

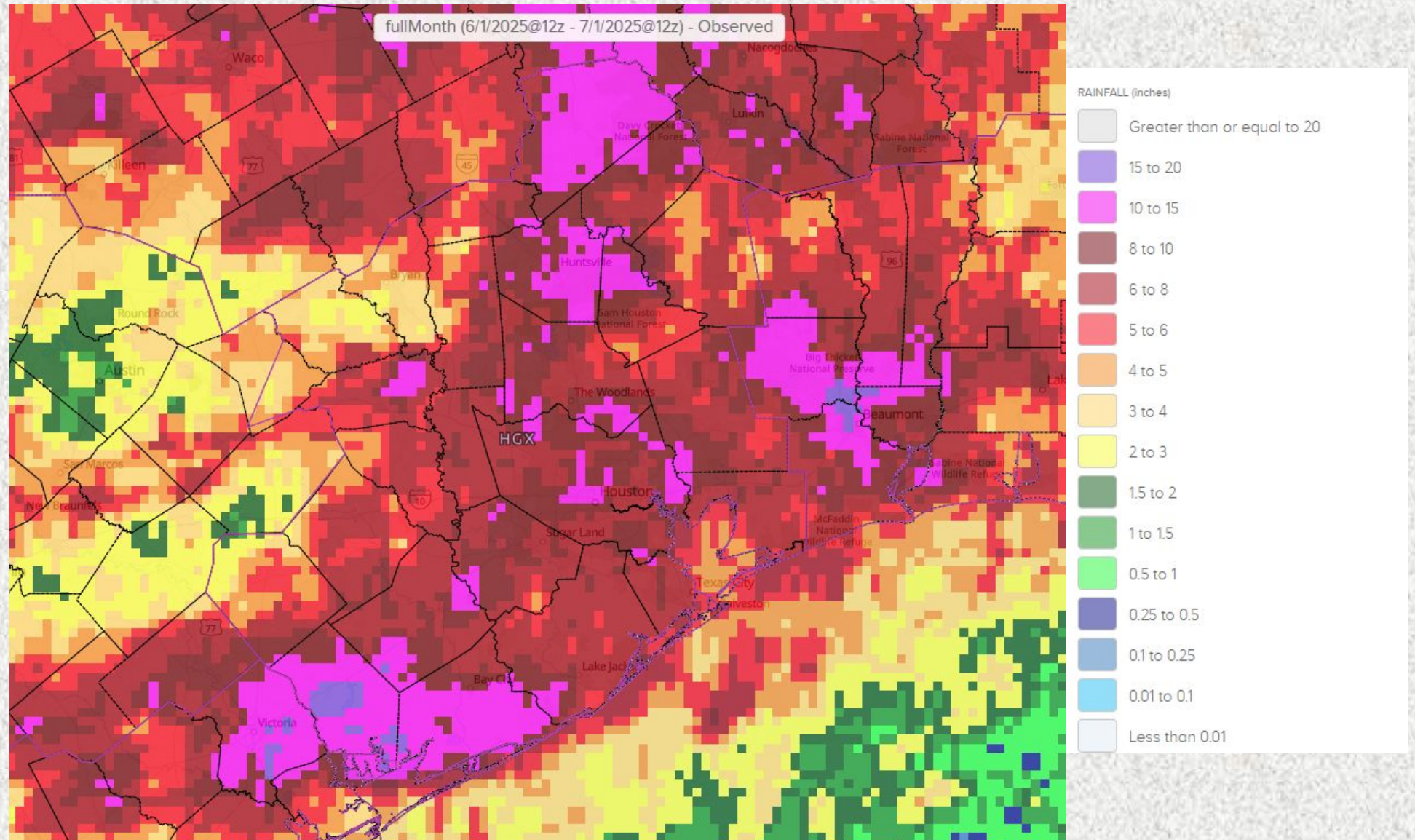
NWS Houston/Galveston Monthly Hydrologic Report June 2025

Produced by: Cameron Batiste

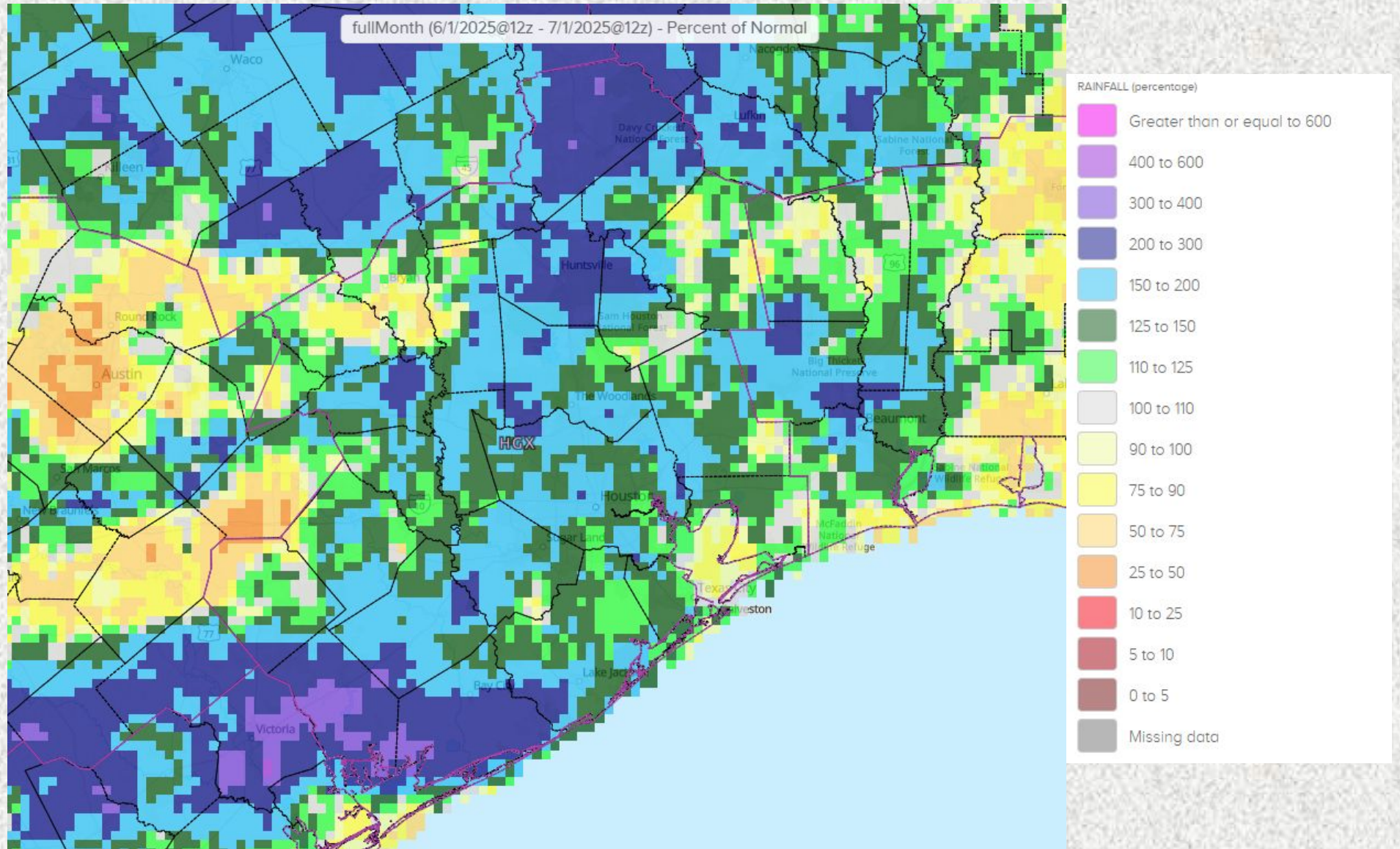
Date: 7/4/2025

June was officially a drought buster for Southeast Texas with the majority of the area drought-free by the end of the month thanks to multiple rounds of heavy rainfall. Some areas received over 10" of rain throughout the month including locations near Matagorda Bay along with locations in the Piney Woods. There were over 30 Flood Advisories and 7 Flash Flood Warnings issued throughout June. These rounds of rainfall led to minor to major river flooding as well especially along the Trinity, Navasota, San Bernard, and Tres Palacios Rivers.

Monthly Precipitation

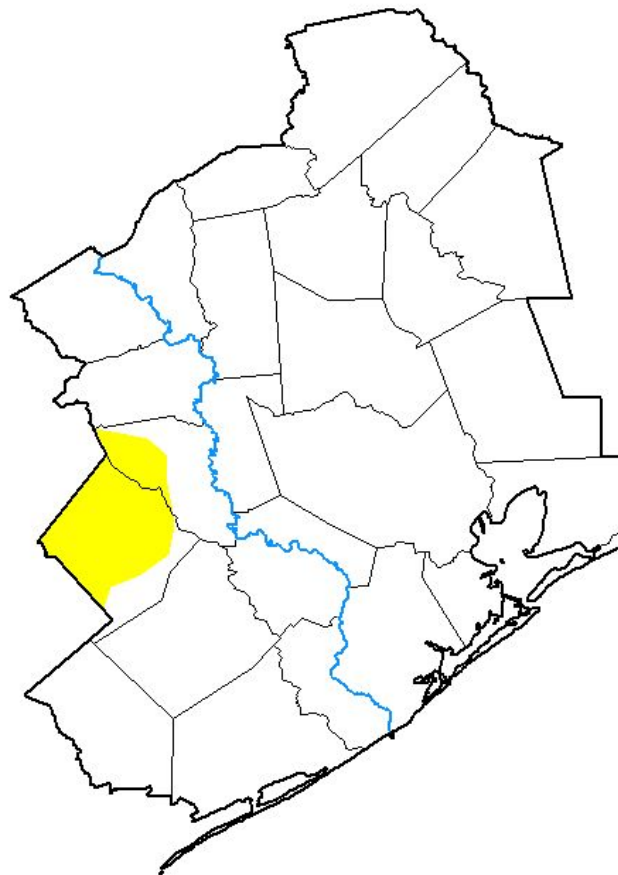


Monthly Percent of Normal Precipitation



U.S. Drought Monitor

U.S. Drought Monitor Houston/Galveston, TX WFO



June 24, 2025

(Released Thursday, Jun. 26, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	95.38	4.62	0.00	0.00	0.00	0.00
Last Week 06-17-2025	94.67	5.33	0.00	0.00	0.00	0.00
3 Months Ago 03-25-2025	45.65	54.35	33.33	10.67	0.76	0.00
Start of Calendar Year 01-07-2025	28.59	71.41	37.60	0.00	0.00	0.00
Start of Water Year 10-01-2024	10.34	89.66	5.13	0.00	0.00	0.00
One Year Ago 06-25-2024	100.00	0.00	0.00	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:

Curtis Riganti
National Drought Mitigation Center



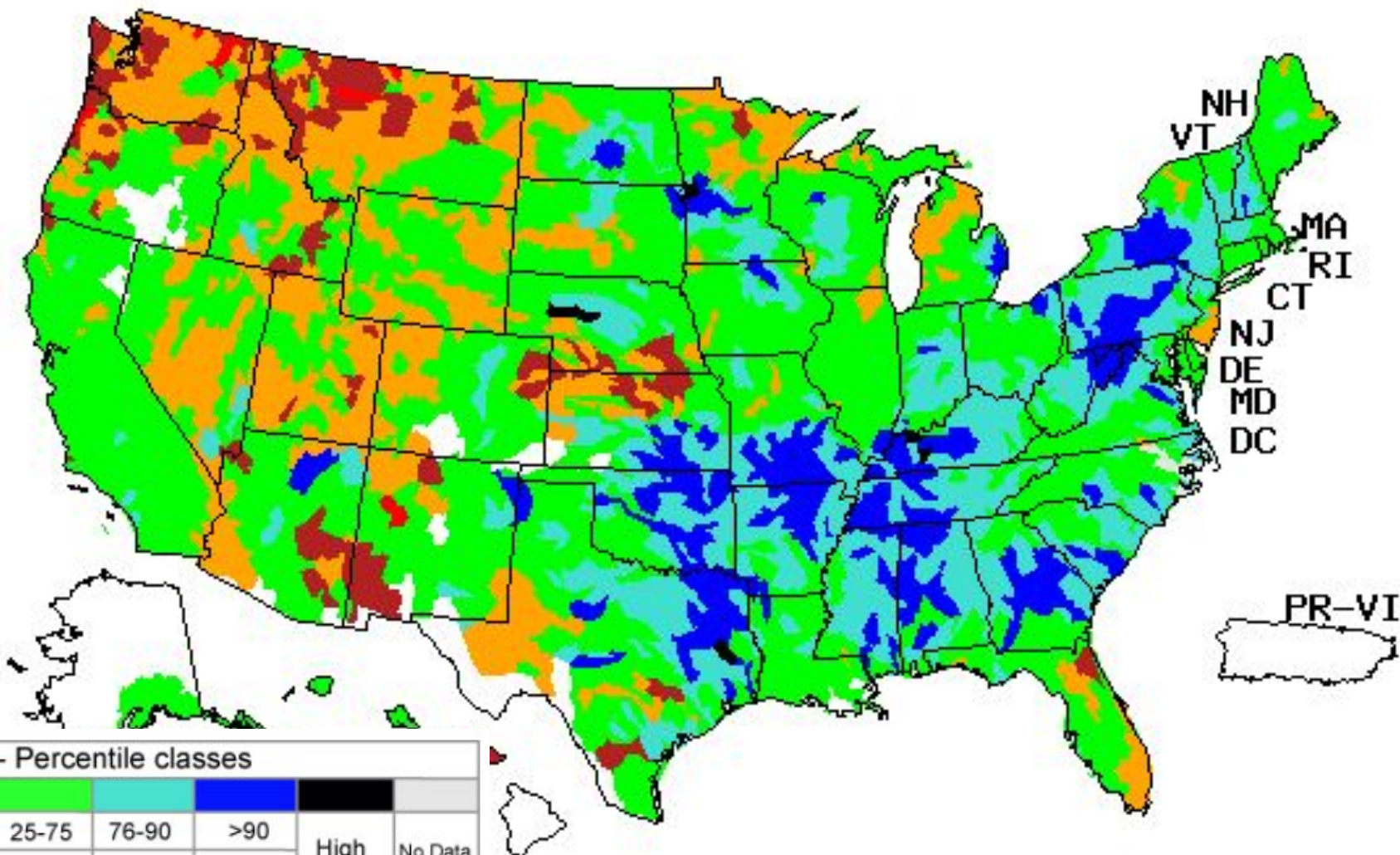
droughtmonitor.unl.edu

River Flooding

River and Station	Flood Stage (feet)	Crest Stage (feet)	Crest Date
Navasota River at Normangee, TX (NGET2)	15.0	16.09	06/01 09:15Z
		21.62	06/14 21:30Z
East Mustang Creek at Louise, TX (LMCT2)	19.0	19.20	06/14 21:15Z
San Bernard River at Boling, TX (BOLT2)	18.0	23.88	06/13 11:15Z
San Bernard River at Old Ocean, TX (OCNT2)	7.0	10.11	06/14 19:45Z
Tres Palacios River at Midfield, TX (MTPT2)	24.0	29.39	06/13 05:15Z
Trinity River at Crockett, TX (CRKT2)	41.0	46.34	06/19 00:00Z
Trinity River at Liberty, TX (LBYT2)	26.0	29.00	06/27 20:30Z
Trinity River at Moss Bluff, TX (MBFT2)	12.2	14.71	06/27 17:15Z
Trinity River at Riverside, TX (RVRT2)	133.5	135.63	06/05 11:45Z
		137.84	06/22 15:45Z

Monthly Average Streamflow

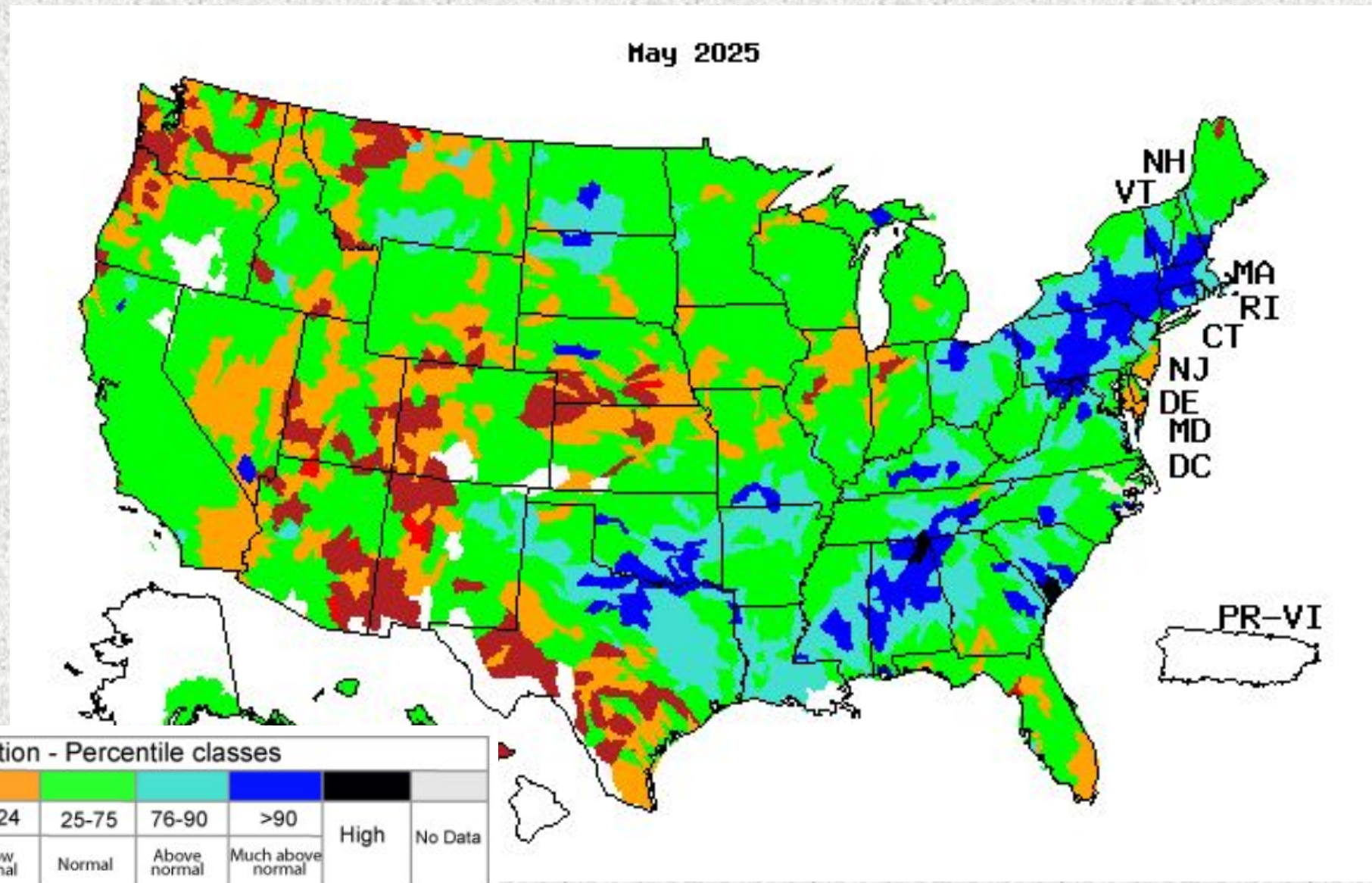
June 2025



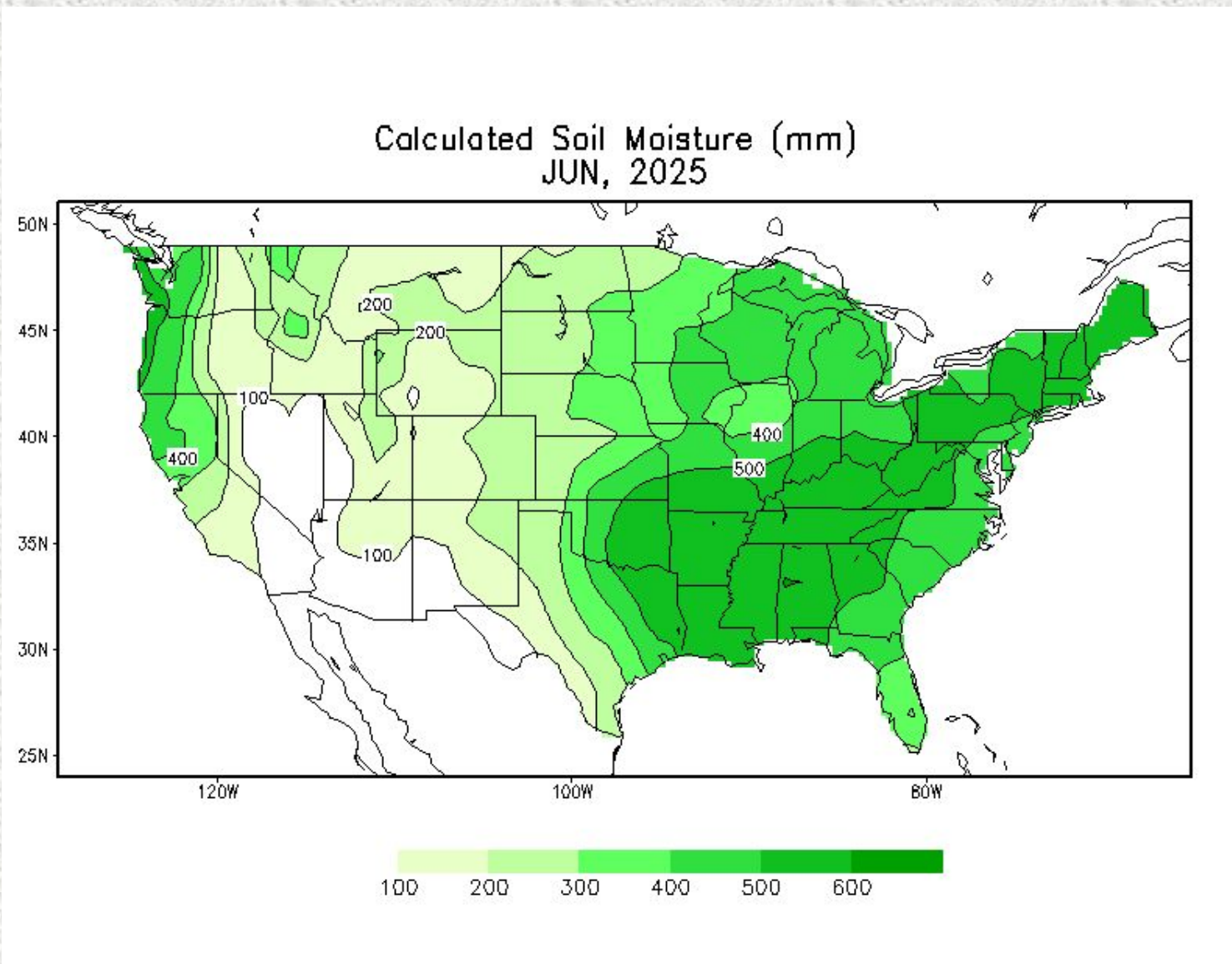
Explanation - Percentile classes

Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

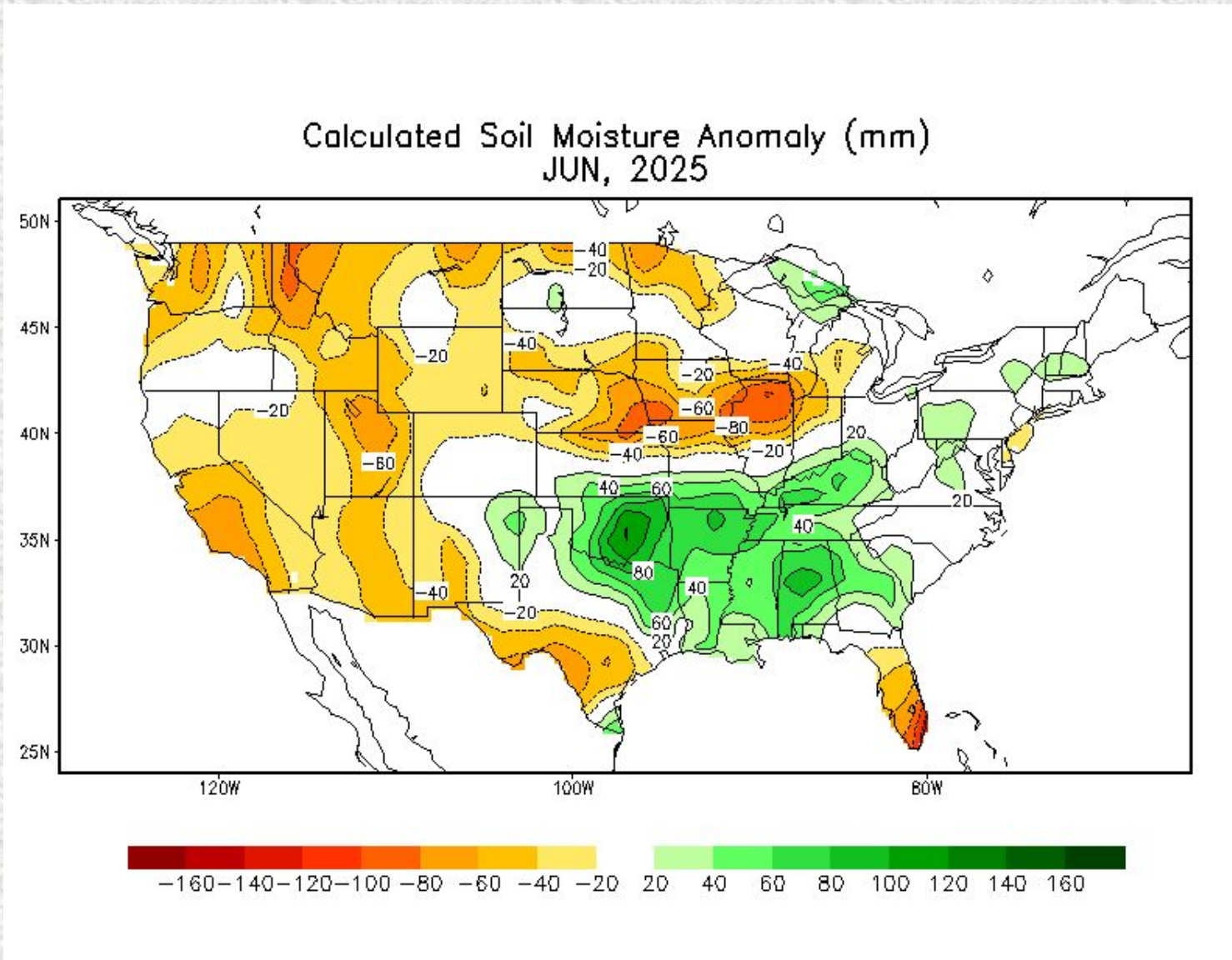
Previous Monthly Average Streamflow



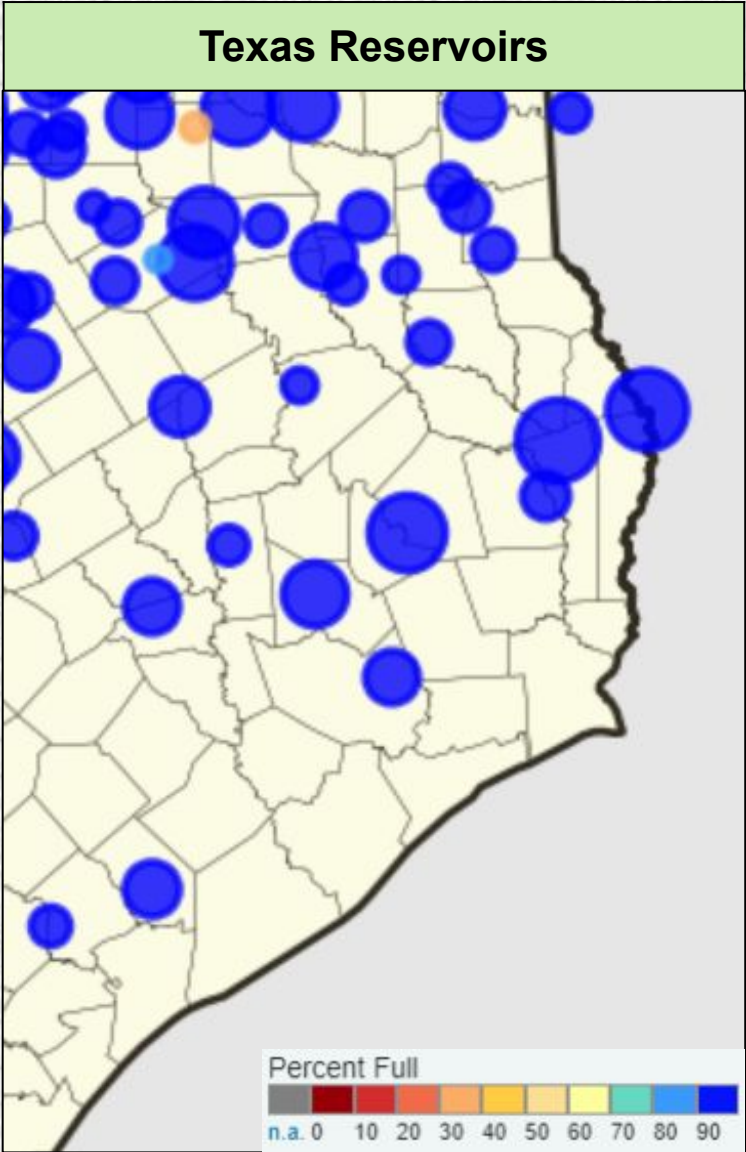
Soil Moisture



Soil Moisture Anomaly



Reservoir Status



Reservoir	Percent Full Conservation Storage
Houston County Lake	100.0%
Lake Livingston	100.0%
Lake Conroe	100.0%
Lake Houston	100.0%
Gibbons Creek Reservoir	99.0%
Lake Somerville	100.0%
Lake Texana	99.5%

Data added on: July 4, 2025 at 10:00 am CDT

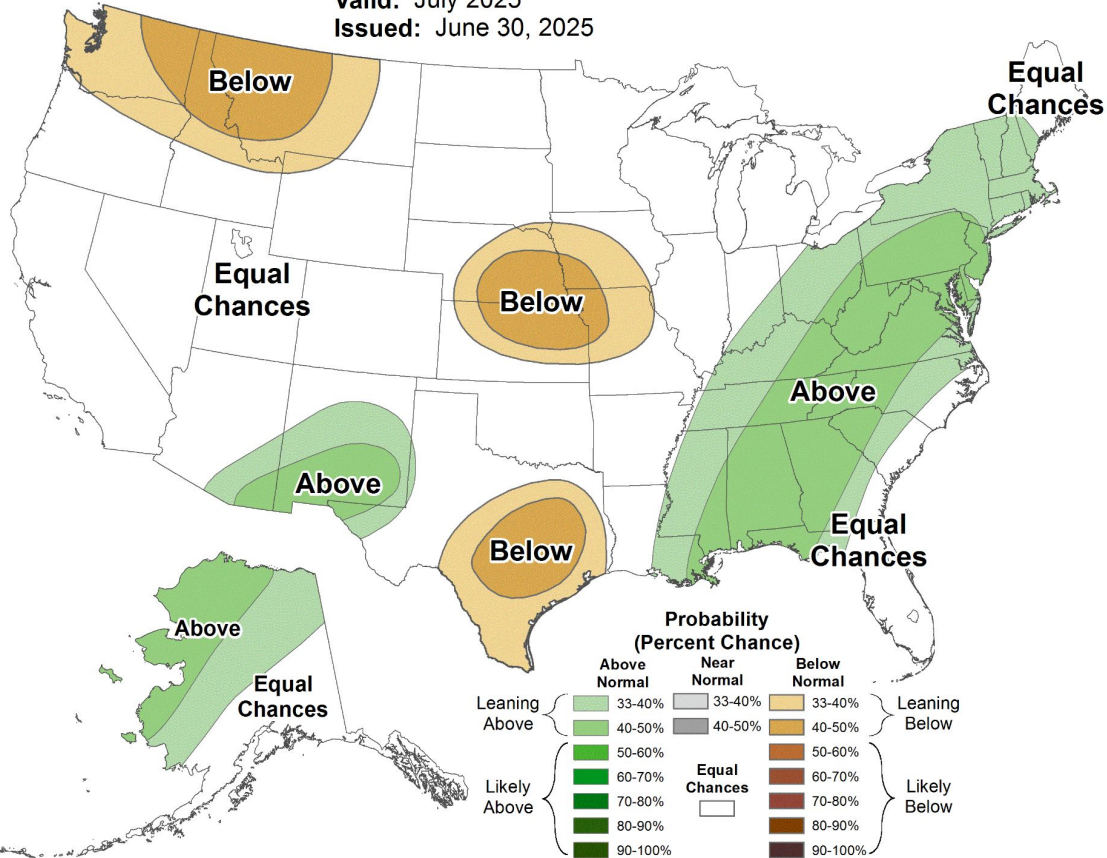
Precipitation Outlooks



Monthly Precipitation Outlook



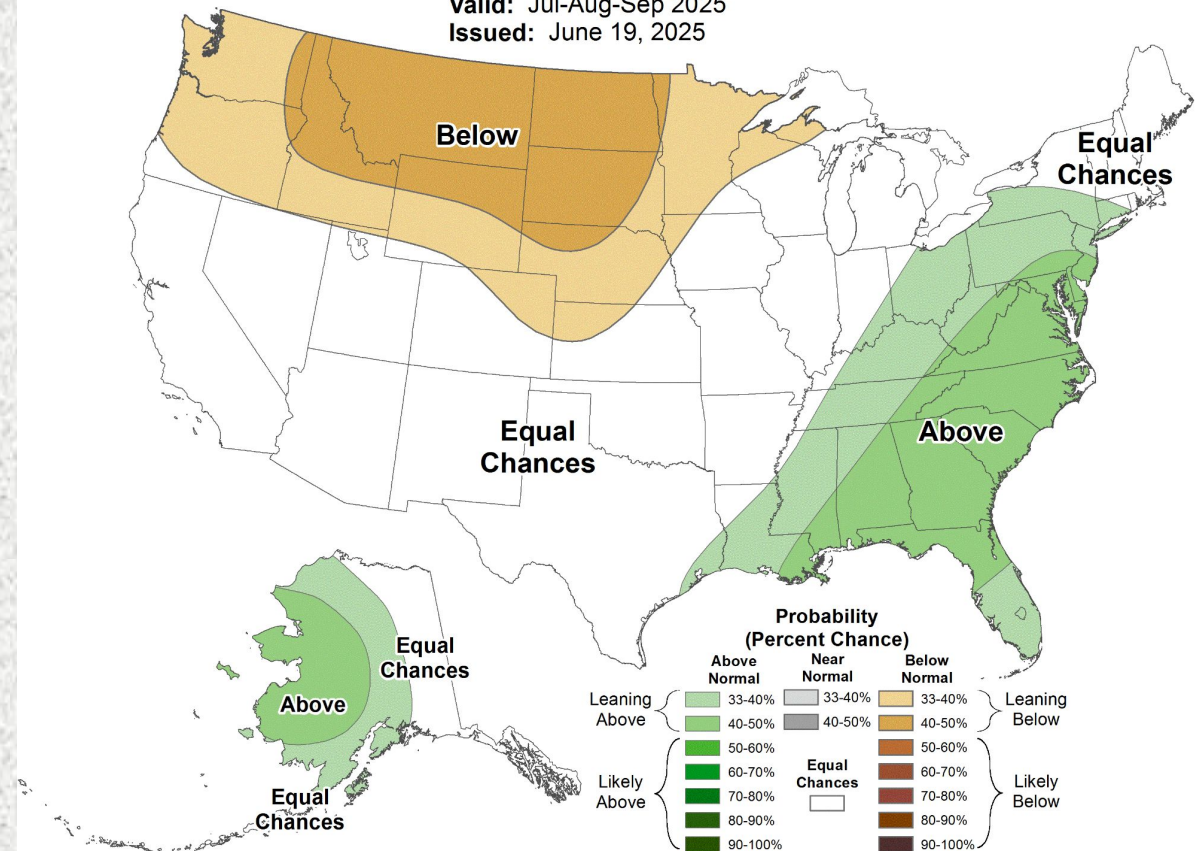
Valid: July 2025
Issued: June 30, 2025



Seasonal Precipitation Outlook



Valid: Jul-Aug-Sep 2025
Issued: June 19, 2025



Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	1 (ETN: 003)
Flash Flood Warning (FFW)	7 (ETN: 006-012)
Flash Flood Statement (FFS)	2
Areal Flood Warning	5 (ETN: 001-005)
River Flood Warnings (FLW)	9 (ETN: 011-019)
River Flood Statements	129
Flood Advisories (FLS)	35 (ETN: 043-077)
Probabilistic Hydrologic Outlook (ESF)	6