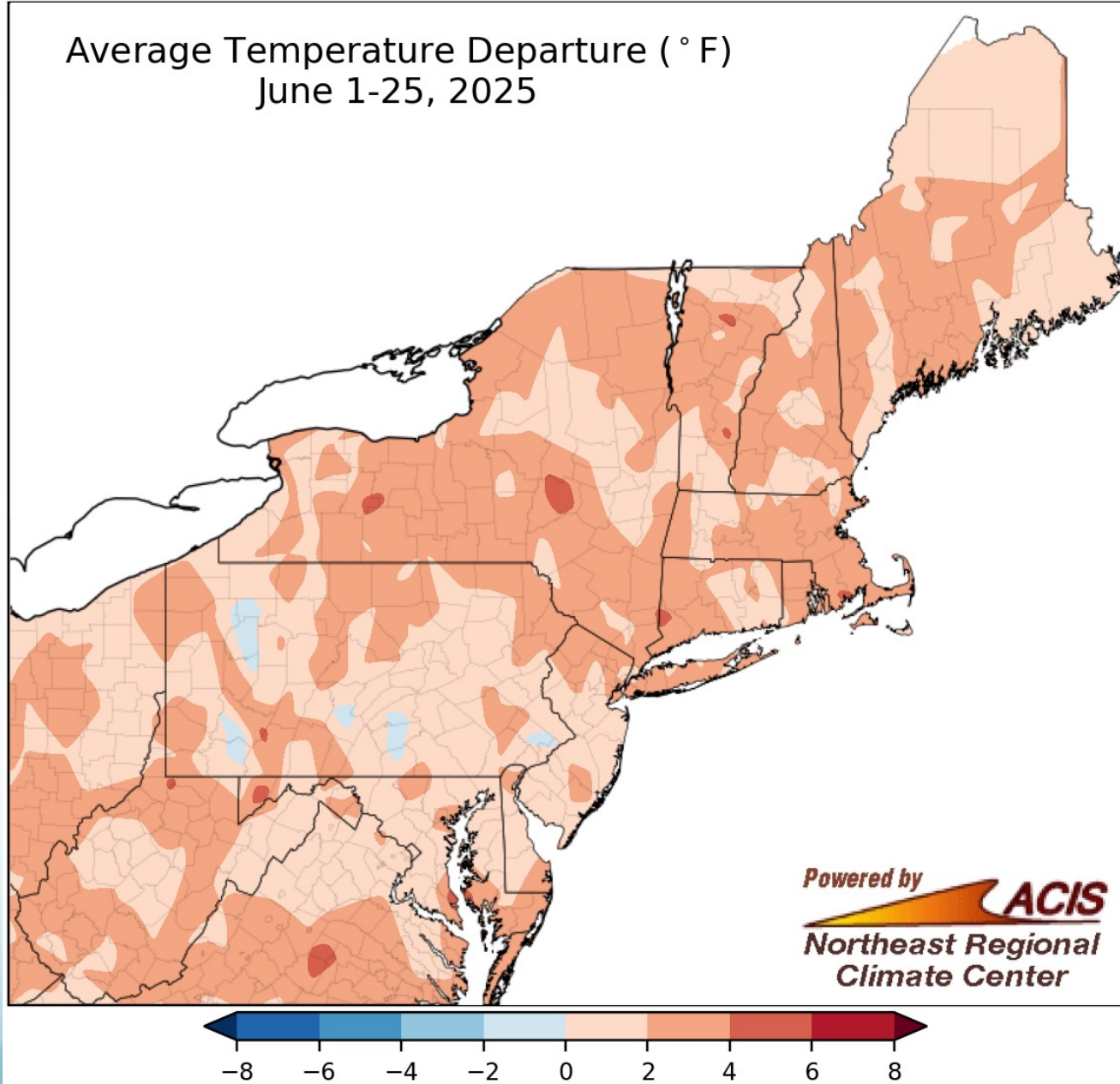
\*first time in June w/ a high of 100°F or higher

High Minimum Temperature Records (°F)				
Station	Date	New	June Rank	Rank for All Months
Albany, NY	25	74	7	
<b>Allentown, PA</b>	<b>24</b>	<b>75</b>	<b>1</b>	
Atlantic City, NJ	22	75	9	
Atlantic City, NJ	23	78	3	
Atlantic City, NJ	24	78	3	
Atlantic City, NJ	25	77	7	
Baltimore, MD	24	78	7	
Binghamton, NY	23	71	5	
Binghamton, NY	24	71	5	
Boston, MA	23	76	10	
Boston, MA	24	78	5	
Bridgeport, CT	23	74	3	
Bridgeport, CT	24	72	9	
<b>Bridgeport, CT</b>	<b>25</b>	<b>76</b>	<b>1</b>	
Caribou, ME	24	68	6	
Central Park, NY	23	80	4	
<b>Central Park, NY</b>	<b>24</b>	<b>81</b>	<b>1</b>	
<b>Central Park, NY</b>	<b>25</b>	<b>81</b>	<b>1</b>	
Dulles Airport, VA	18	74	3	
Dulles Airport, VA	24	73	9	
Erie, PA	22	77	5	
Erie, PA	23	76	7	
Erie, PA	24	76	7	
Harrisburg, PA	24	78	4	
Harrisburg, PA	25	76	6	
Hartford, CT	24	75	3	
Hartford, CT	25	75	3	
Huntinton, WV	25	75	4	
Islip, NY	23	75	3	
Islip, NY	24	75	3	
<b>Islip, NY</b>	<b>25</b>	<b>77</b>	<b>1</b>	
Kennedy Airport, NY	24	76	7	
<b>Kennedy Airport, NY</b>	<b>25</b>	<b>81</b>	<b>1</b>	3
LaGuardia Airport, NY	25	80	4	
Newark, NJ	23	81	3	
Newark, NJ	24	82	2	6
<b>Newark, NJ</b>	<b>25</b>	<b>85</b>	<b>1</b>	3
Philadelphia, PA	24	80	3	
Portland, ME	25	69	10	
Providence, RI	24	74	6	
Providence, RI	25	74	6	
<b>Rochester, NY</b>	<b>22</b>	<b>77</b>	<b>1</b>	8
Syracuse, NY	24	76	4	
Washington, D.C.	24	79	7	
Washington, D.C.	25	79	7	
Wilmington, DE	23	77	2	
Wilmington, DE	24	77	2	
<b>Wilmington, DE</b>	<b>25</b>	<b>78</b>	<b>1</b>	
Worcester, MA	24	75	2	
Worcester, MA	25	74	4	



# June Temperatures

Average Temperature Departure (°F)  
June 1-25, 2025

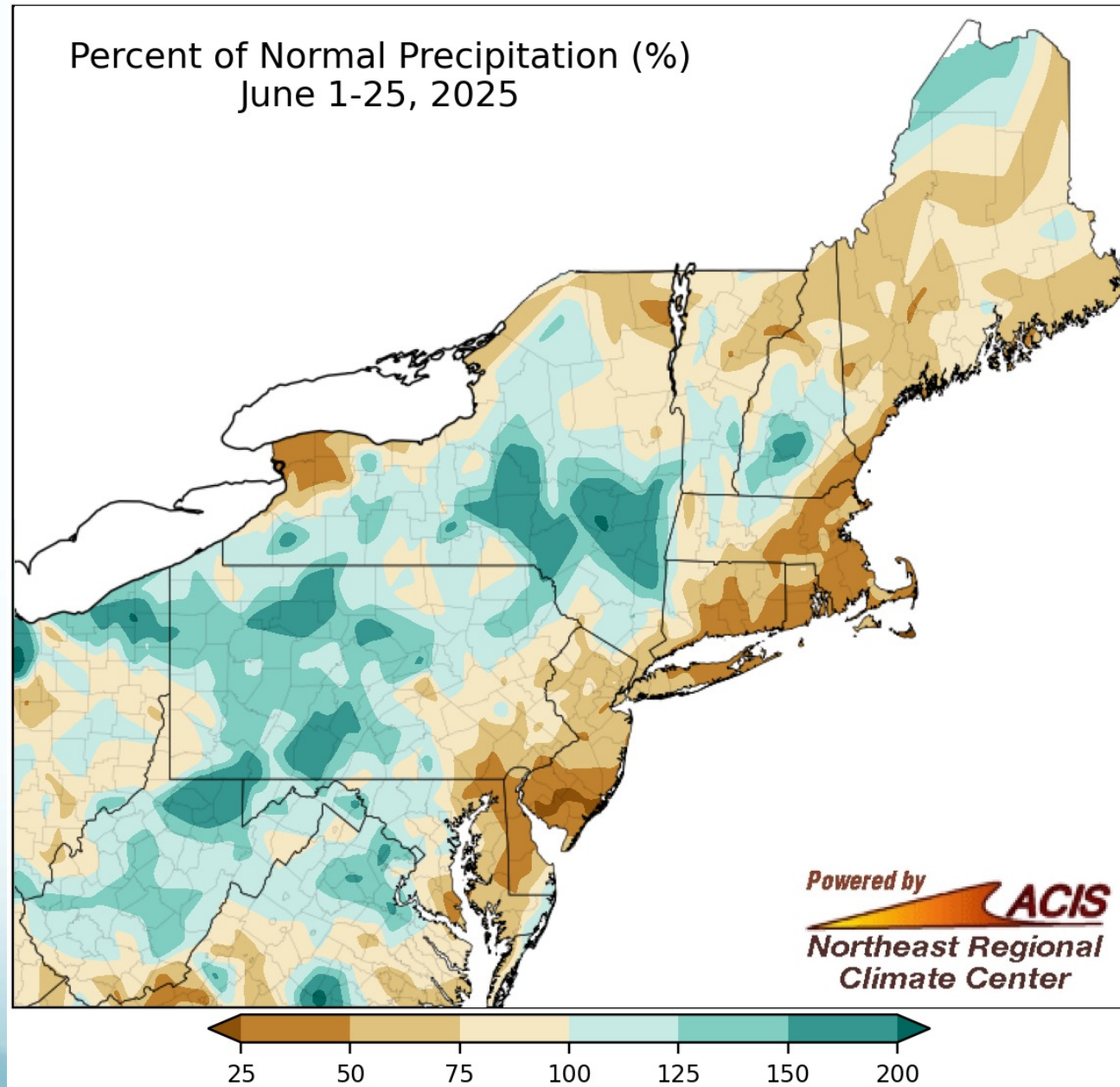


From 2°F below normal to 4°F above normal





# June Precipitation



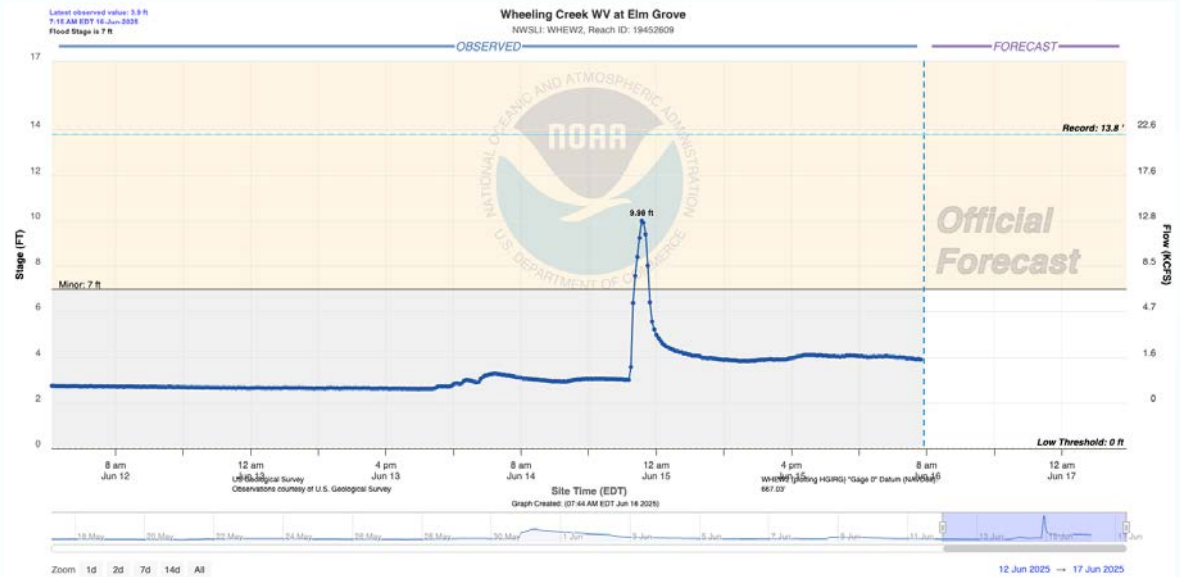
From less than 50% of normal to 200% of normal



# June Storms



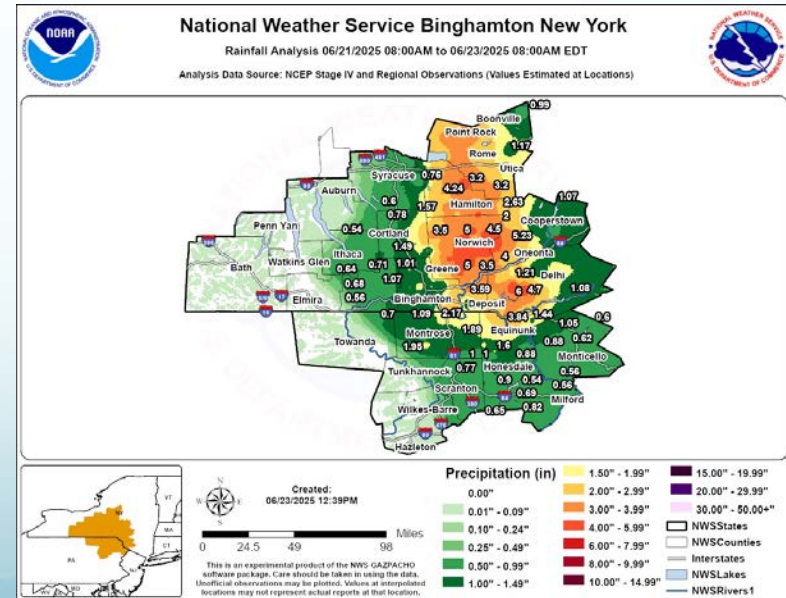
June 9 – four tornadoes with the strongest an EF-2



June 14 and 15 – Flash Flood Emergencies for parts of West Virginia with at least 8 deaths

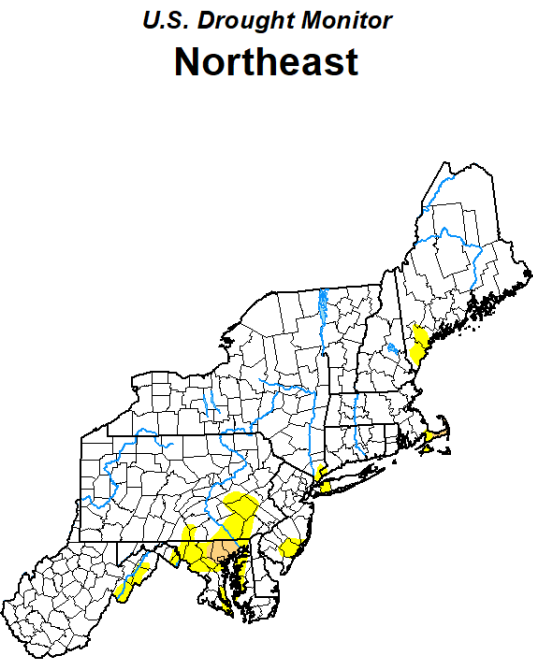
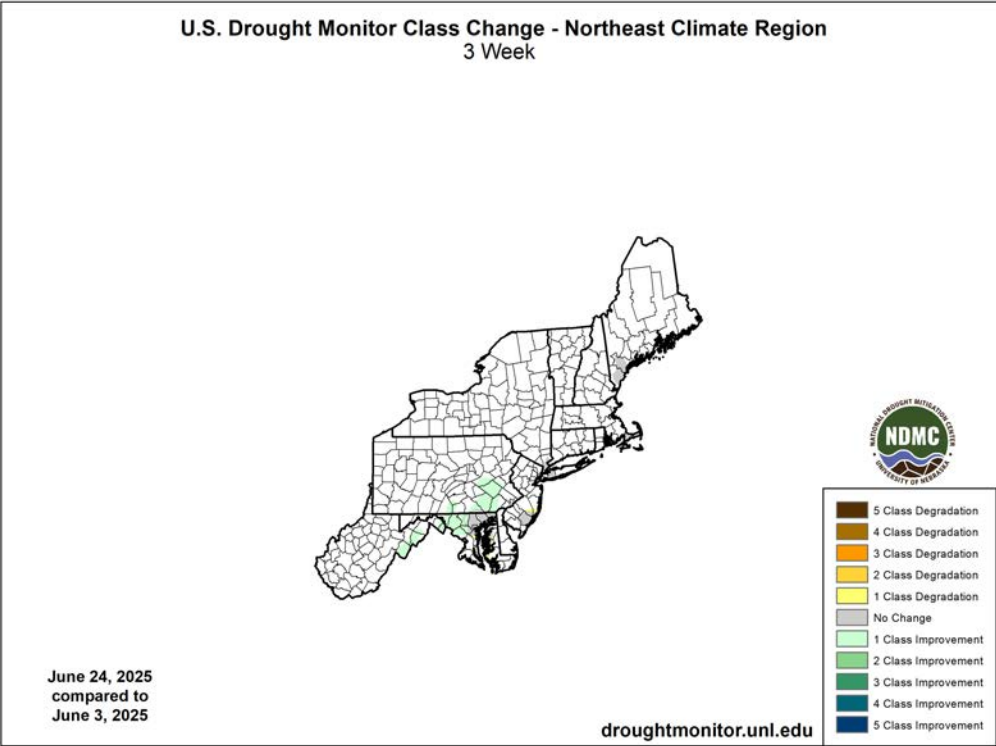


June 22 – Deadly tornado and Flash Flood Emergency in New York





# Drought Monitor



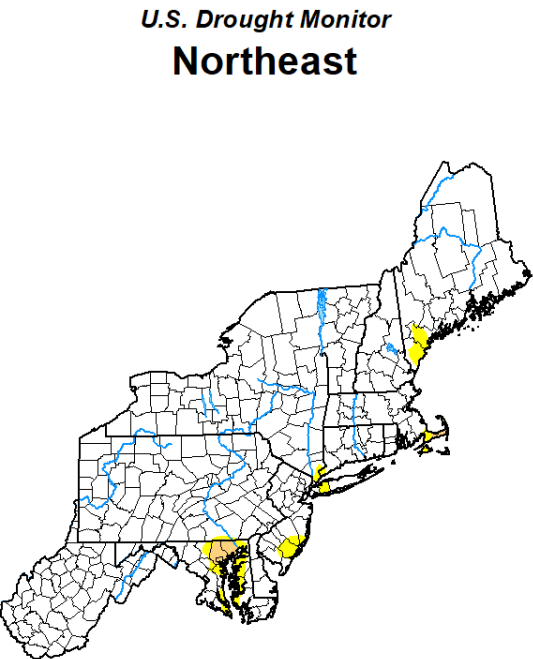
**June 3, 2025**  
(Released Thursday, Jun. 5, 2025)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	93.53	5.63	0.84	0.00	0.00	0.00
Last Week 05-27-2025	88.56	6.74	4.54	0.16	0.00	0.00
3 Months Ago 03-04-2025	33.14	35.73	21.23	9.04	0.86	0.00
Start of Calendar Year 01-01-2025	33.83	32.27	24.14	8.39	1.37	0.00
Start of Water Year 10-01-2024	45.94	34.77	9.37	4.97	4.27	0.67
One Year Ago 06-04-2024	90.41	9.31	0.28	0.00	0.00	0.00

**Intensity:**

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



**June 24, 2025**  
(Released Thursday, Jun. 26, 2025)  
Valid 8 a.m. EDT

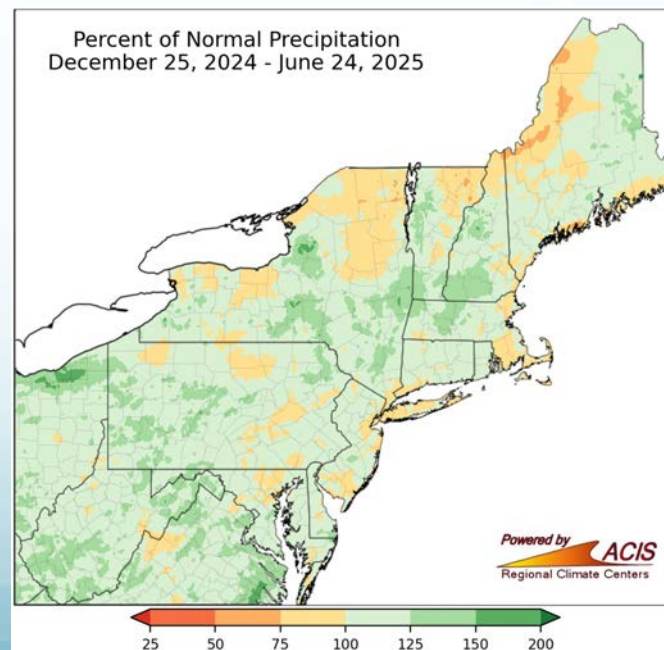
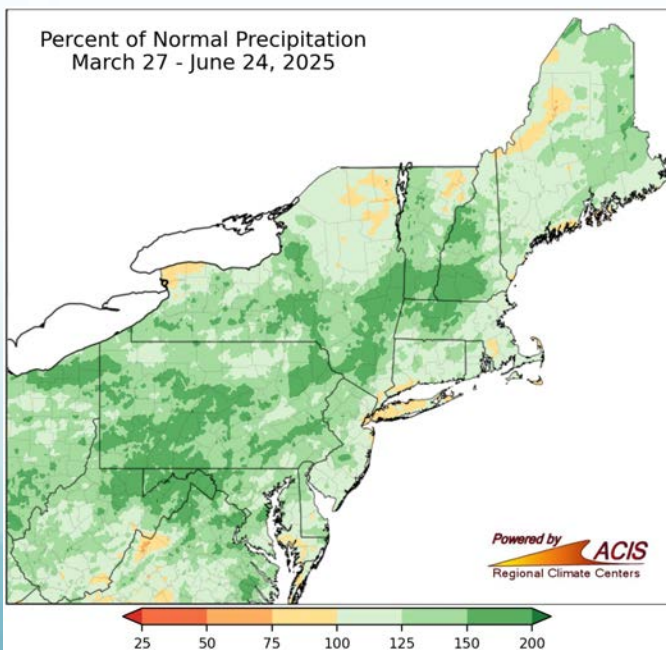
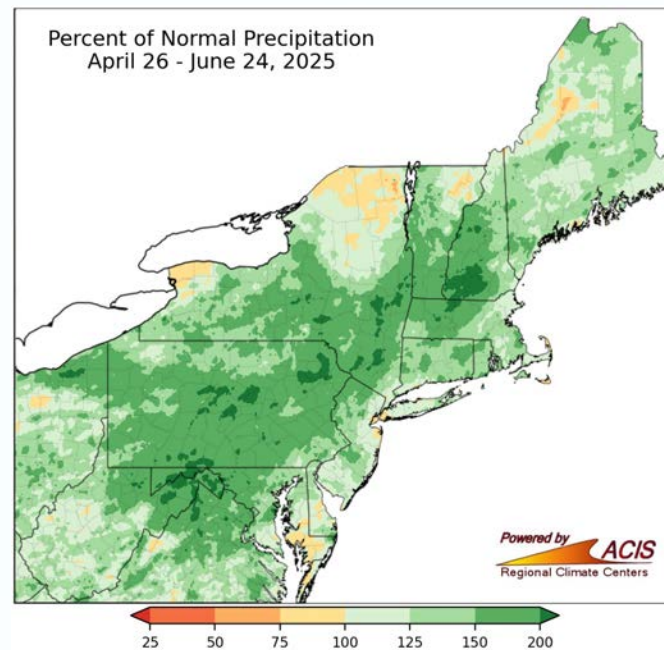
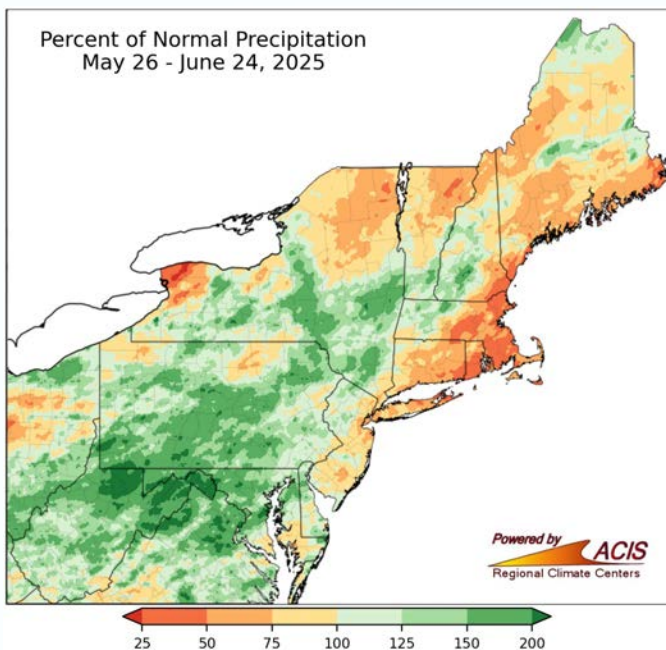
Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	96.64	2.62	0.74	0.00	0.00	0.00
Last Week 06-17-2025	96.54	2.72	0.74	0.00	0.00	0.00
3 Months Ago 03-25-2025	34.48	38.44	19.66	7.15	0.27	0.00
Start of Calendar Year 01-01-2025	33.83	32.27	24.14	8.39	1.37	0.00
Start of Water Year 10-01-2024	45.94	34.77	9.37	4.97	4.27	0.67
One Year Ago 06-25-2024	56.71	30.97	12.31	0.00	0.00	0.00

**Intensity:**

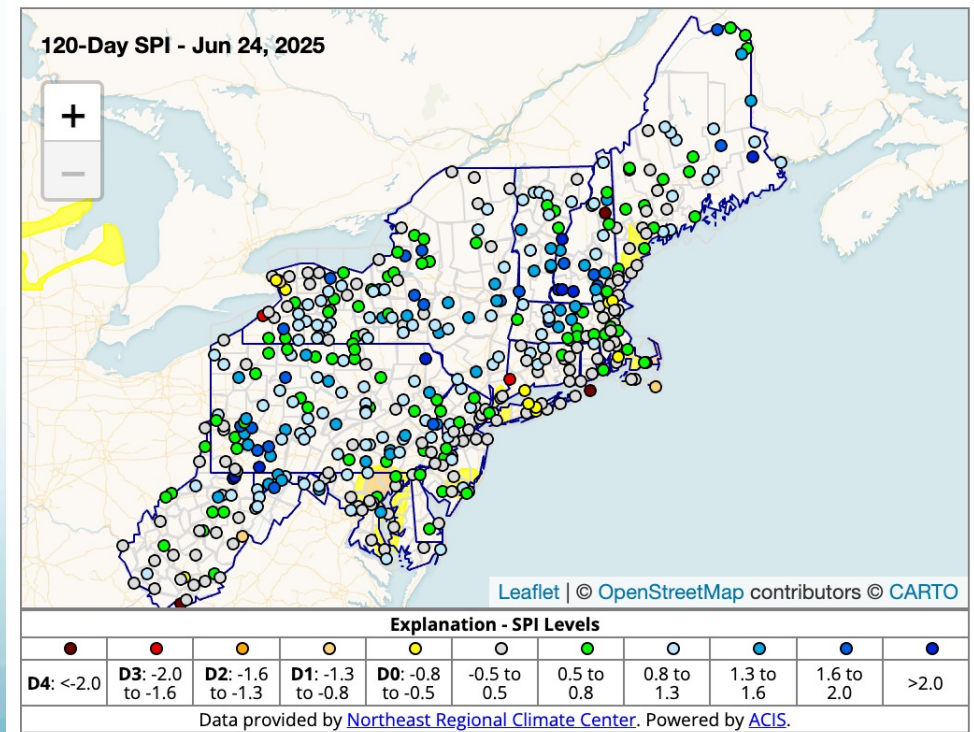
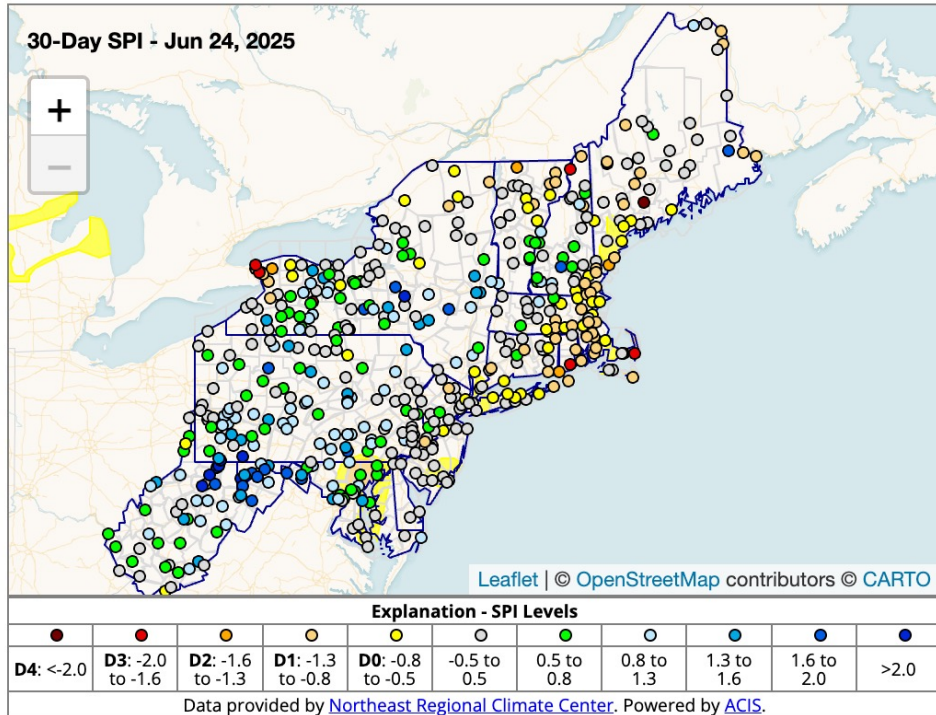
- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

# Precipitation





# Standardized Precipitation Index

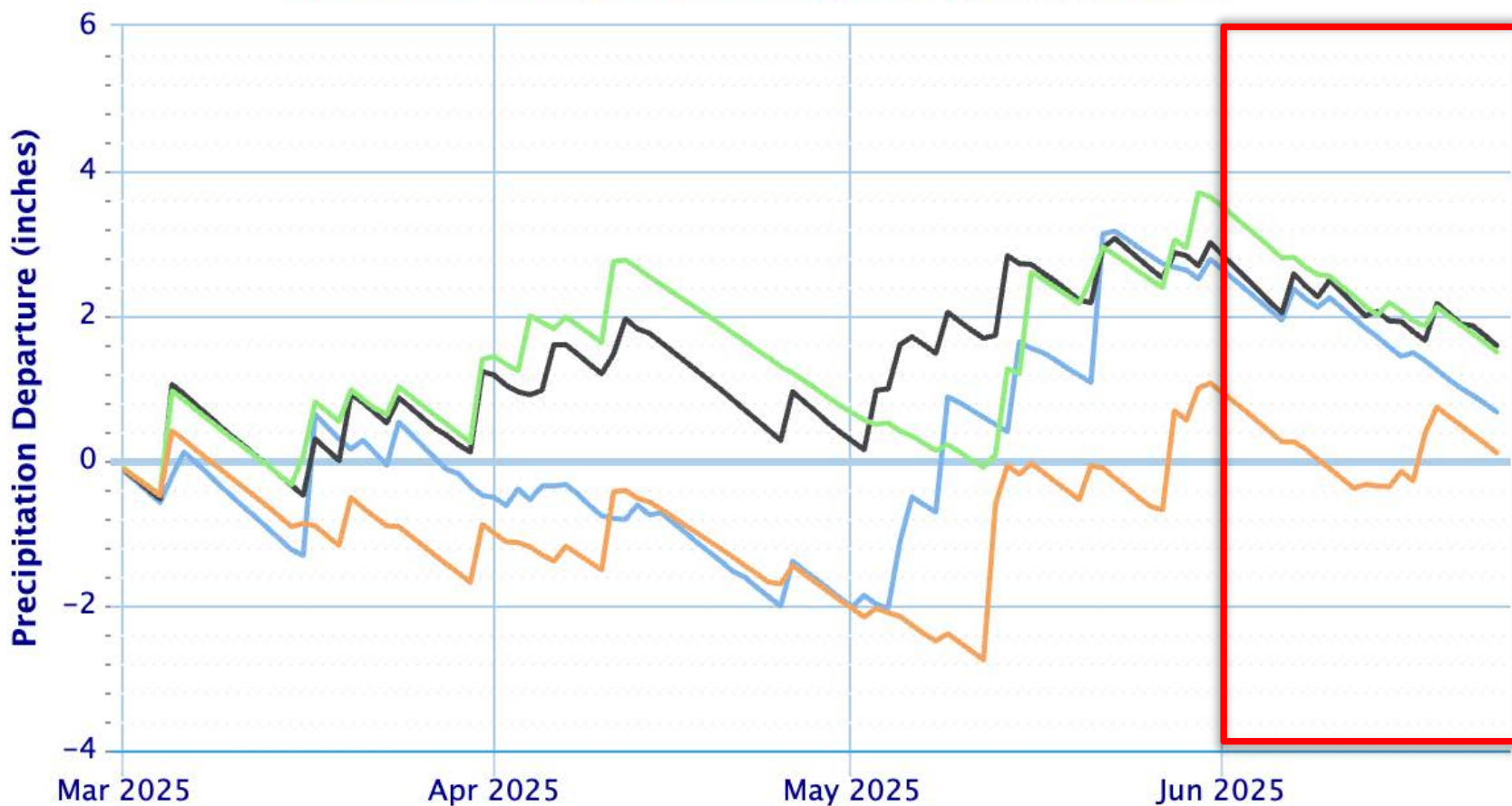




# Precipitation

## Accumulated Precipitation Departure from Normal

Green/black diamonds represent subsequent/missing values



(Click to hide/show lines)

— Providence Area, RI (ThreadEx):Precip Dprt

— New York-Central Park Area, NY (ThreadEx):Precip Dprt

— Philadelphia Area, PA (ThreadEx):Precip Dprt

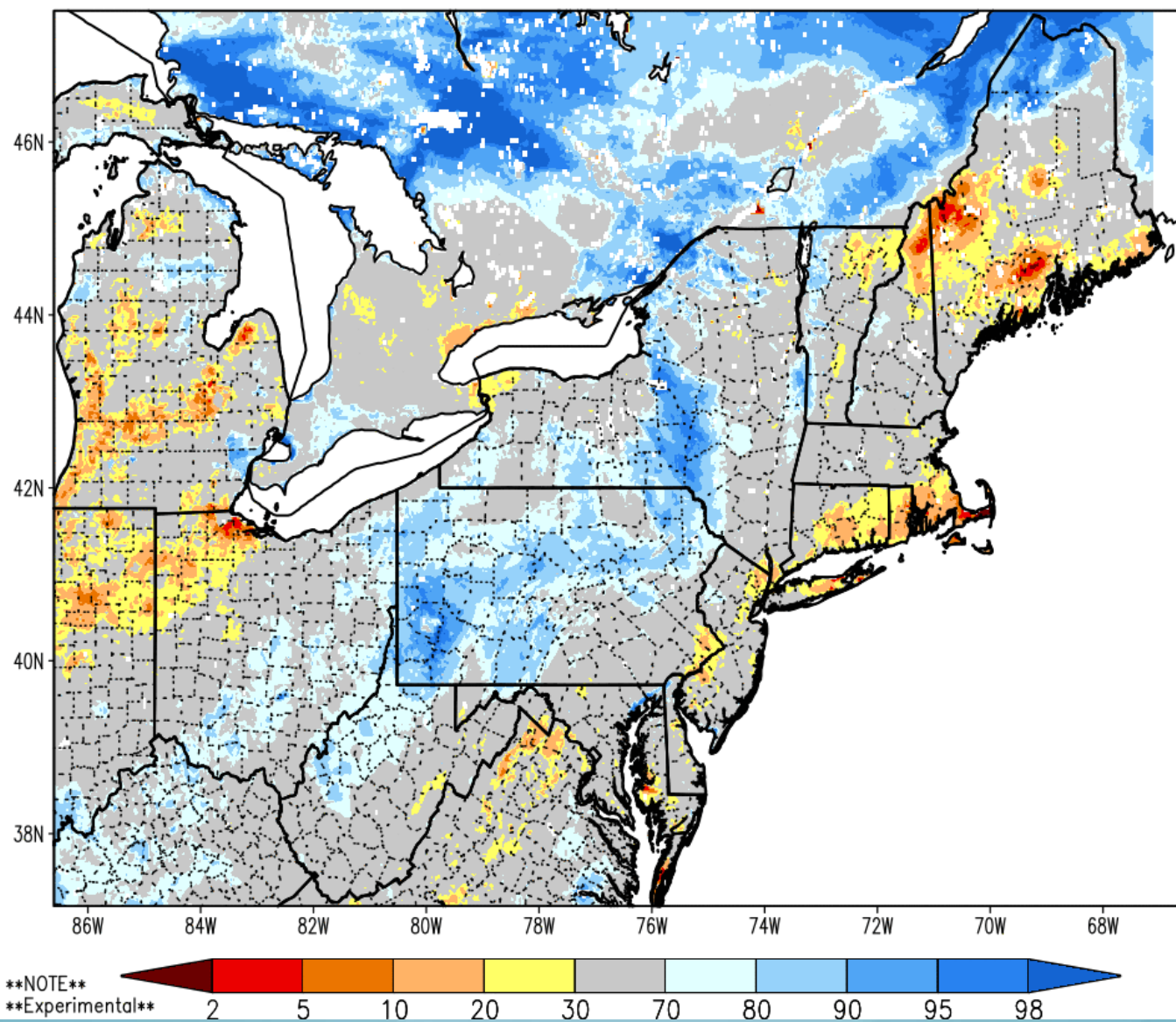
— Baltimore Area, MD (ThreadEx):Precip Dprt



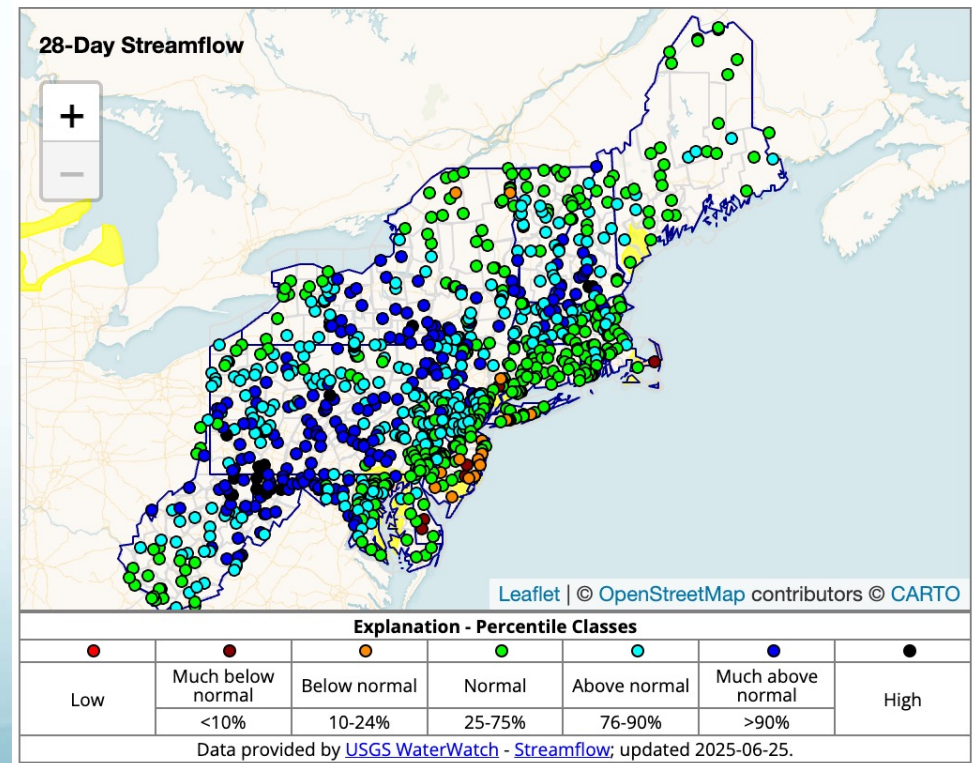
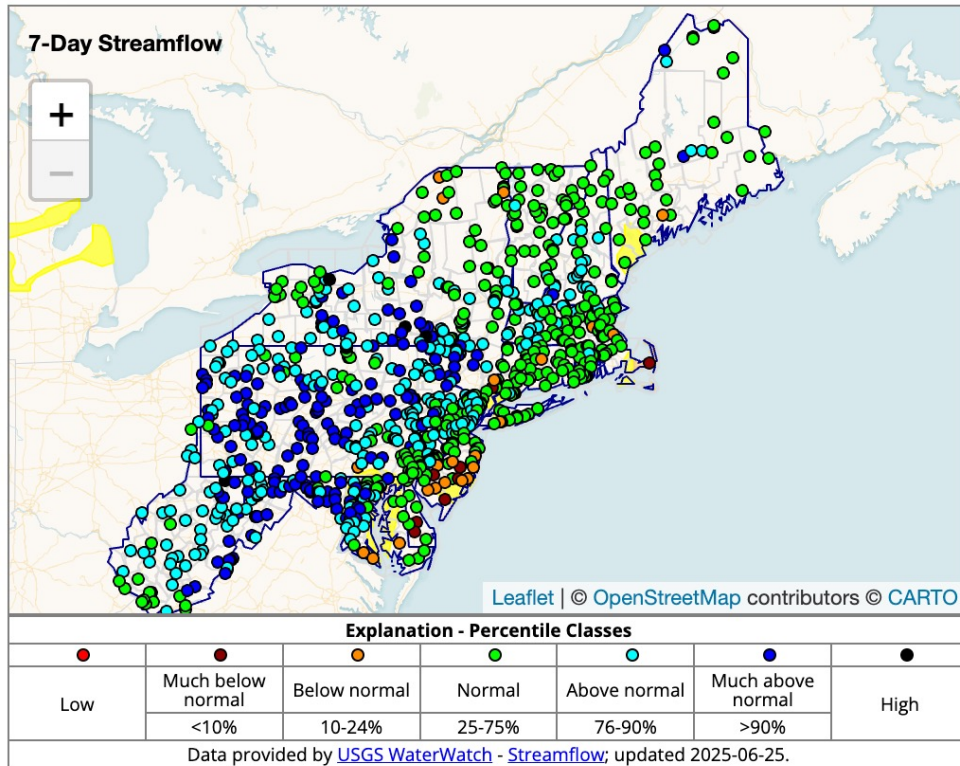
Powered by ACIS

# Soil Moisture

SPoRT-LIS 0–100 cm Soil Moisture percentile valid 26 Jun 2025

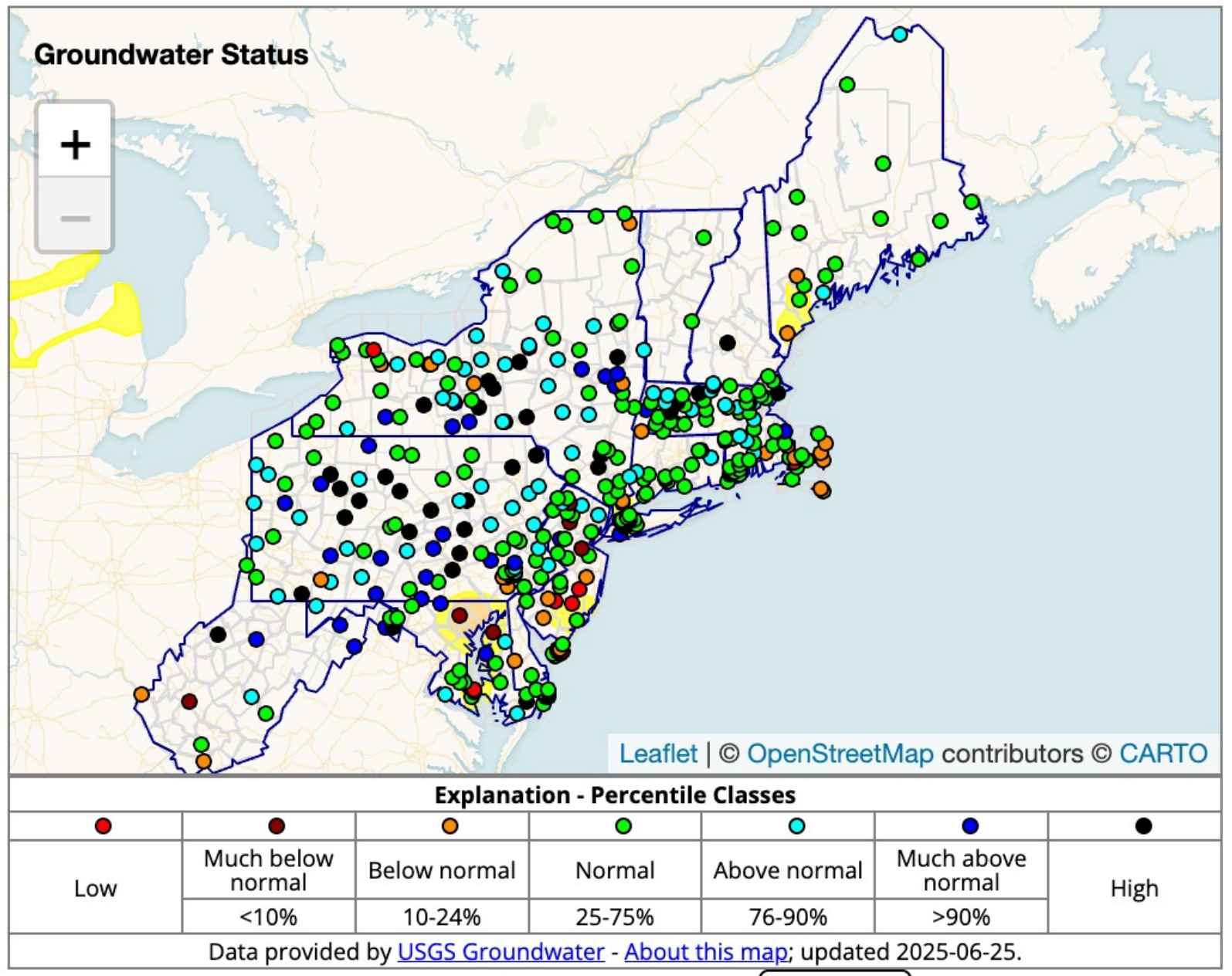


# Streamflow



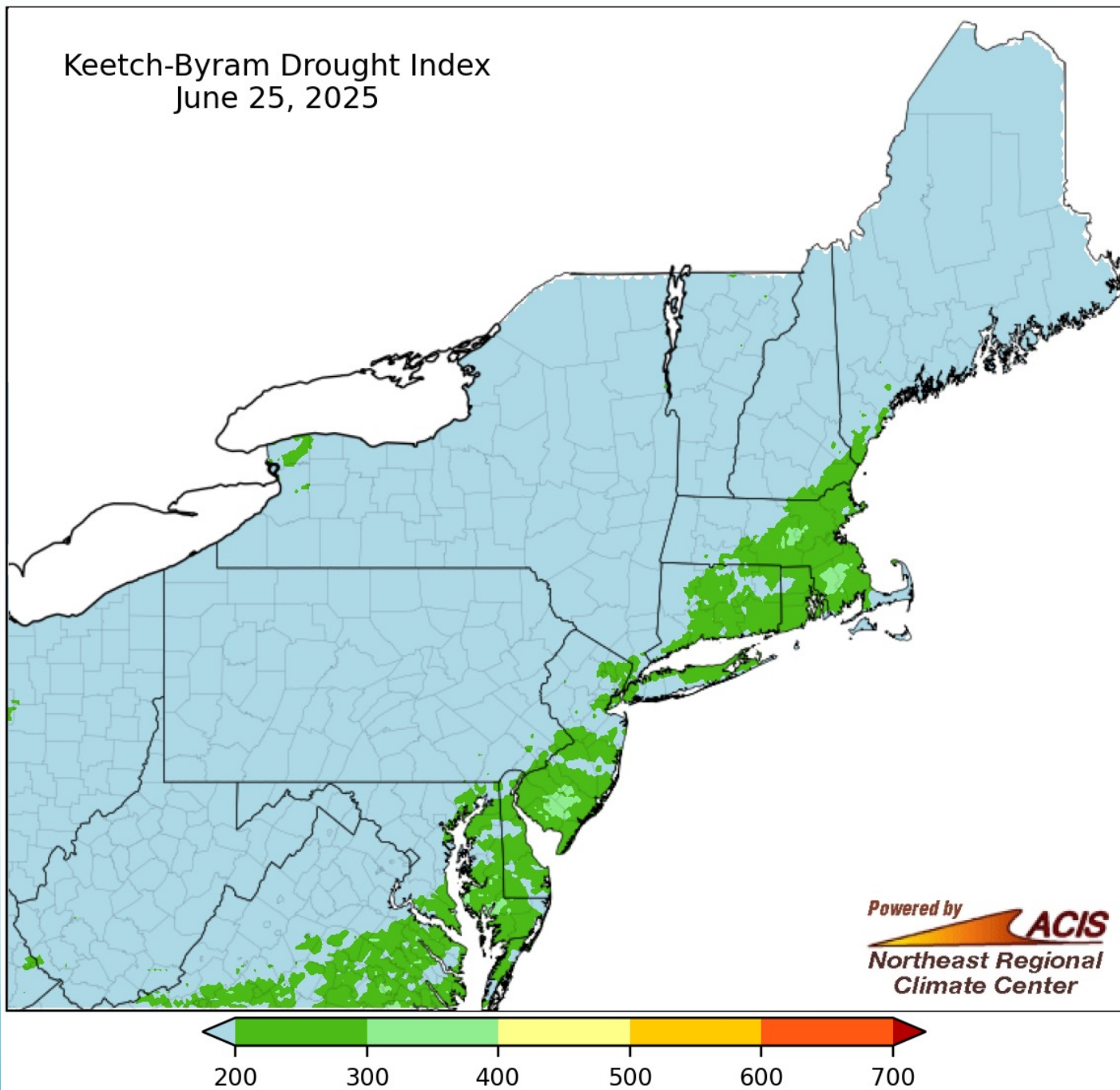


# Groundwater

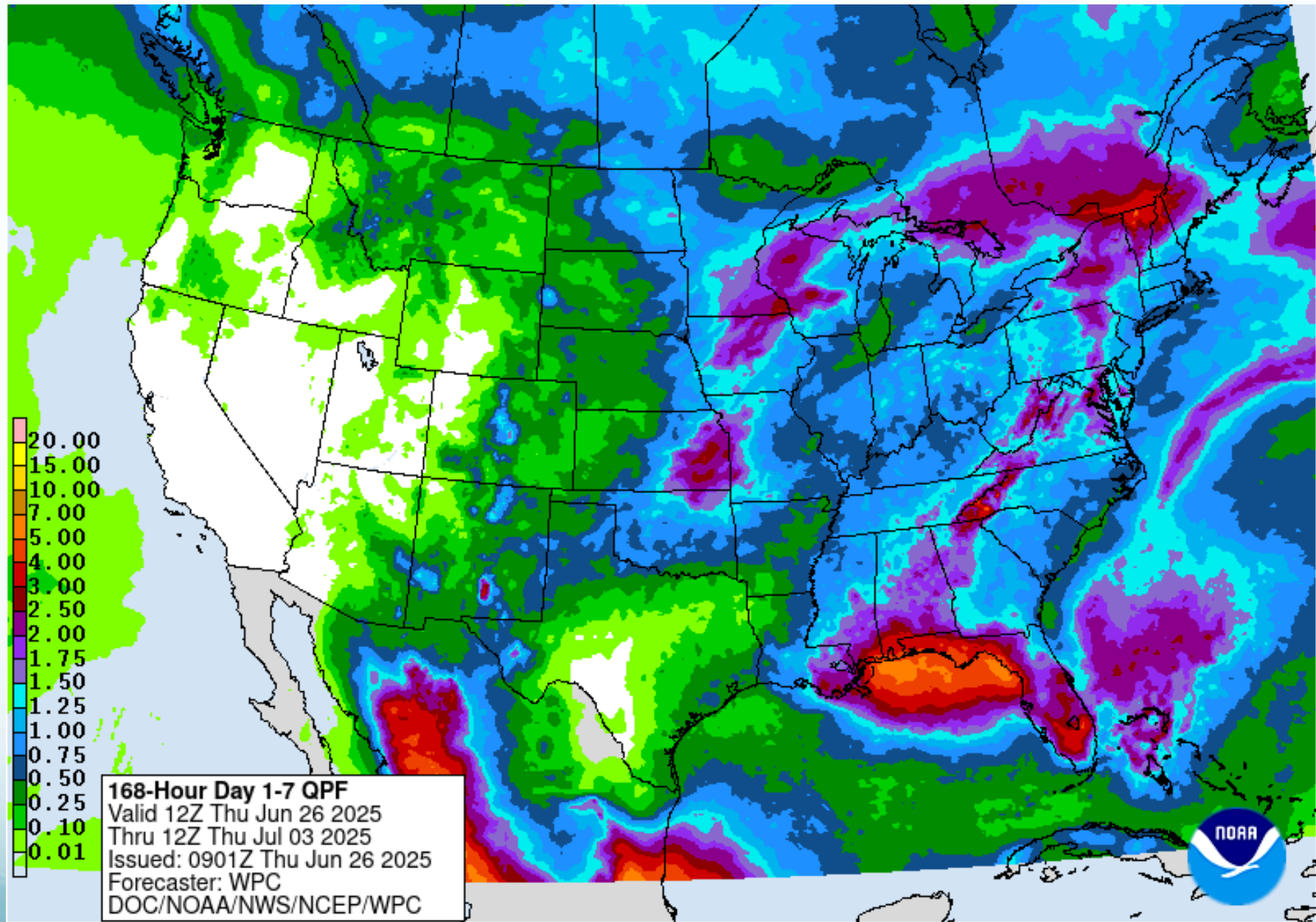


# Wildfire Risk

Keetch-Byram Drought Index  
June 25, 2025



# Precipitation Forecast



“Normal” precipitation for this period is about 0.70” to 1.05”



# Short-term Outlooks



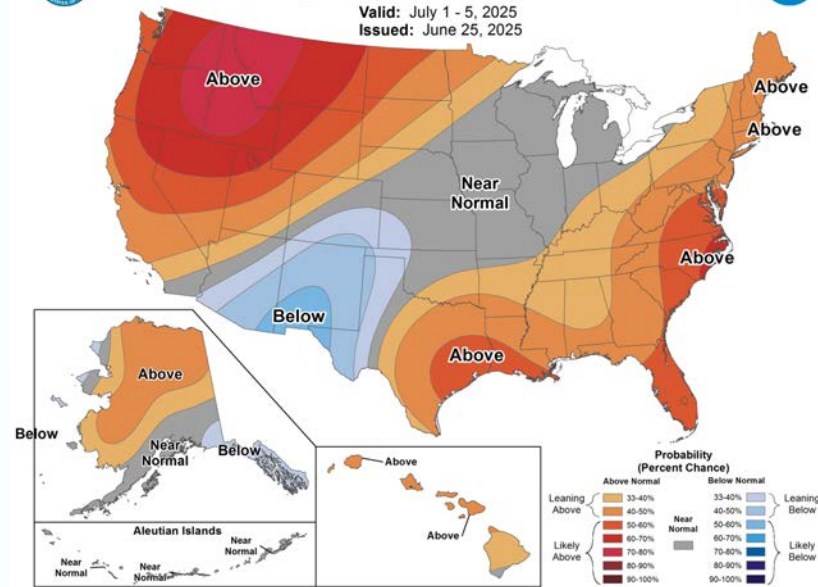
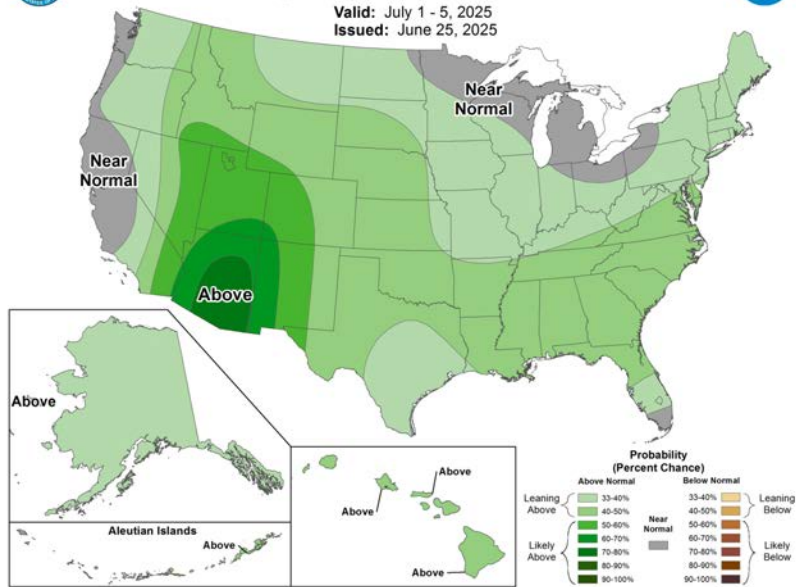
## 6-10 Day Precipitation Outlook

Valid: July 1 - 5, 2025  
Issued: June 25, 2025



## 6-10 Day Temperature Outlook

Valid: July 1 - 5, 2025  
Issued: June 25, 2025



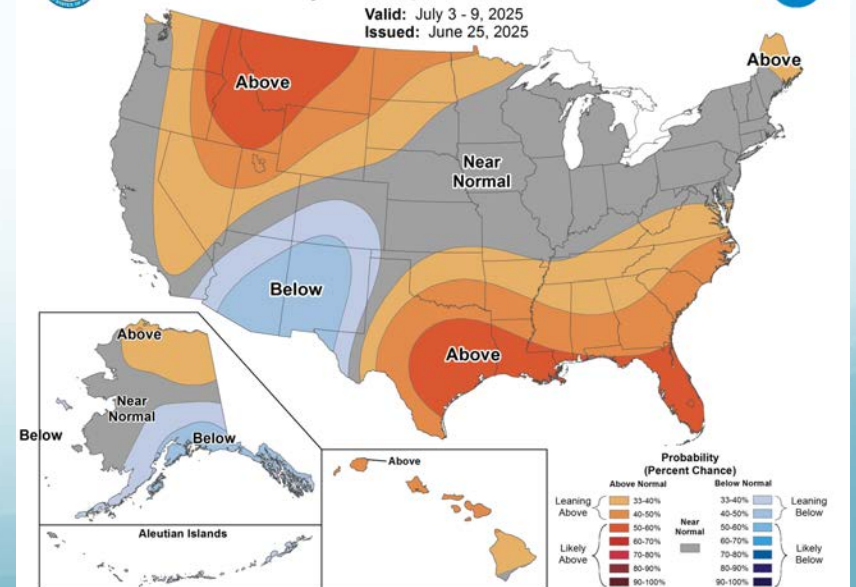
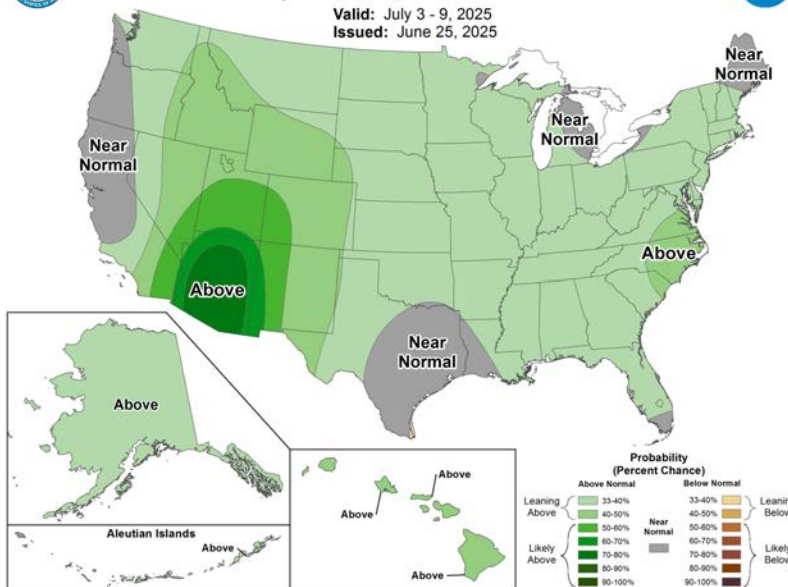
## 8-14 Day Precipitation Outlook

Valid: July 3 - 9, 2025  
Issued: June 25, 2025

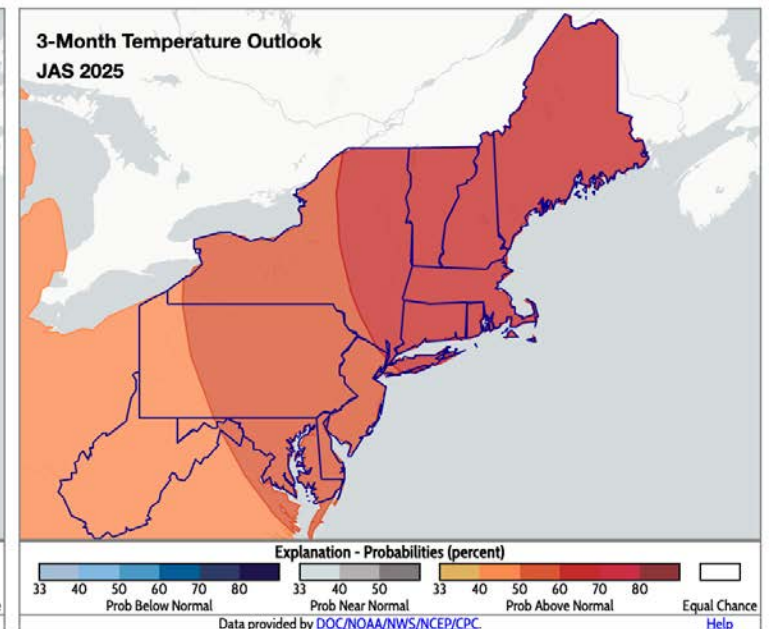
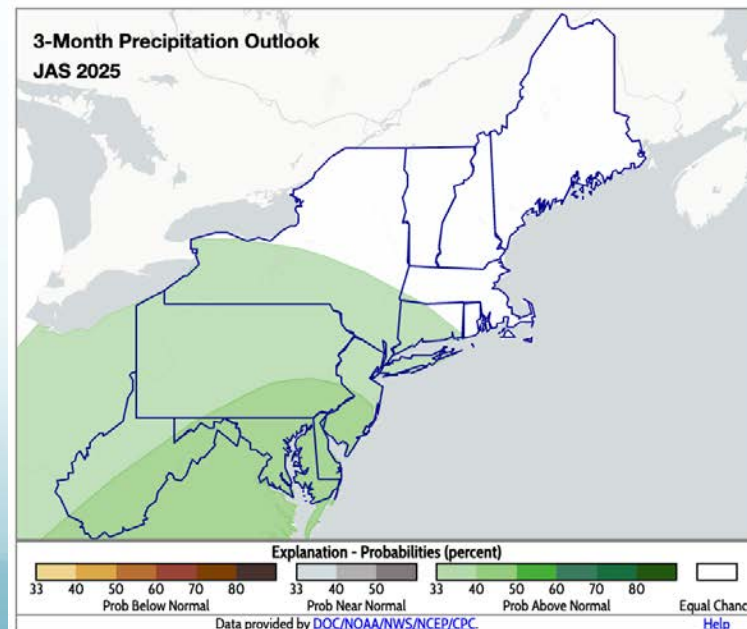
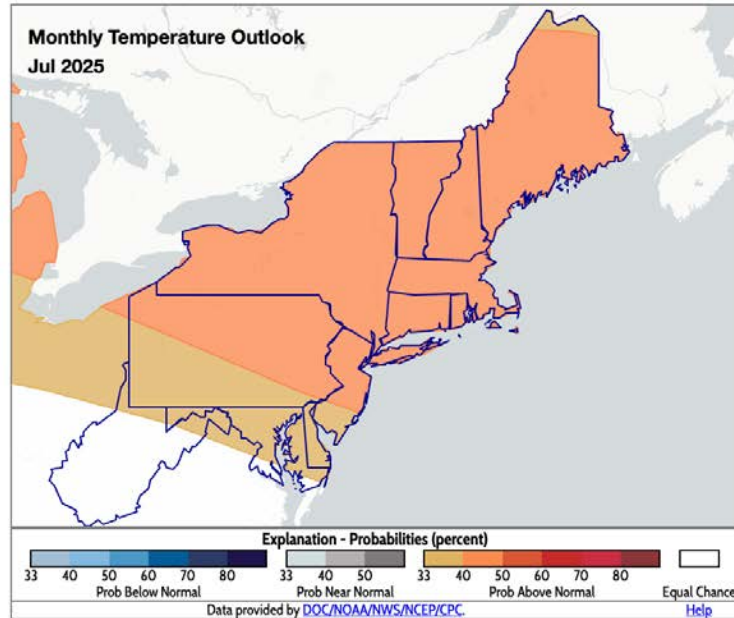
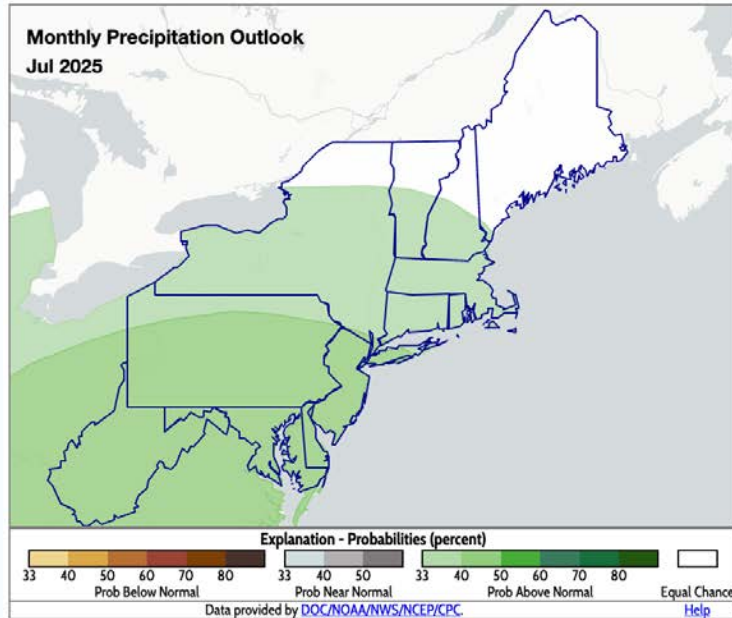


## 8-14 Day Temperature Outlook

Valid: July 3 - 9, 2025  
Issued: June 25, 2025



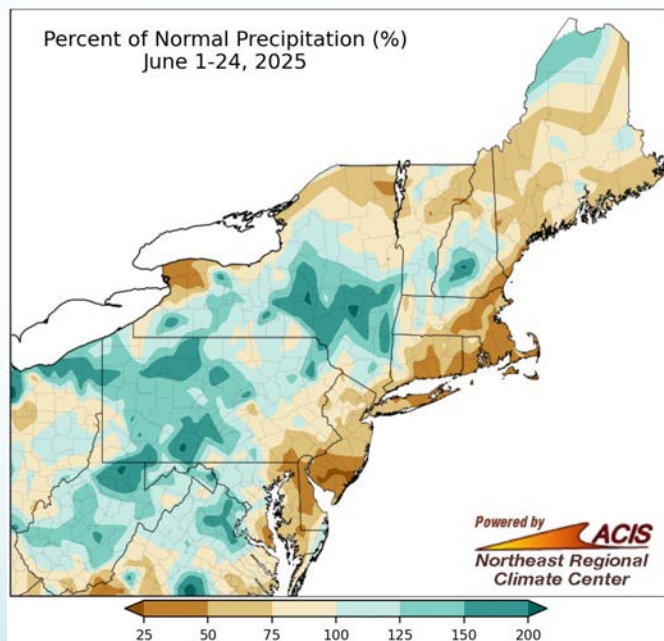
# Monthly & 3-Month Outlooks



# Summary

## June-to-date conditions:

- Record-setting heat during second half of month
- Full month of June - above-normal temperatures for most areas
- Wide-ranging precipitation amounts



## Drought:

- Limited areas with drought or abnormal dryness
- Slight trimming during June
- Below-normal or lower groundwater levels persist in a few spots

## Outlooks:

- Short term: Near- or above-normal precipitation and near- or above-normal temperatures favored
- July and July-September: wetter than normal and warmer than normal for much of the region





# Contact Information

- [nrcc@cornell.edu](mailto:nrcc@cornell.edu)

## Upcoming Webinars

- Thursday, July 31 at 9:30am EDT
  - TBD
- Thursday, August 28 at 9:30am EDT
  - Atlantic Hurricane Season
- Tuesday, September 30 at 9:30am EDT
  - TBD



[www.nrcc.cornell.edu](http://www.nrcc.cornell.edu)