



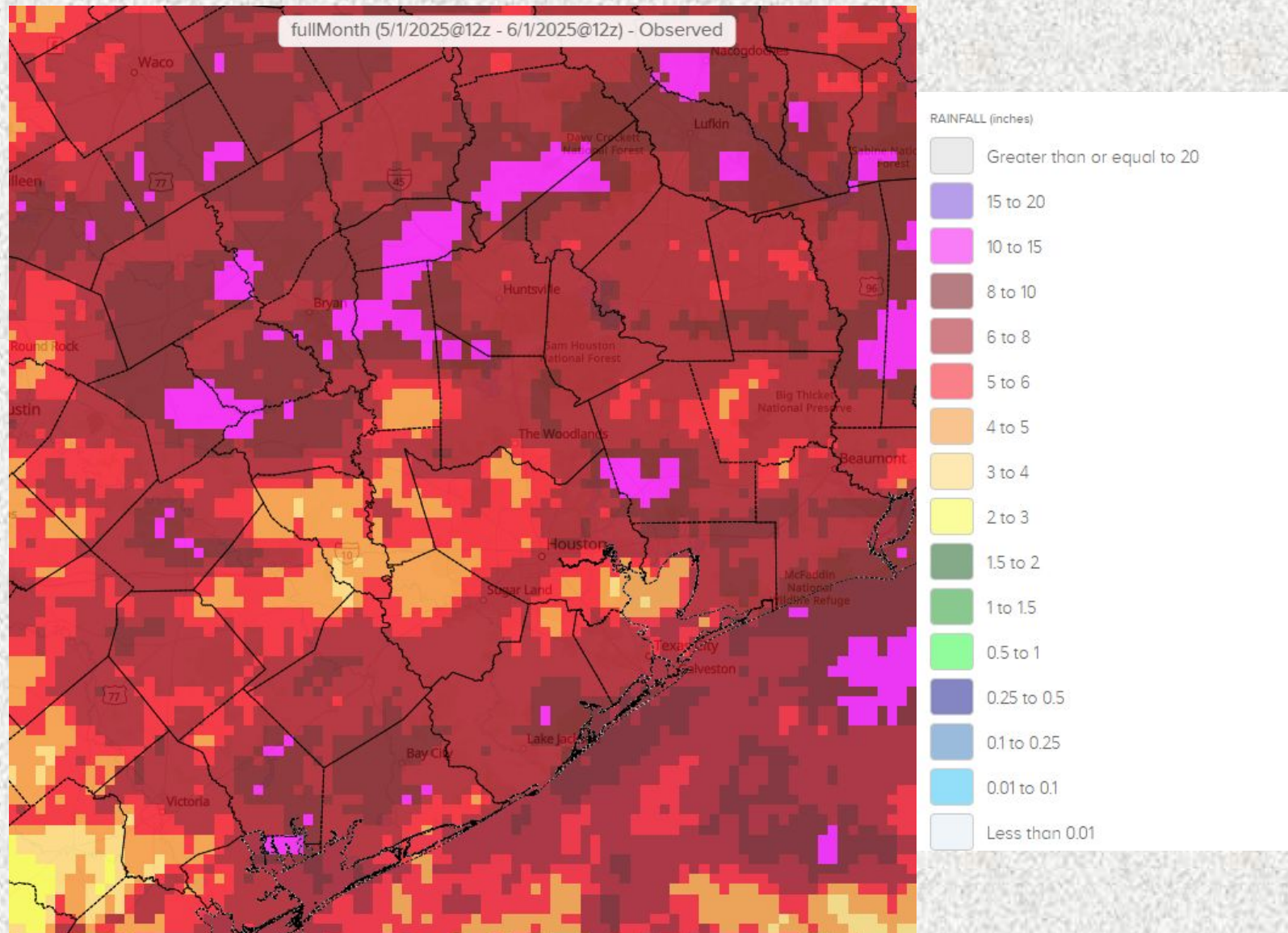
# NWS Houston/Galveston Monthly Hydrologic Report May 2025

**Produced by: Cameron Batiste**

**Date: 6/3/2025**

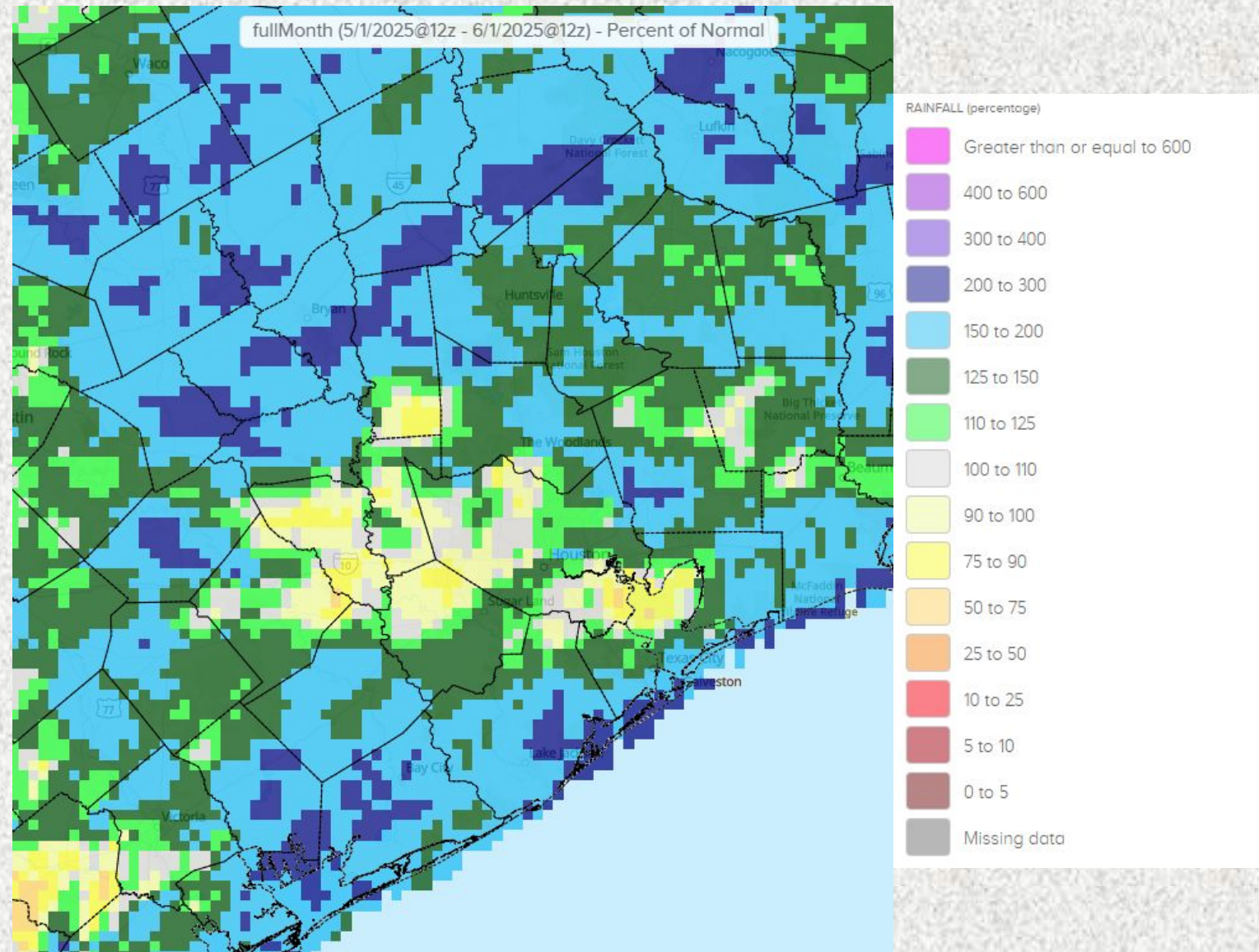
May was a fairly rainy month where most of Southeast Texas saw beneficial rainfall totals. Most of the area received 4-8" of rain over the month with some higher totals across parts of the Brazos Valley/Piney Woods. This led to a reduction in drought conditions for most of Southeast Texas with locations around Matagorda Bay being the only drought areas remaining at the end of the month.

# Monthly Precipitation



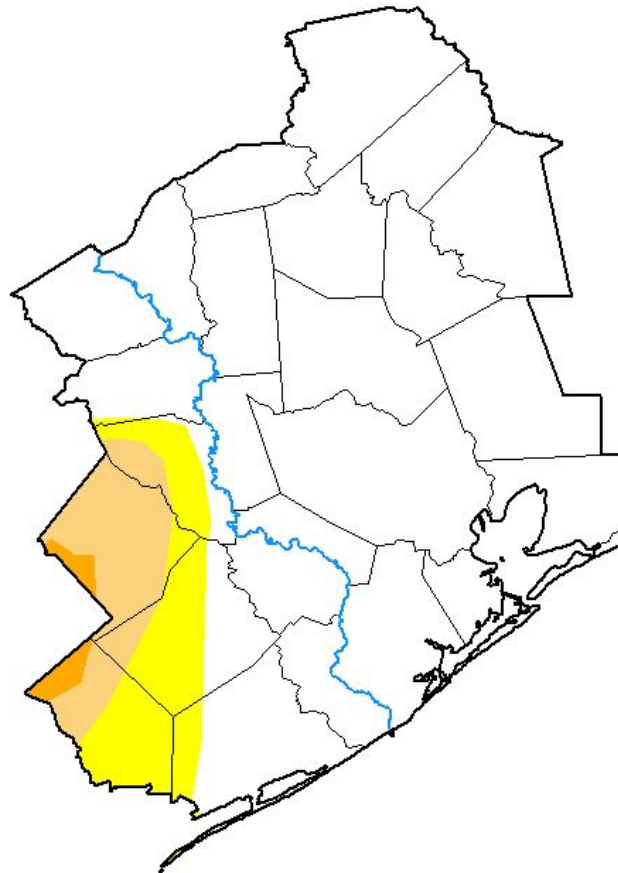


# Monthly Percent of Normal Precipitation



# U.S. Drought Monitor

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



May 27, 2025

(Released Thursday, May. 29, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	84.35	15.65	7.46	0.92	0.00	0.00
Last Week 05-20-2025	66.39	33.61	14.70	1.13	0.00	0.00
3 Months Ago 02-25-2025	61.02	38.98	19.76	2.11	0.00	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 05-28-2024	90.93	9.07	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:

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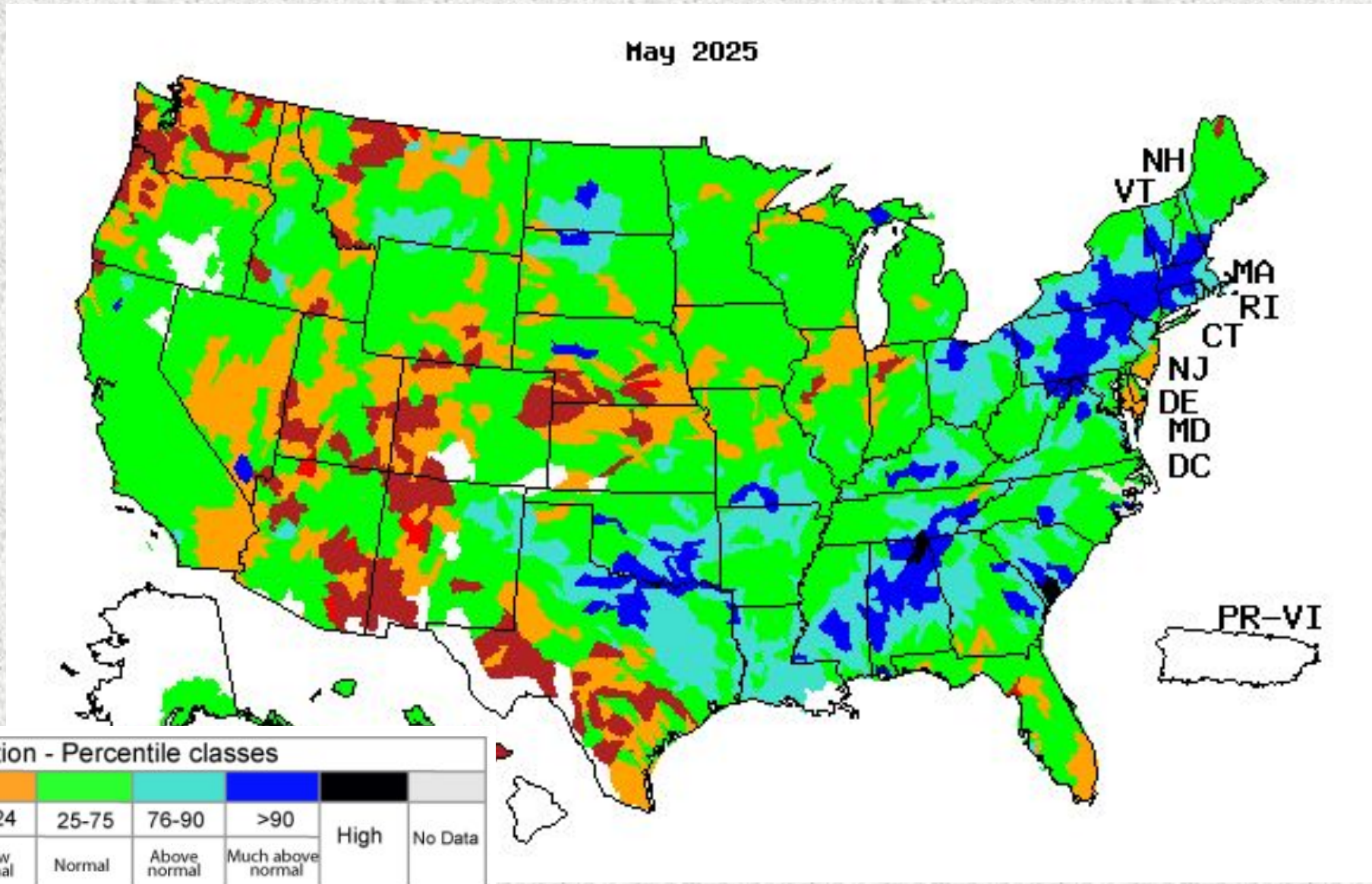
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# River Flooding

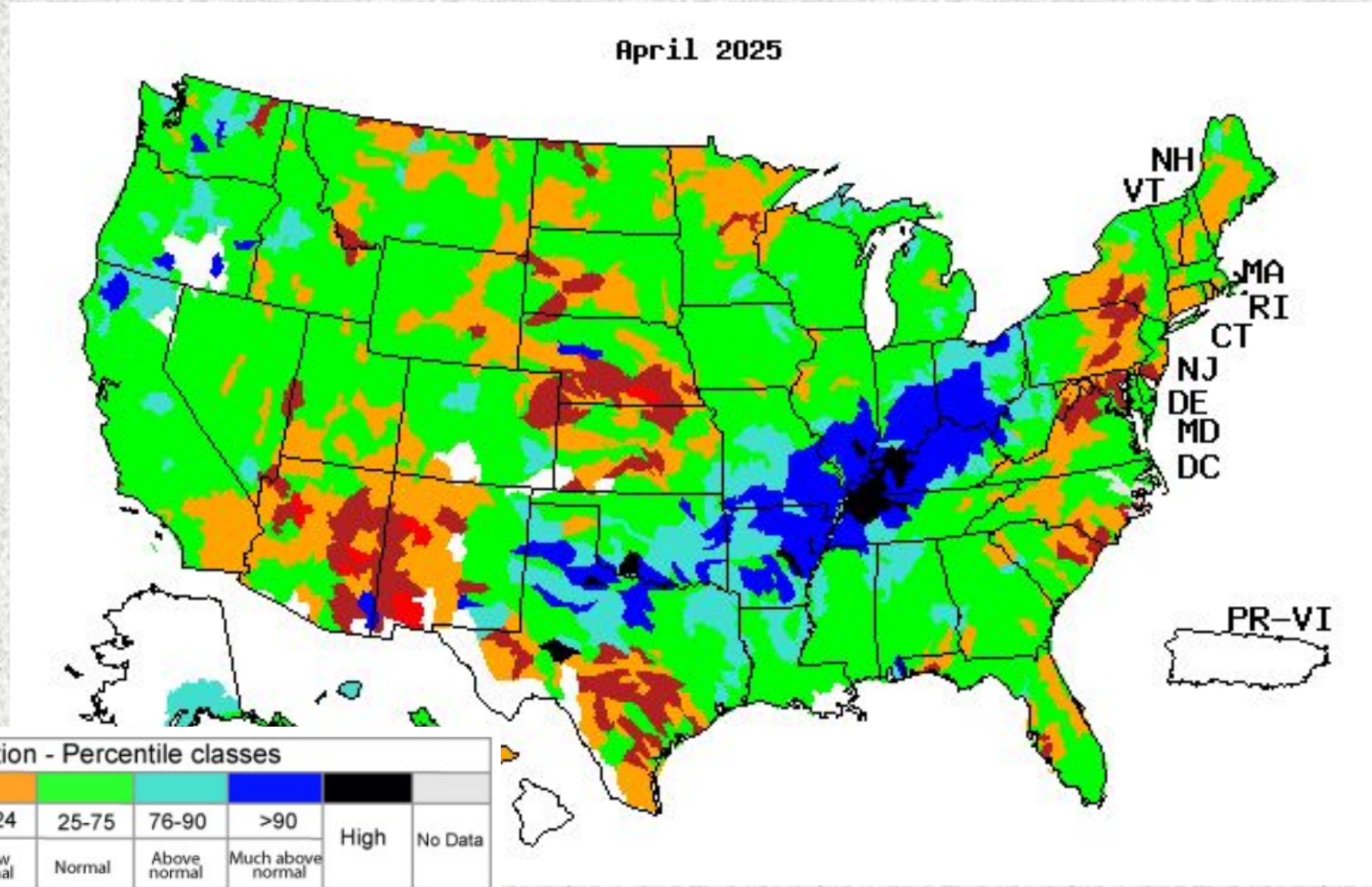
River and Station	Flood Stage (feet)	Crest Stage (feet)	Crest Date
Navasota River at Normangee, TX (NGET2)	15.0	15.28	05/11 11:15Z
		16.09	06/01 09:15Z
Bedias Creek at Madisonville, TX (MDST2)	19.0	19.83	05/07 16:30Z
Trinity River at Liberty, TX (LBYT2)	26.0	28.08	05/15 16:30Z
Trinity River at Moss Bluff, TX (MBFT2)	12.2	14.34	05/16 12:15Z
Trinity River at Riverside, TX (RVRT2)	133.5	133.51	05/05 06:00Z
		136.16	05/09 15:15Z
		133.53	05/30 01:30Z
		135.63	06/05 11:45Z



# Monthly Average Streamflow

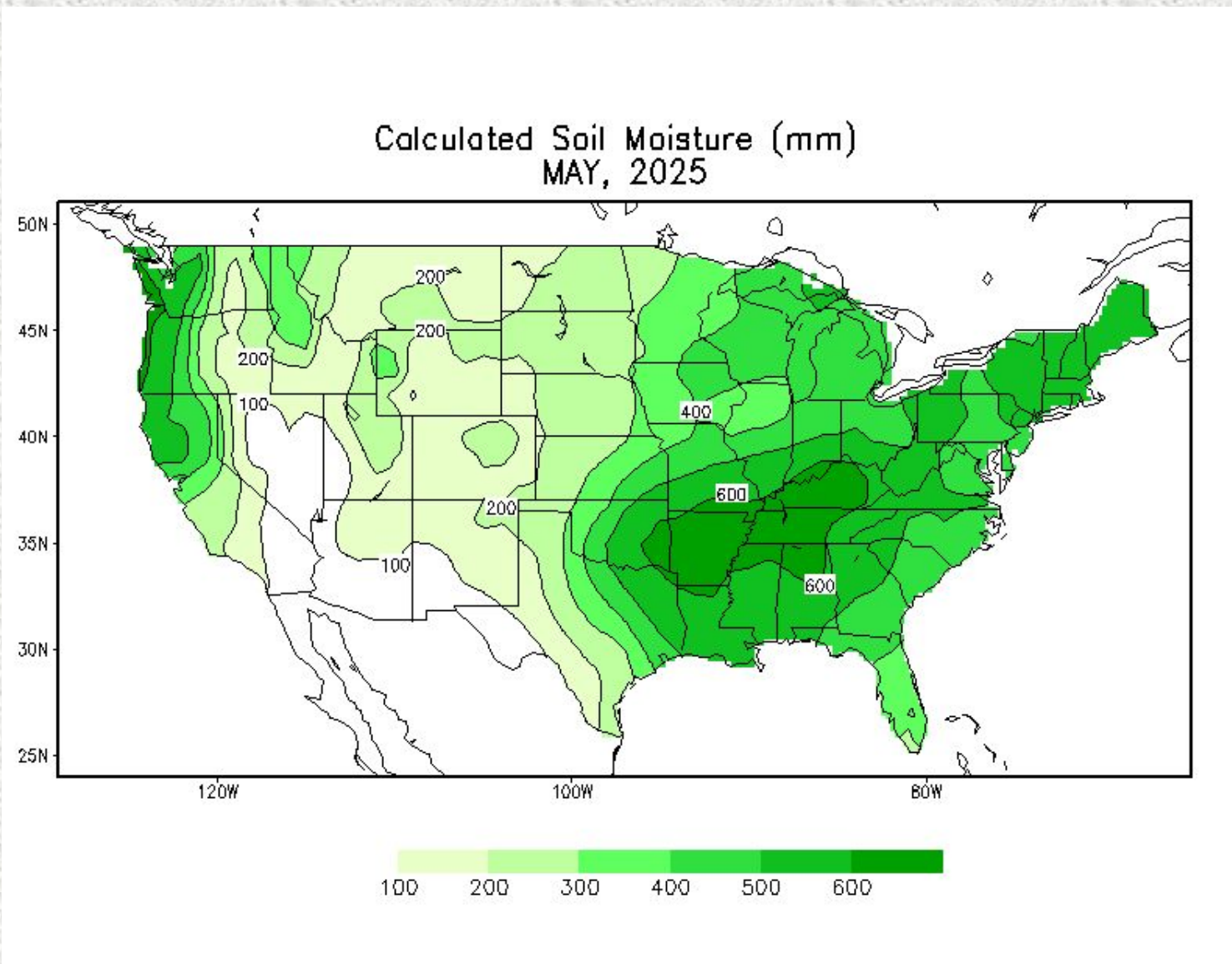


# Previous Monthly Average Streamflow



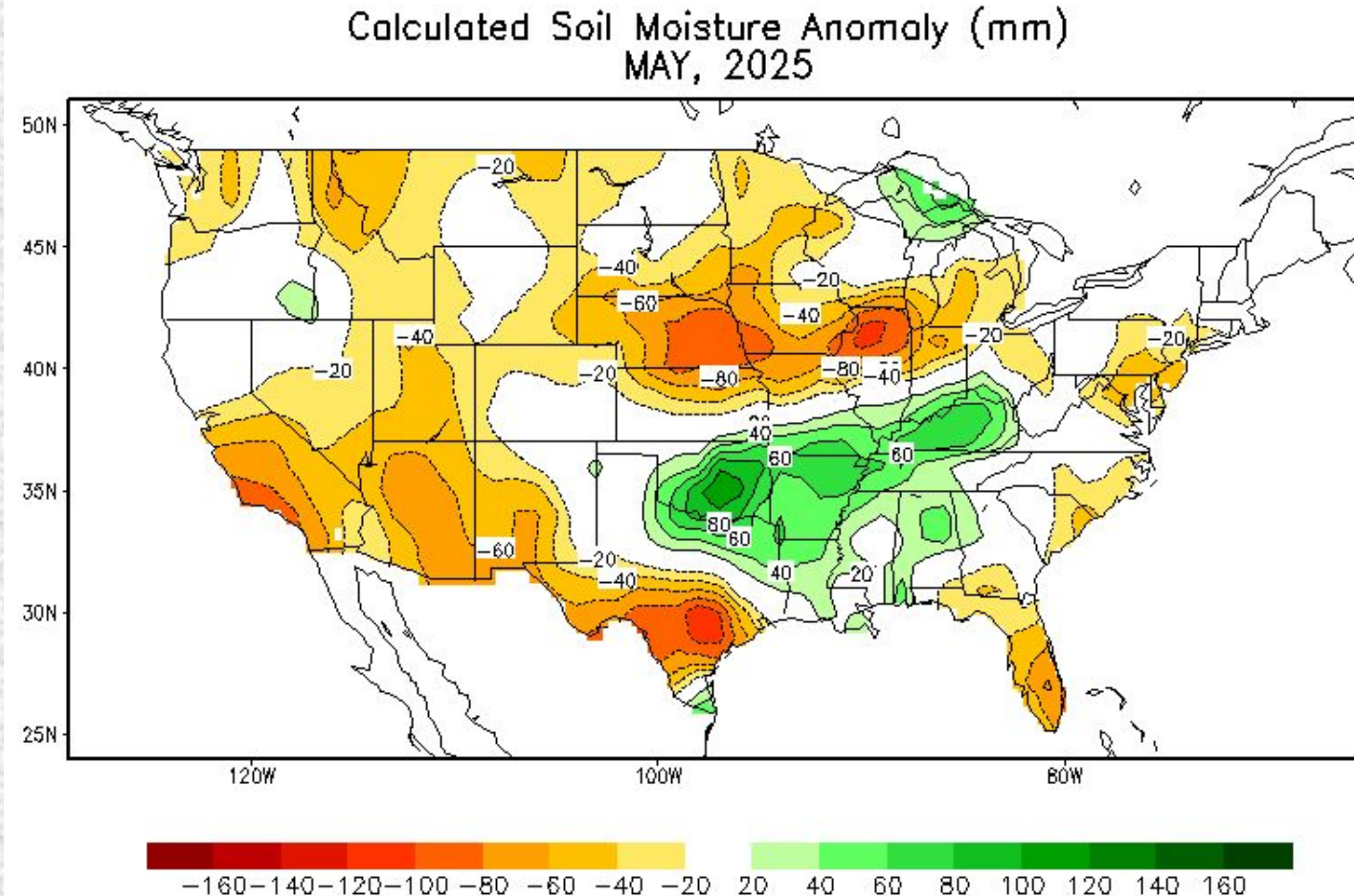


# Soil Moisture

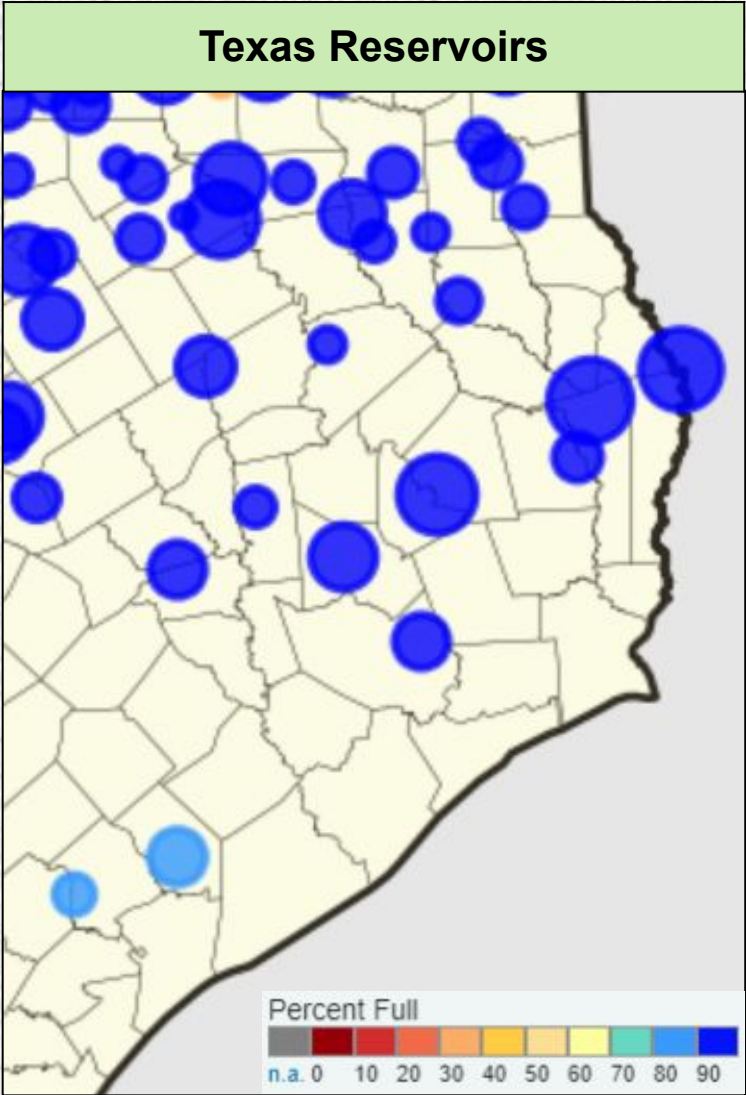




# Soil Moisture Anomaly



# Reservoir Status



Reservoir	Percent Full Conservation Storage
Houston County Lake	100.0%
Lake Livingston	100.0%
Lake Conroe	99.9%
Lake Houston	100.0%
Gibbons Creek Reservoir	100.0%
Lake Somerville	100.0%
Lake Texana	83.6%

*Data added on: June 3, 2025 at 8:00 pm CDT*



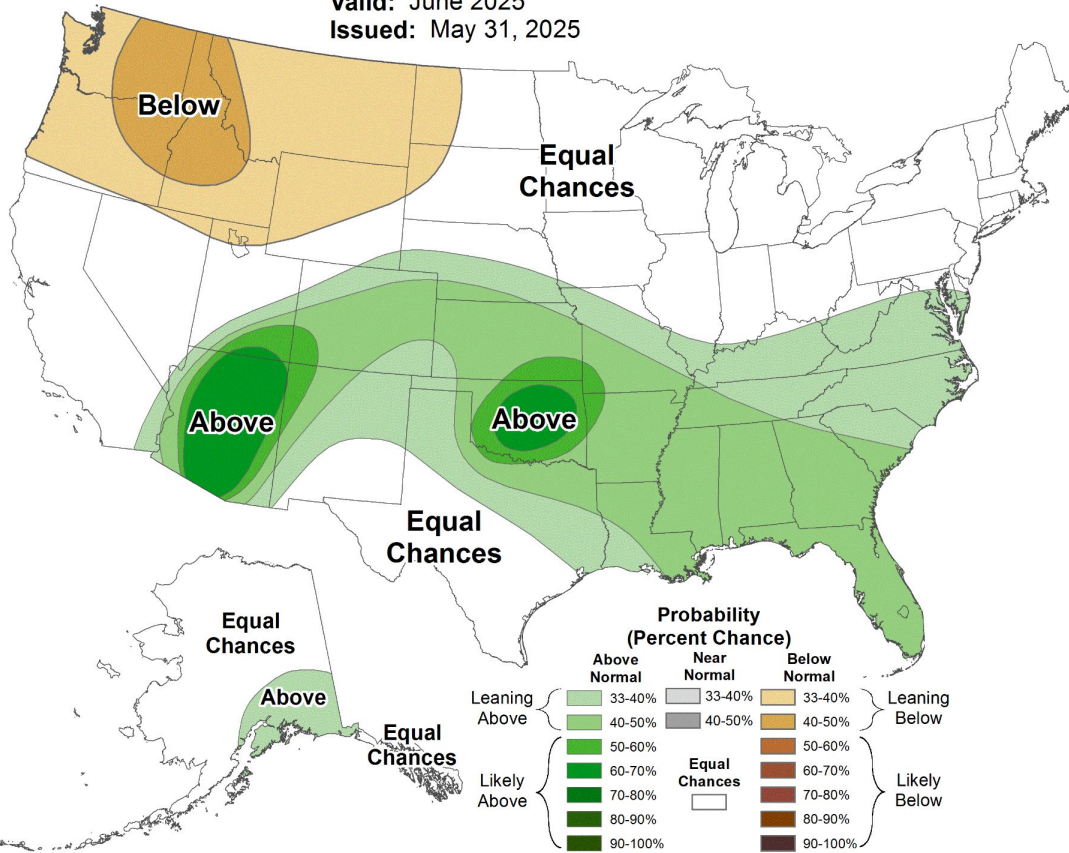
# Precipitation Outlooks



## Monthly Precipitation Outlook



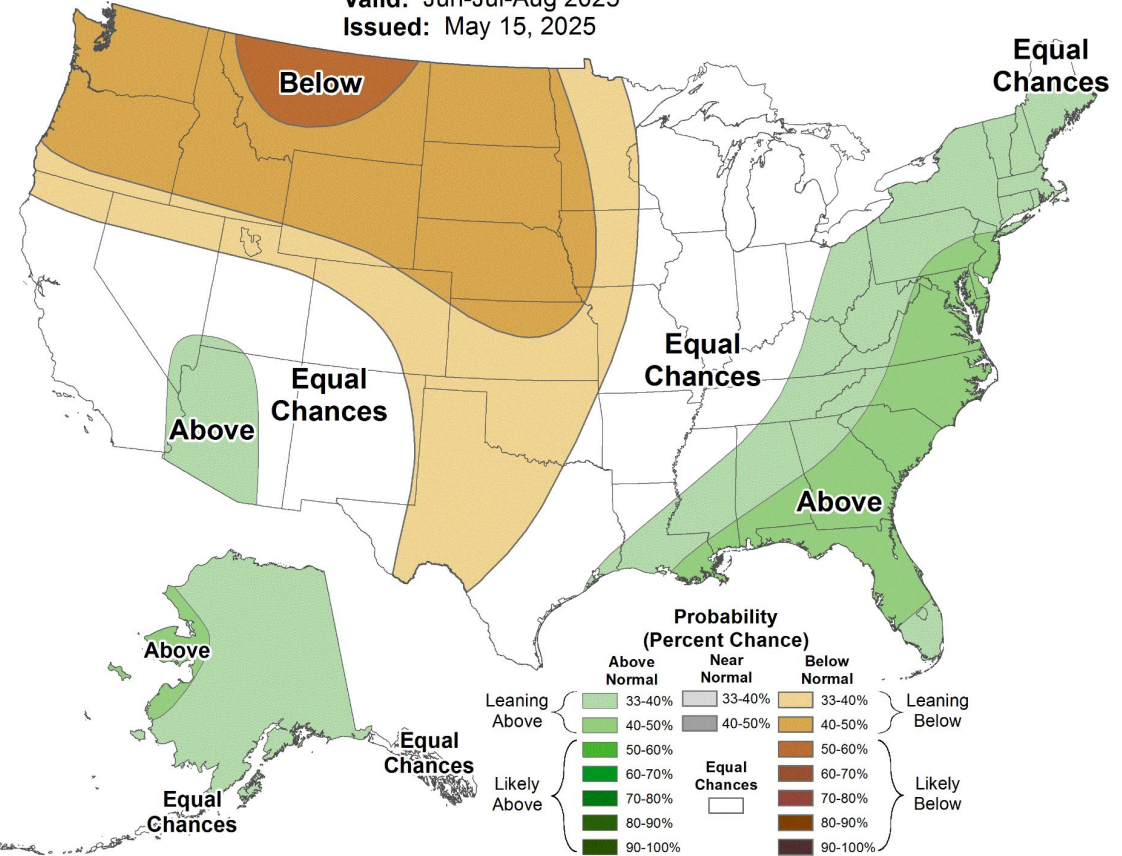
Valid: June 2025  
Issued: May 31, 2025



## Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2025  
Issued: May 15, 2025



# Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	1 (ETN: 002)
Flash Flood Warning (FFW)	4 (ETN: 002-005)
Flash Flood Statement (FFS)	3
Areal Flood Warning	0
River Flood Warnings (FLW)	9 (ETN: 002-010)
River Flood Statements	61
Flood Advisories (FLS)	22 (ETN: 021-042)
Probabilistic Hydrologic Outlook (ESF)	6