



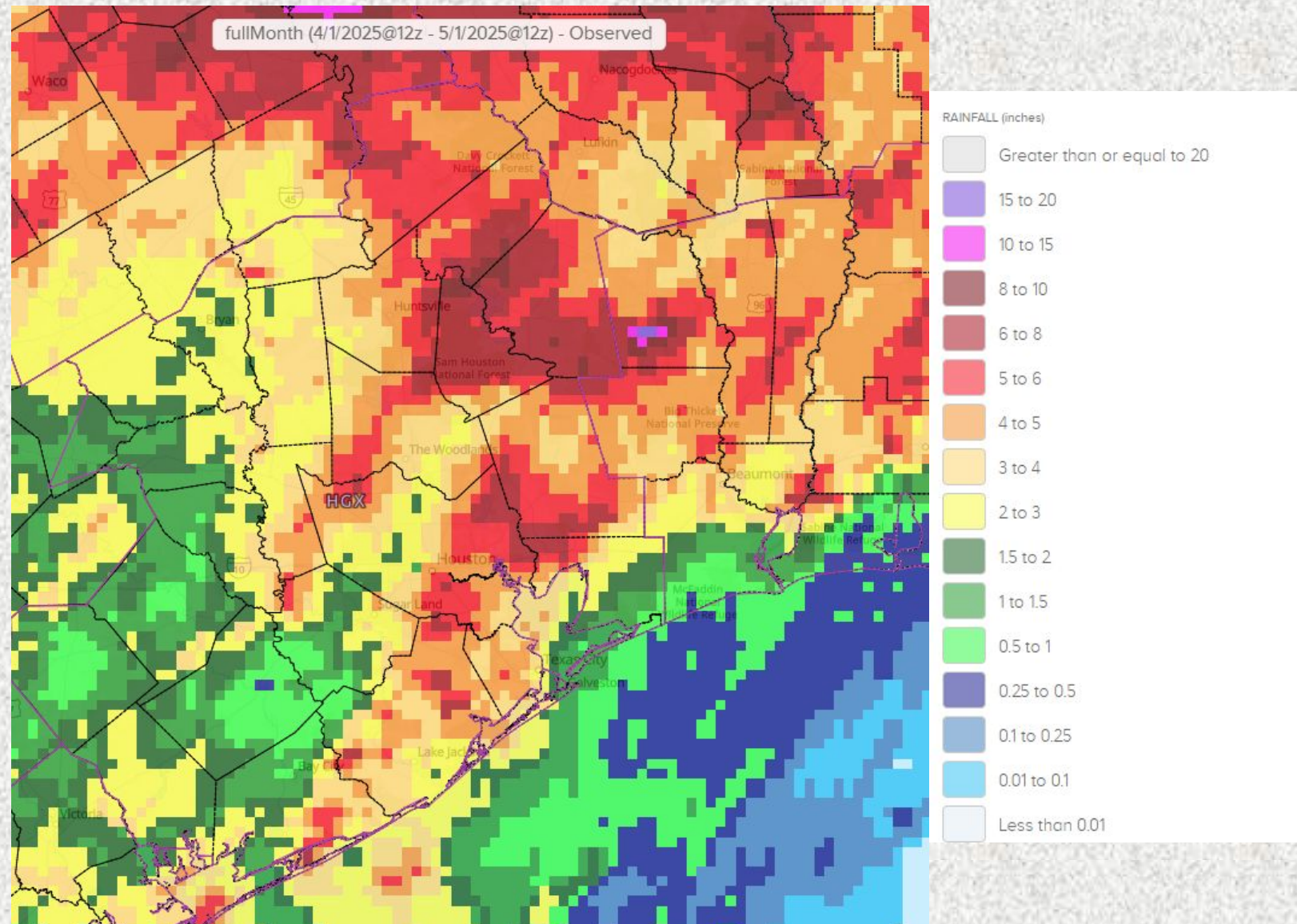
NWS Houston/Galveston Monthly Hydrologic Report April 2025

Produced by: Cameron Batiste

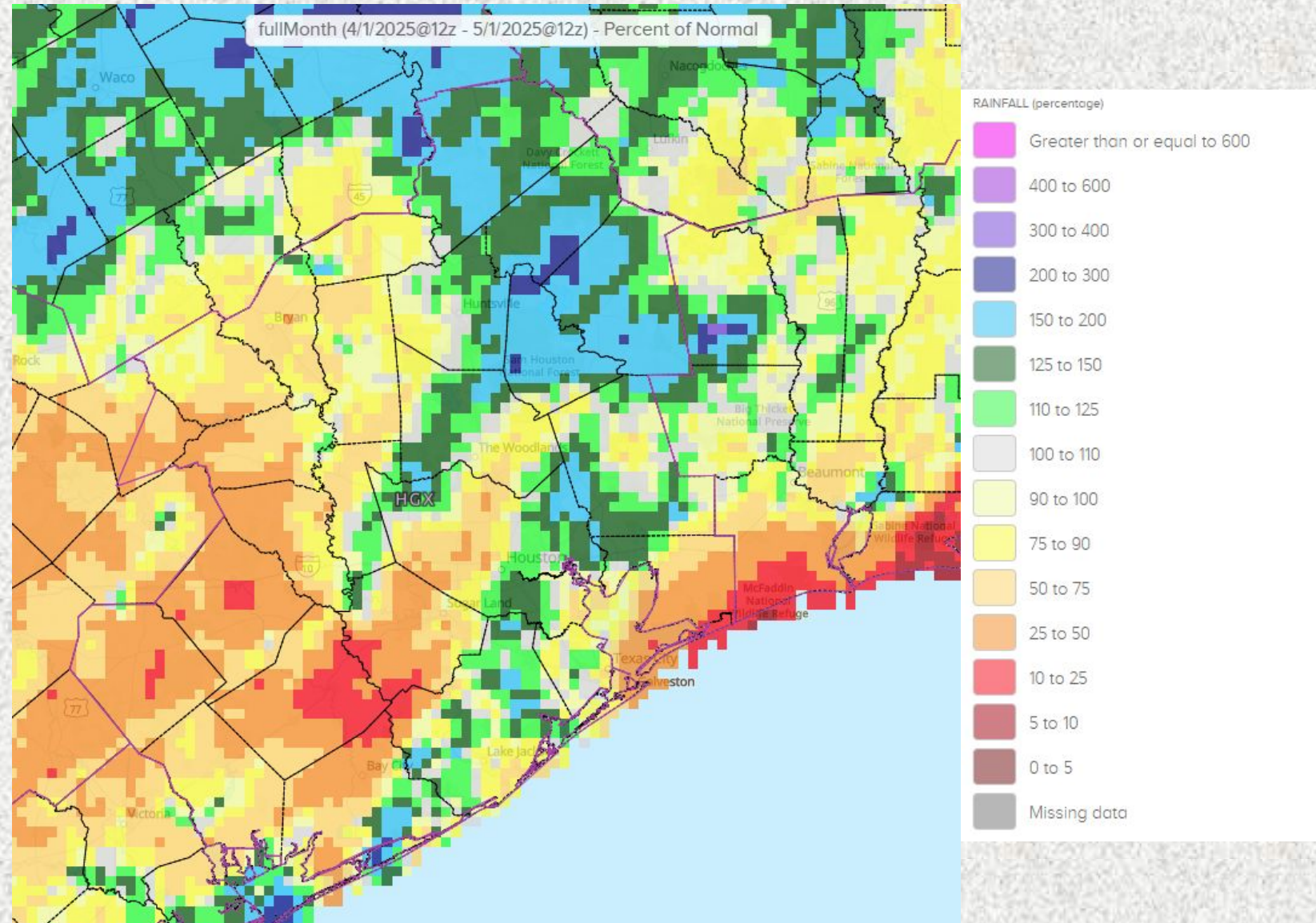
Date: 5/7/2025

April became very active towards the end of the month with multiple rounds of heavy rain leading to minor instances of flooding especially in portions of the Piney Woods and locations east of I-45. As a result of the bulk of the rainfall being over the eastern half of Southeast Texas, the western half remained in moderate to severe drought.

Monthly Precipitation

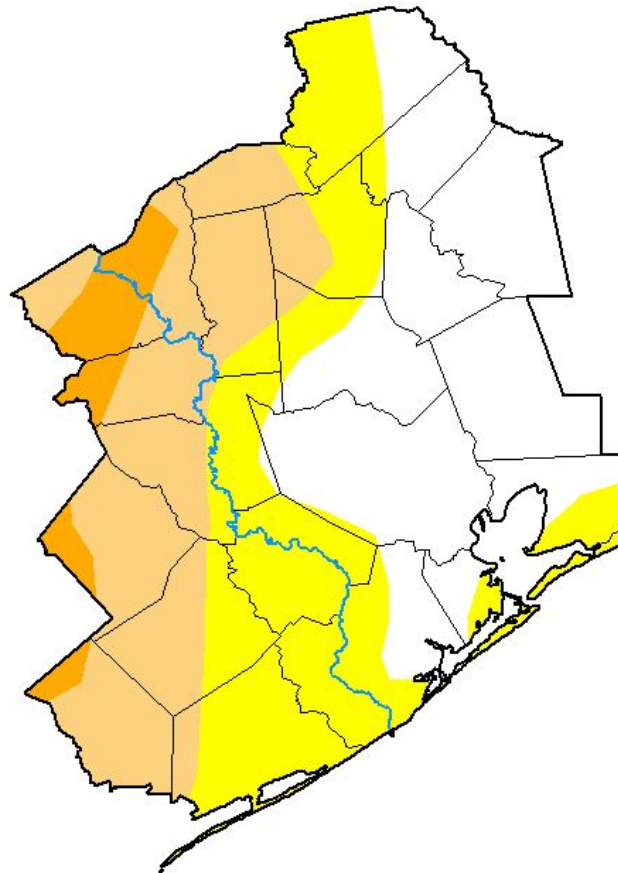


Monthly Percent of Normal Precipitation



U.S. Drought Monitor

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



April 29, 2025

(Released Thursday, May. 1, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	37.37	62.63	32.26	5.25	0.00	0.00
Last Week 04-22-2025	28.90	71.10	37.56	12.11	0.01	0.00
3 Months Ago 01-28-2025	68.88	31.12	18.15	0.00	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 04-30-2024	98.50	1.50	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>*

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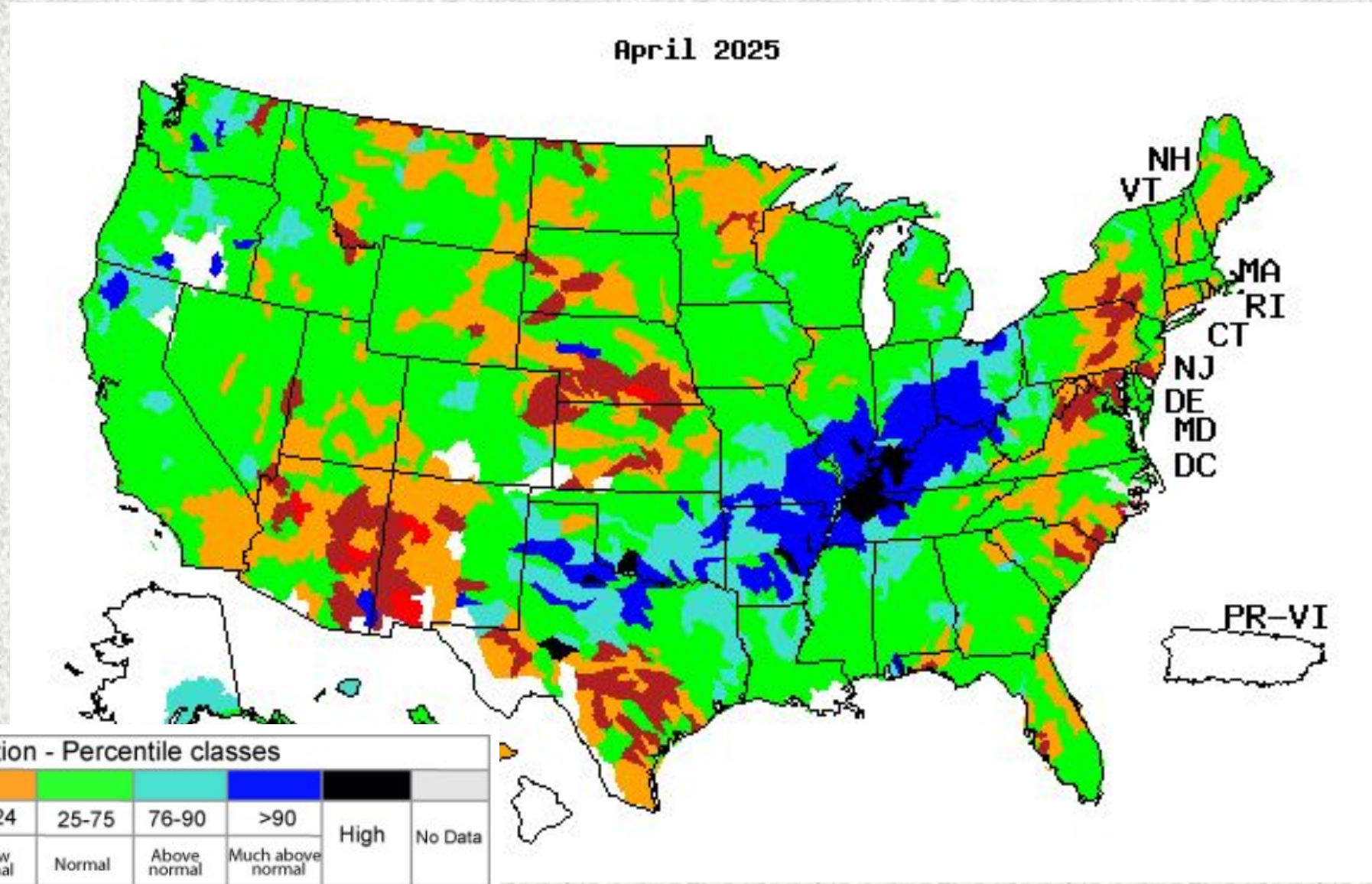


droughtmonitor.unl.edu

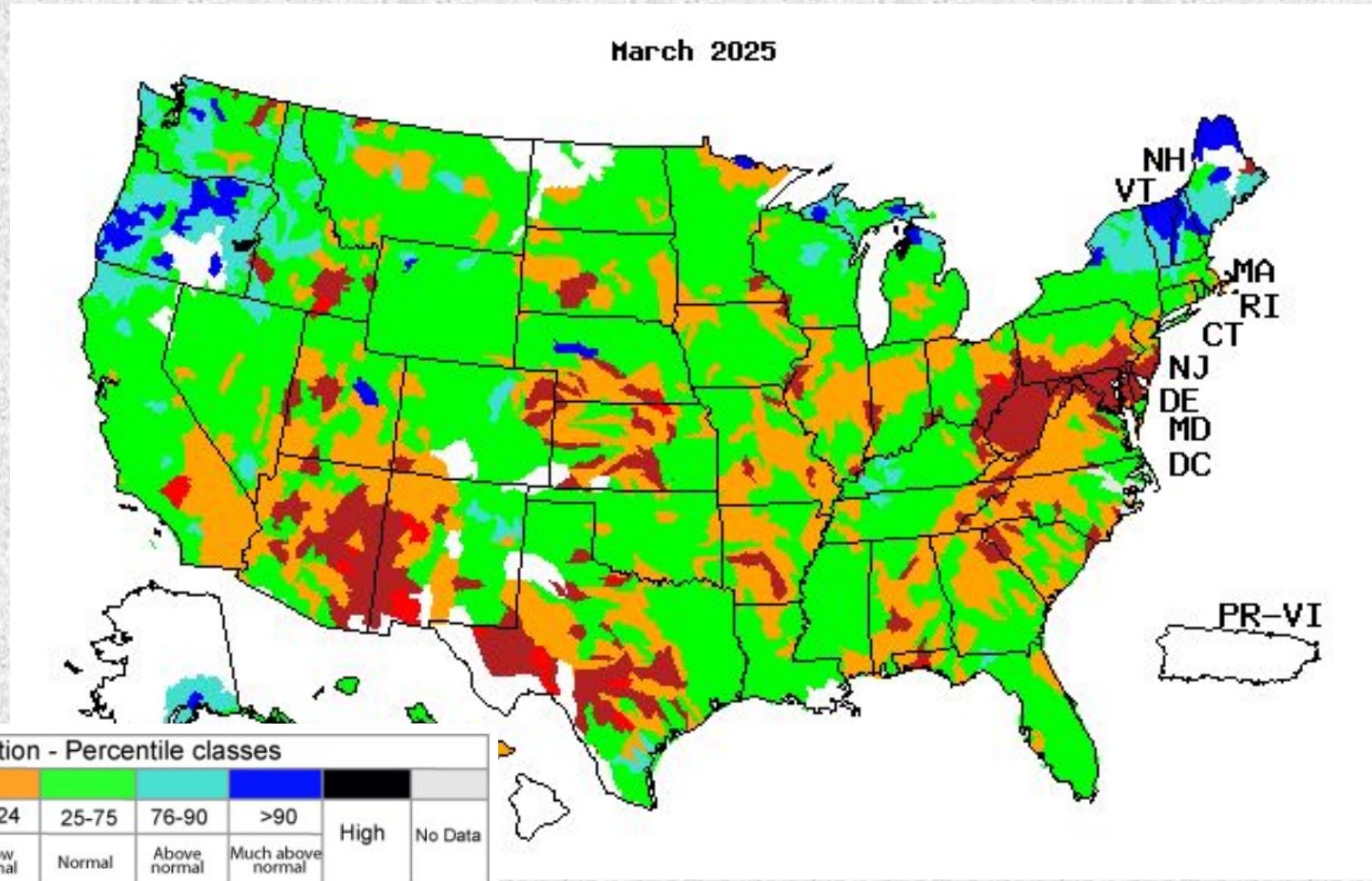
River Flooding

River and Station	Flood Stage (feet)	Crest Stage (feet)	Crest Date
Menard Creek at Rye, TX (RYET2)	20.0	21.73	04/21 22:15Z
		20.25	04/23 14:00Z

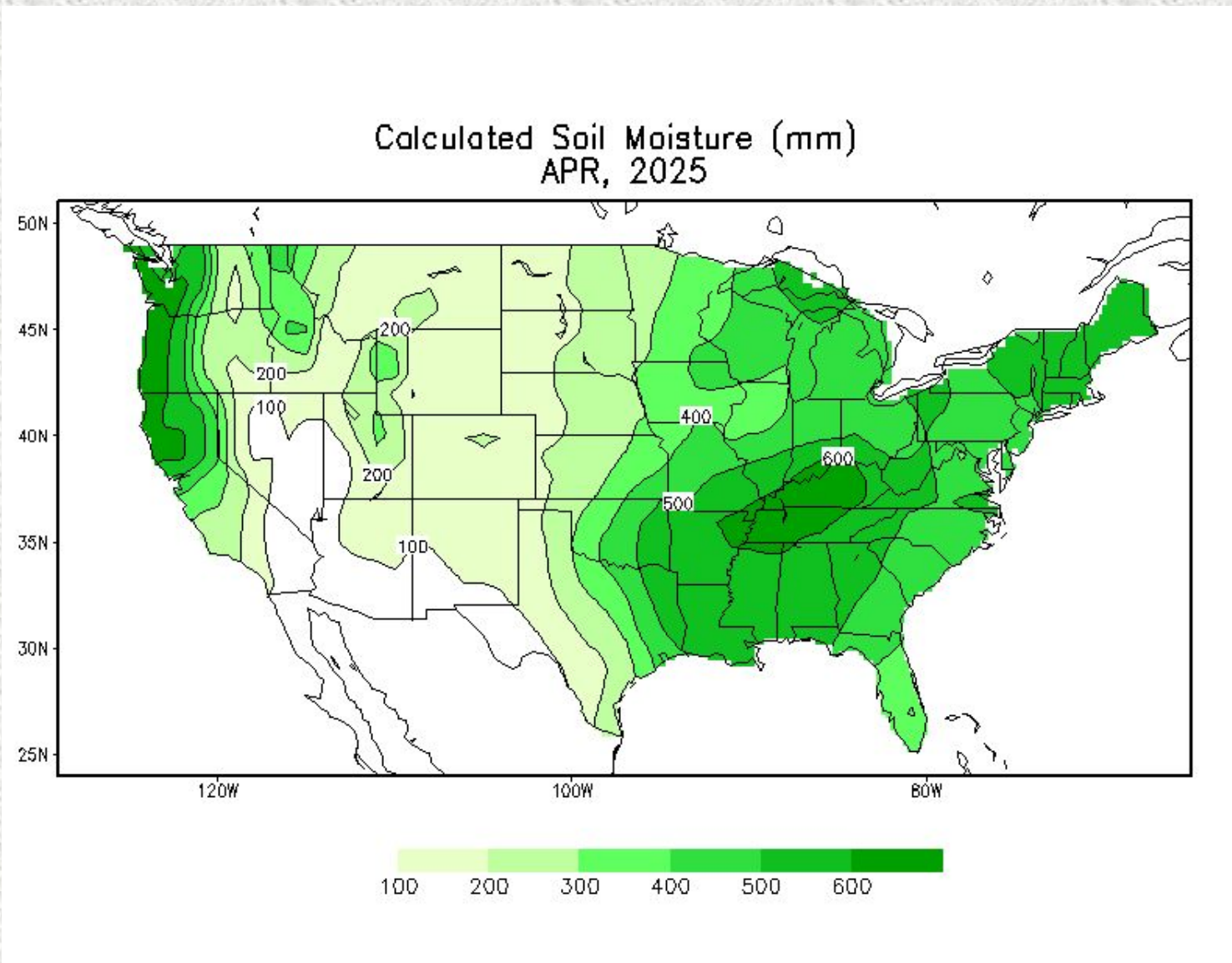
Monthly Average Streamflow



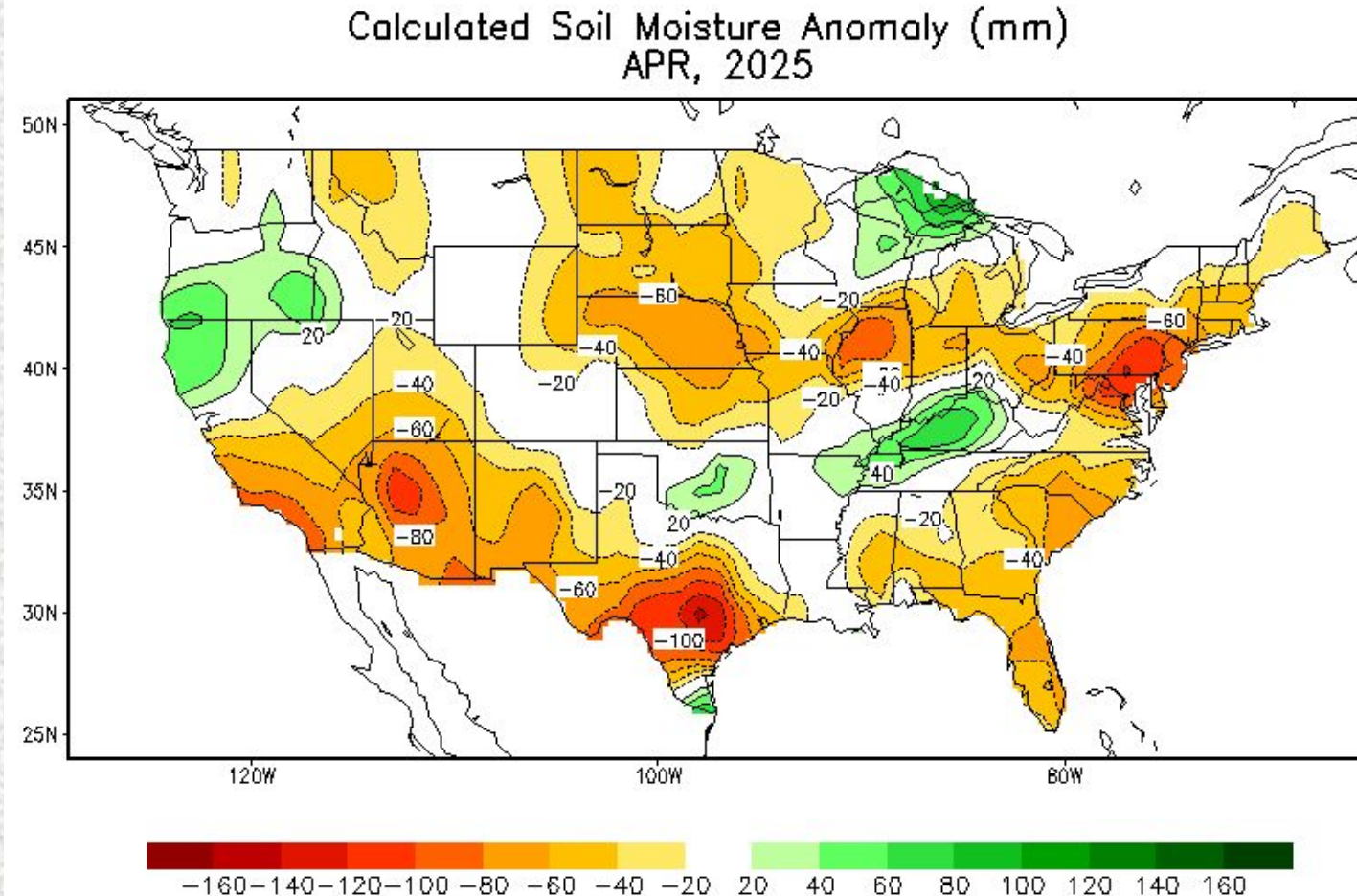
Previous Monthly Average Streamflow



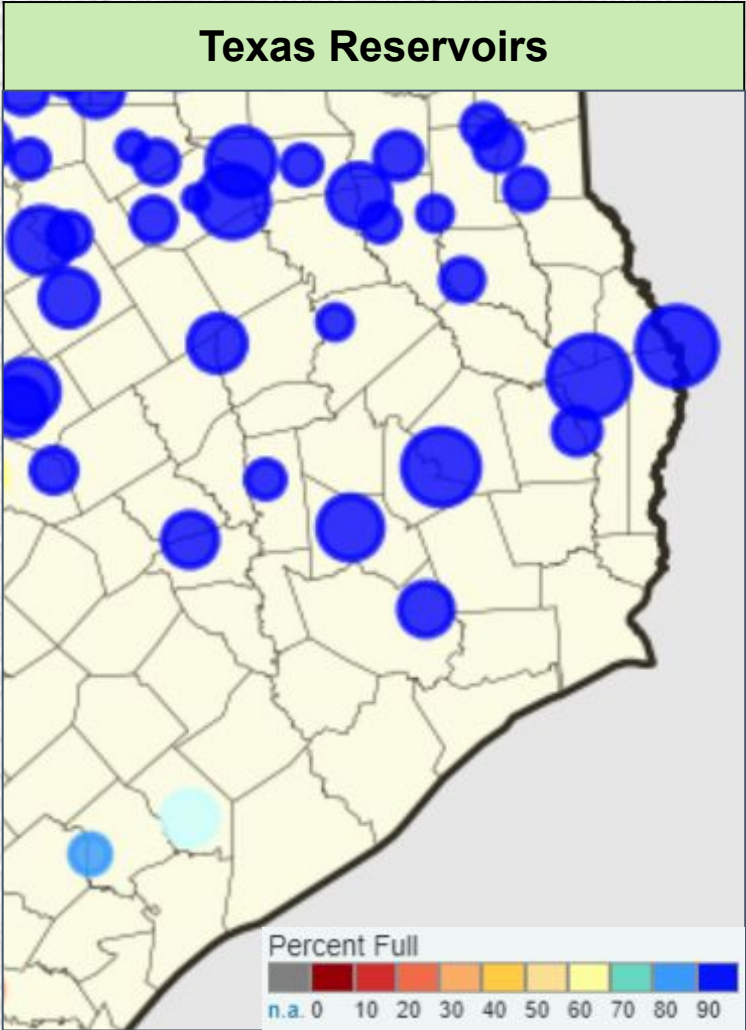
Soil Moisture



Soil Moisture Anomaly



Reservoir Status



Reservoir	Percent Full Conservation Storage
Houston County Lake	100.0%
Lake Livingston	100.0%
Lake Conroe	100.0%
Lake Houston	99.9%
Gibbons Creek Reservoir	100.0%
Lake Somerville	96.8%
Lake Texana	75.7%

Data added on: May 7, 2025 at 6:30 pm CDT

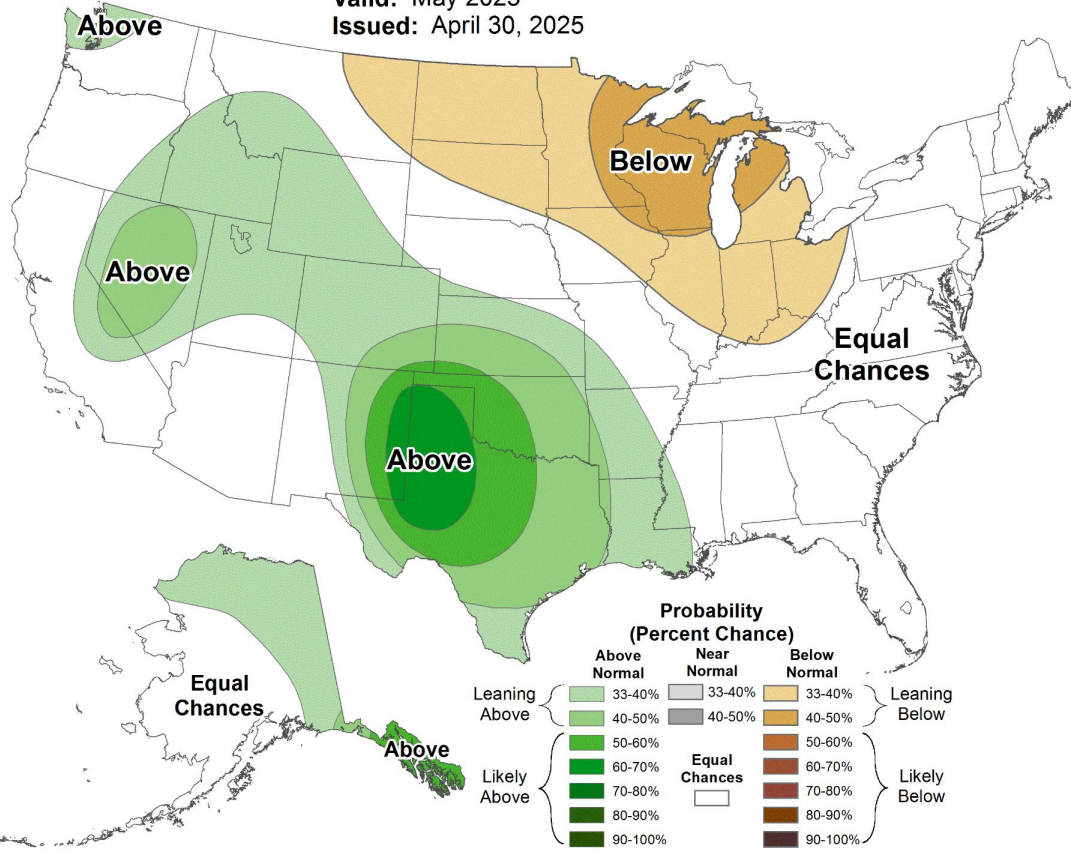
Precipitation Outlooks



Monthly Precipitation Outlook



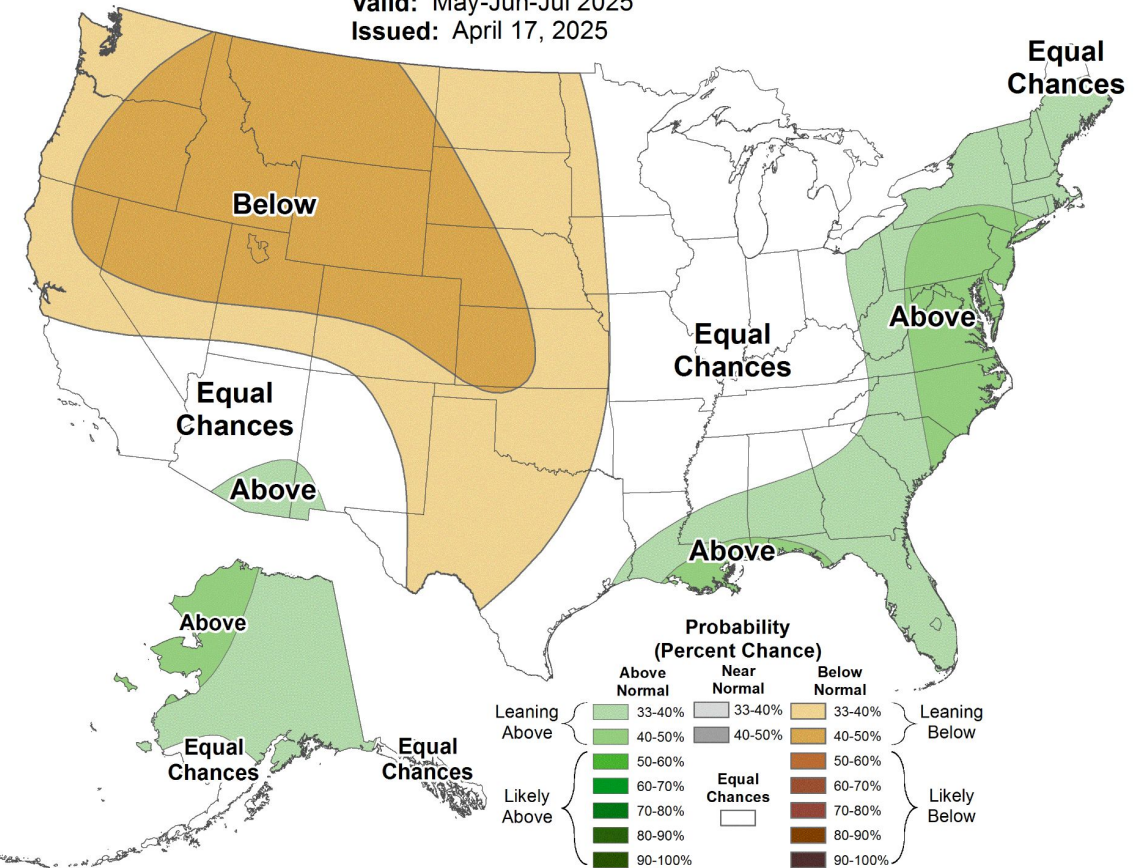
Valid: May 2025
Issued: April 30, 2025



Seasonal Precipitation Outlook



Valid: May-Jun-Jul 2025
Issued: April 17, 2025



Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	0
Flash Flood Warning (FFW)	1 (ETN: 001)
Flash Flood Statement (FFS)	1
Areal Flood Warning	0
River Flood Warnings (FLW)	1 (ETN: 001)
River Flood Statements	5
Flood Advisories (FLS)	11 (ETN: 010-020)
Probabilistic Hydrologic Outlook (ESF)	6