

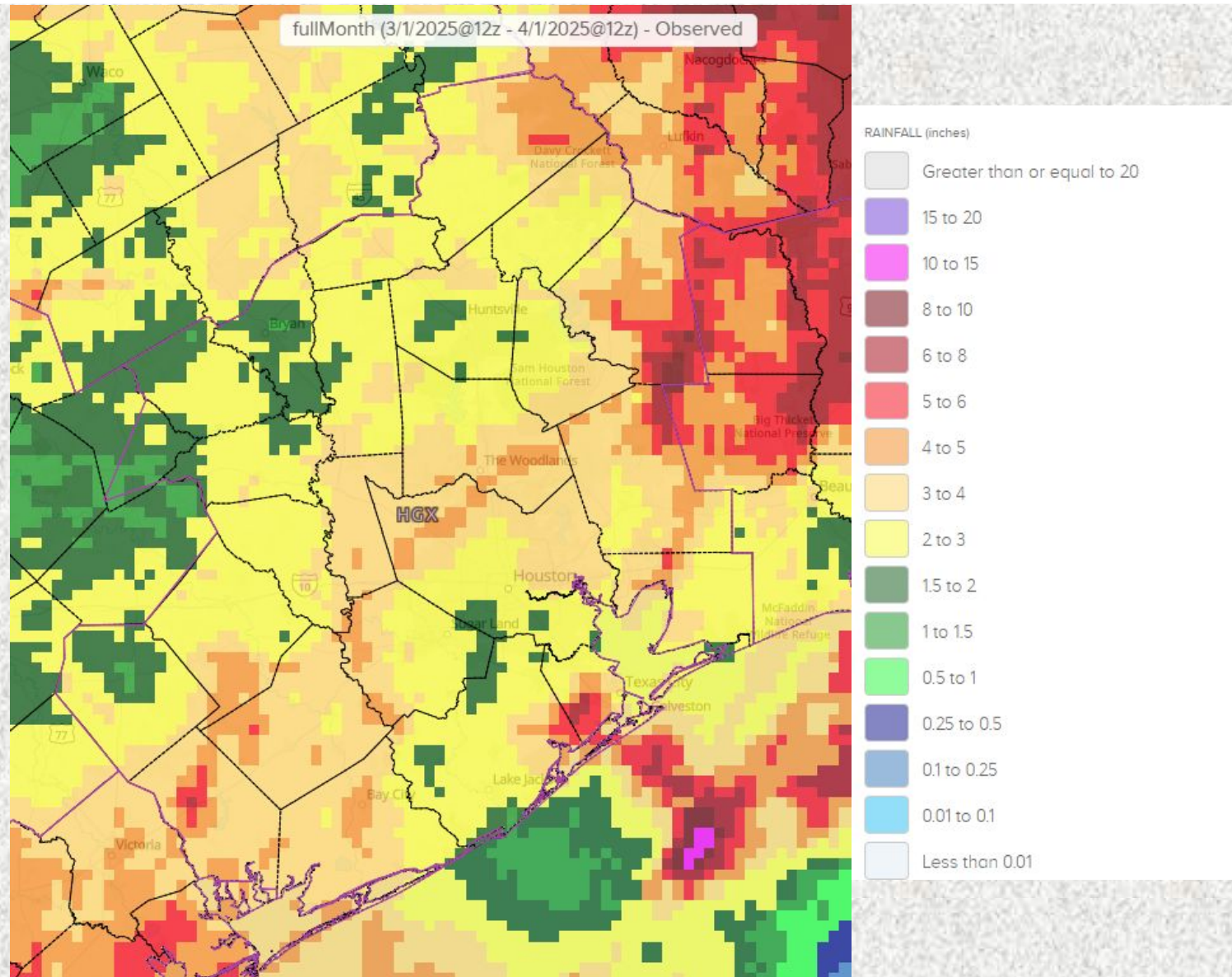
NWS Houston/Galveston Monthly Hydrologic Report March 2025

Produced by: Cameron Batiste

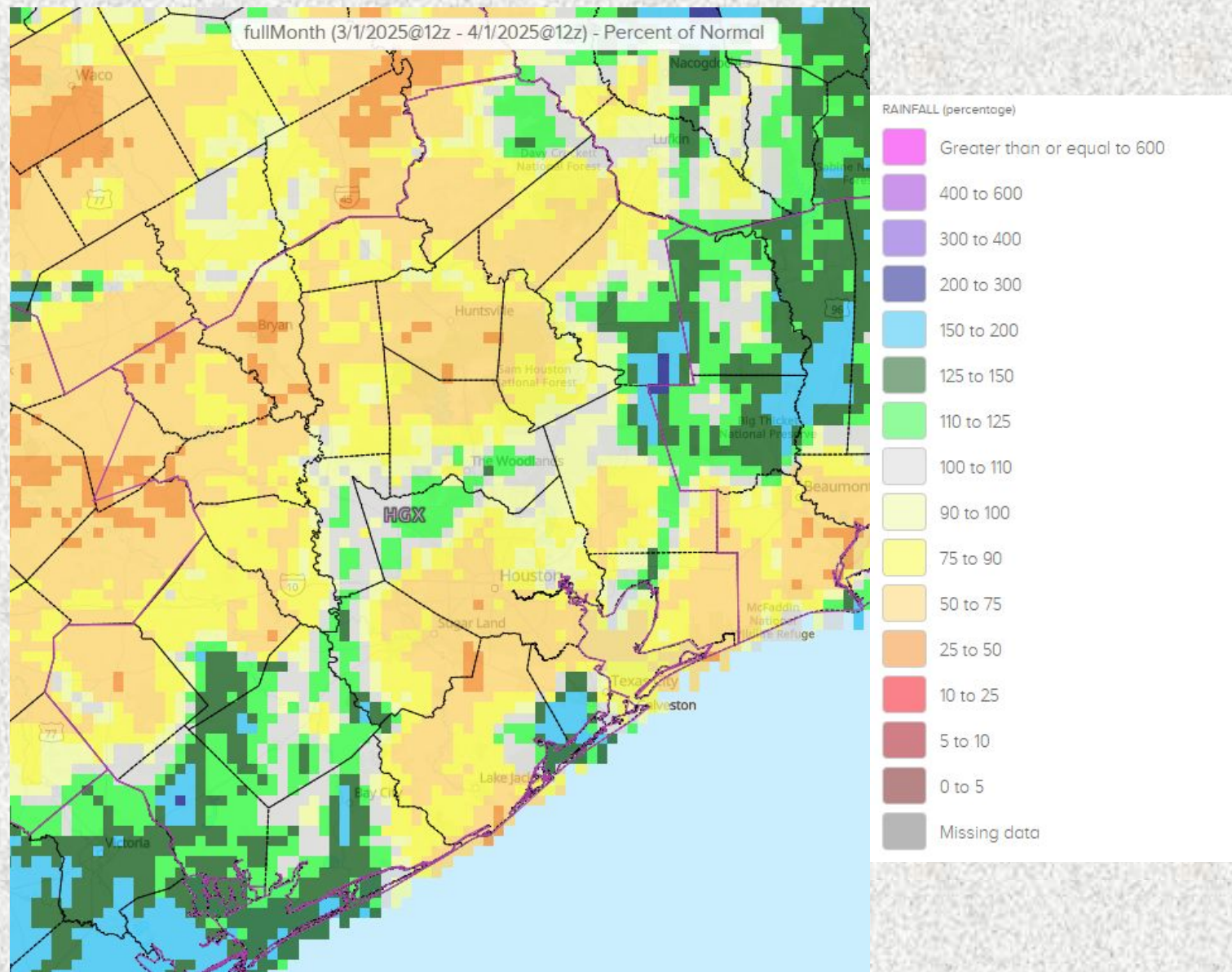
Date: 4/5/2025

A relatively dry month overall, especially for areas west of the Brazos River. This led to the expansion of severe drought and development of extreme drought in our southwestern zones. A heavy rainfall event at the end of March spared any further expansions of drought in these areas.

Monthly Precipitation

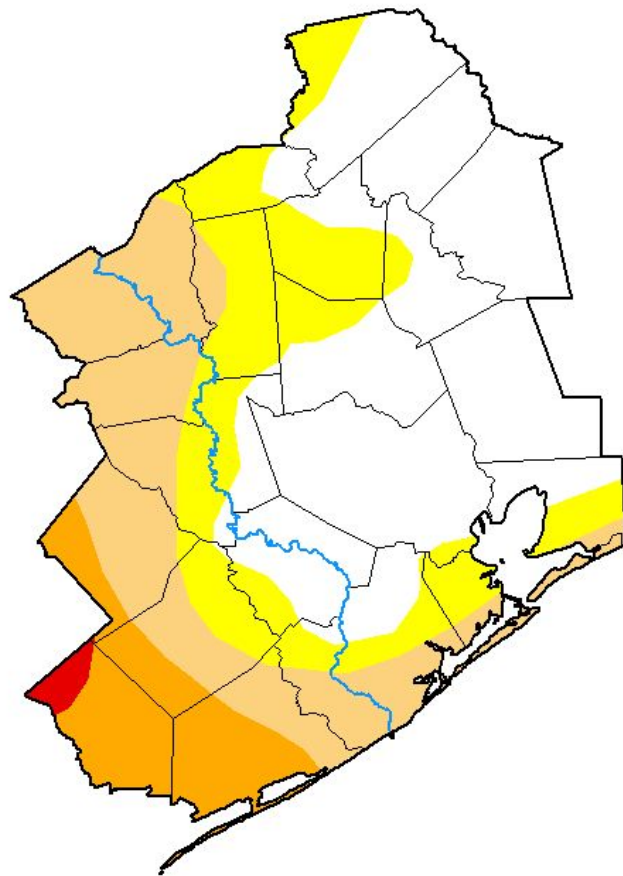


Monthly Percent of Normal Precipitation



U.S. Drought Monitor

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



March 25, 2025

(Released Thursday, Mar. 27, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	45.65	54.35	33.33	10.67	0.76	0.00
Last Week <i>03-18-2025</i>	47.86	52.14	29.52	10.67	0.76	0.00
3 Months Ago <i>12-24-2024</i>	3.26	96.74	75.94	24.76	0.00	0.00
Start of Calendar Year <i>01-07-2025</i>	28.59	71.41	37.60	0.00	0.00	0.00
Start of Water Year <i>10-01-2024</i>	10.34	89.66	5.13	0.00	0.00	0.00
One Year Ago <i>03-26-2024</i>	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:



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



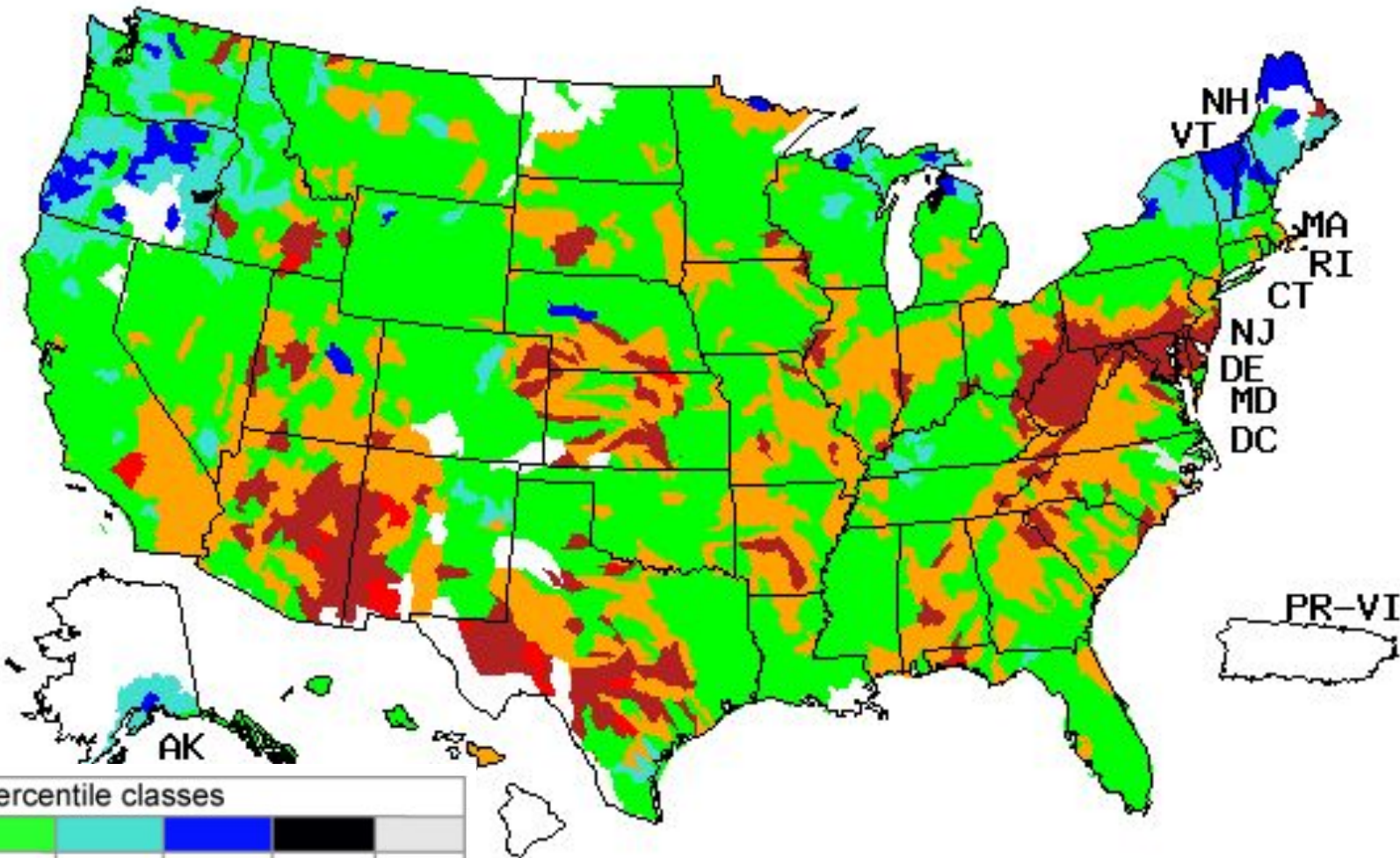
droughtmonitor.unl.edu

River Flooding

River and Station	Flood Stage (feet)	Crest Stage (feet)	Crest Date
None			

Monthly Average Streamflow

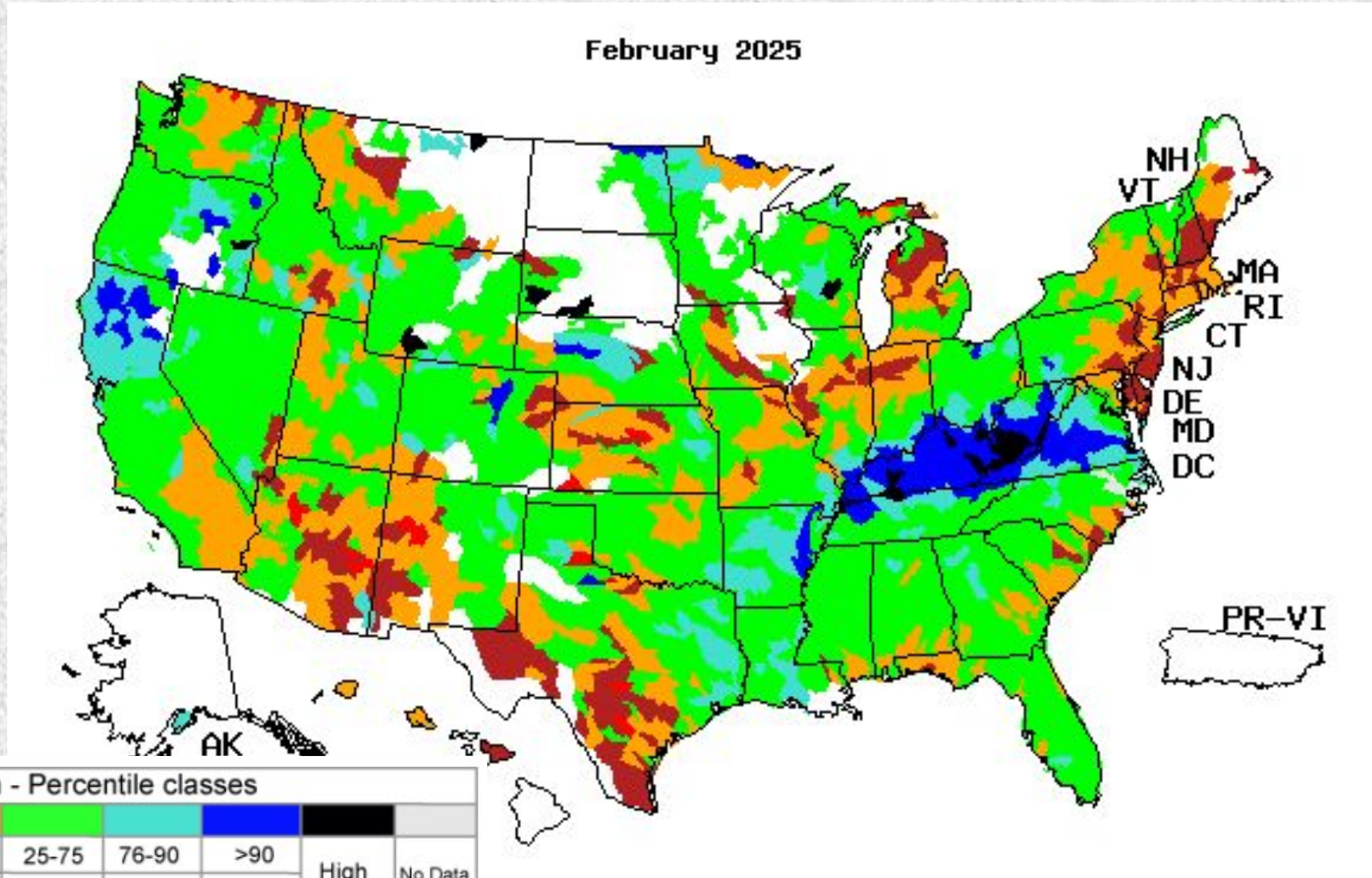
March 2025



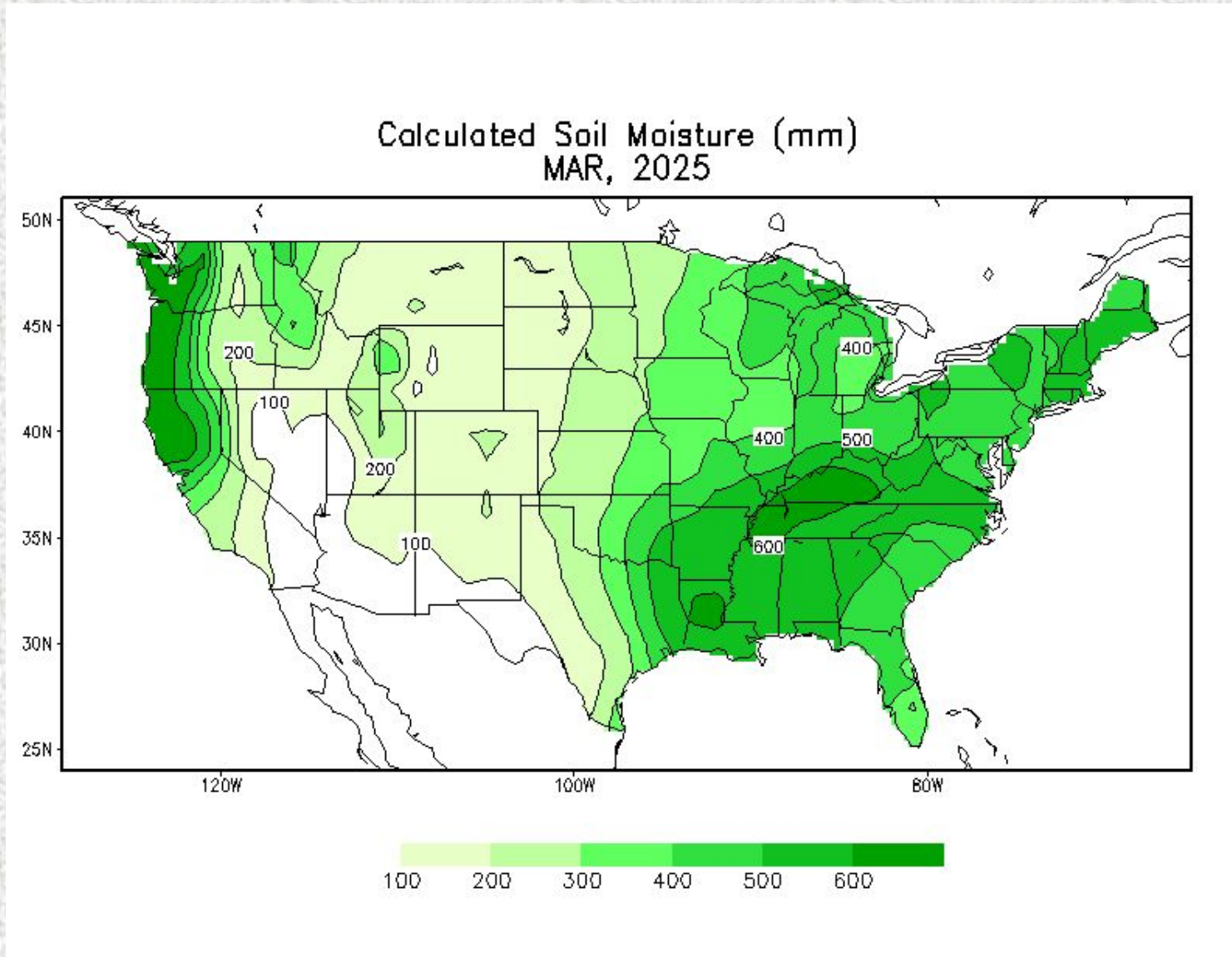
Explanation - Percentile classes

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

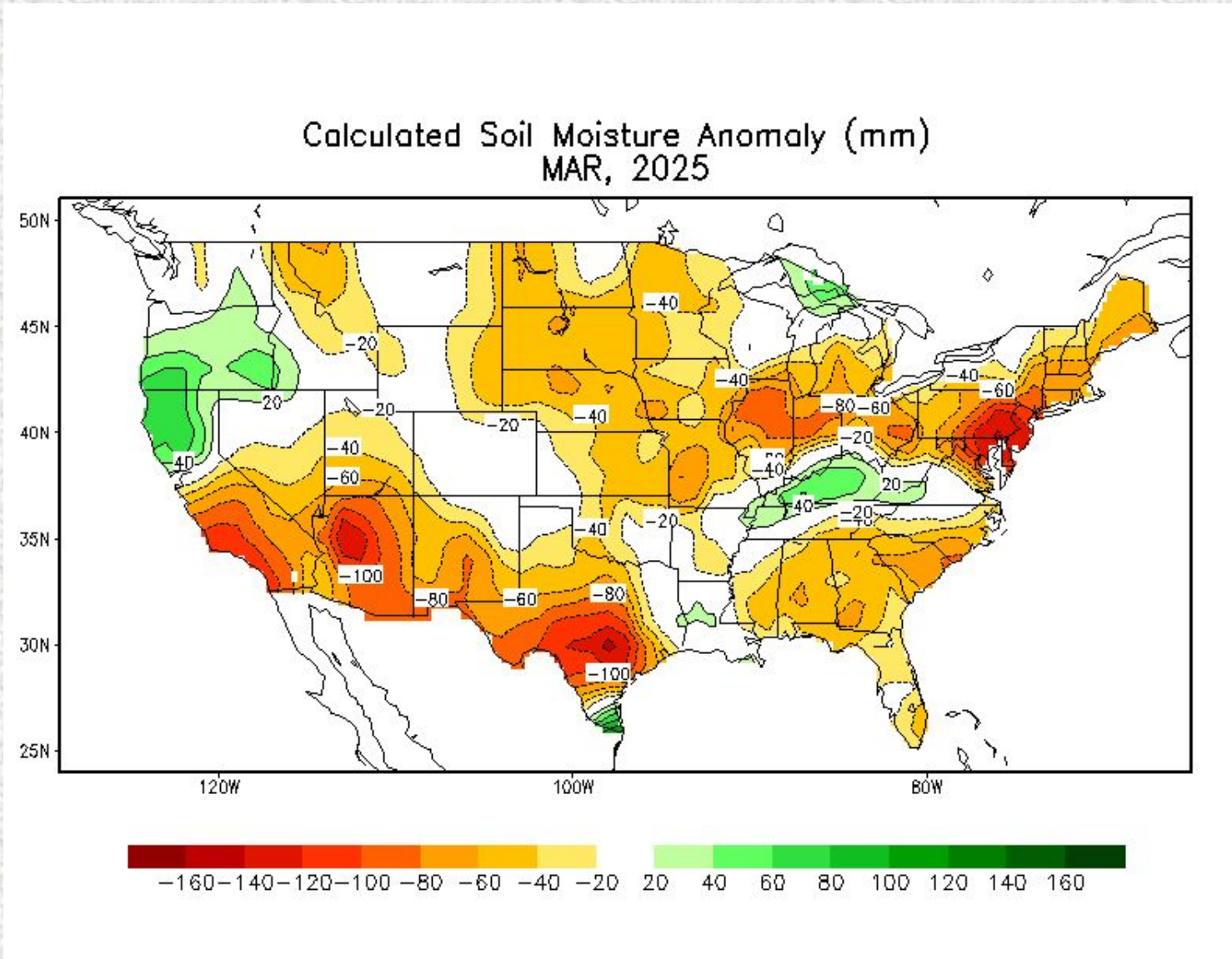
Previous Monthly Average Streamflow



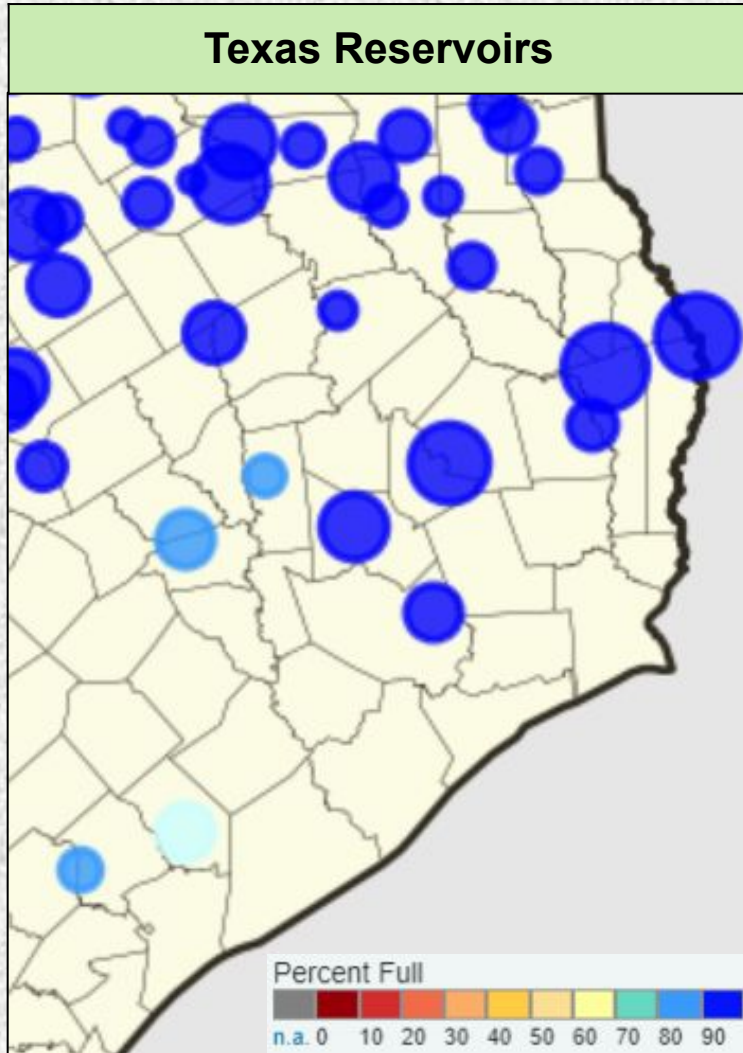
Soil Moisture



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	80.7%
Lake Somerville	84.9%
Lake Texana	79.4%

Data added on: April 5, 2025 at 6:30 am CDT

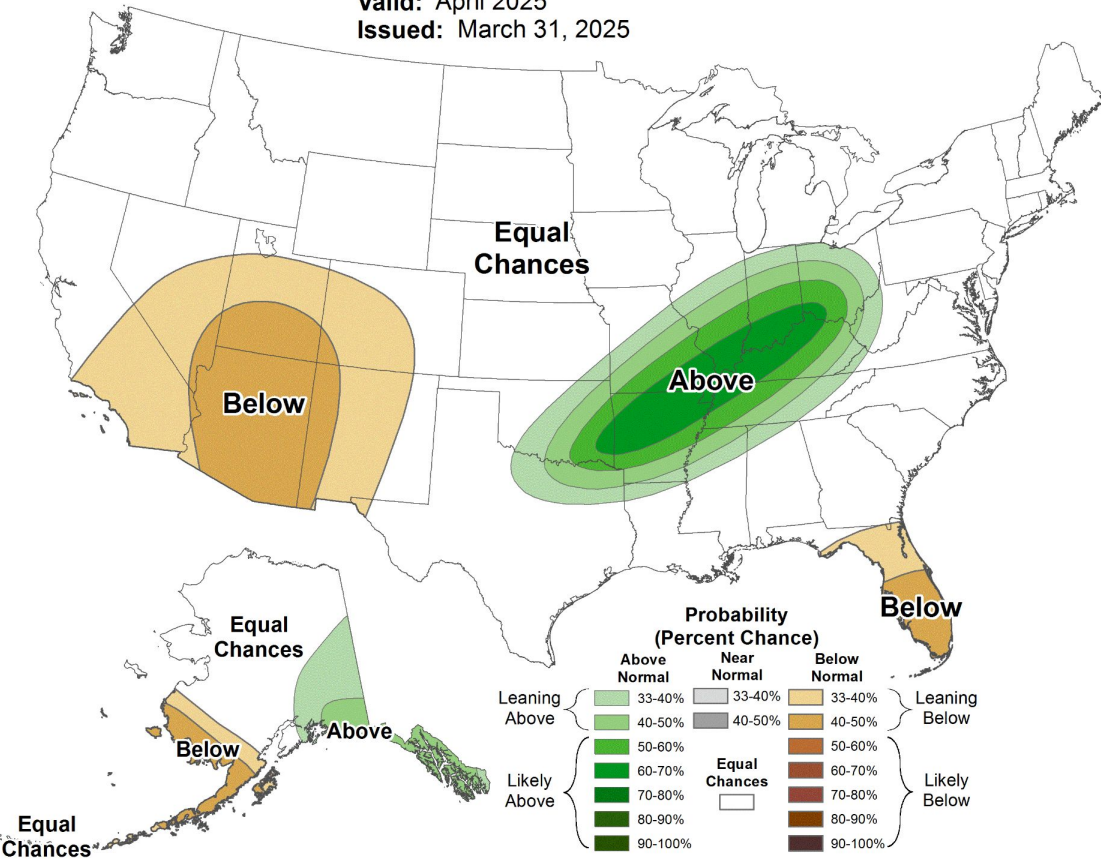
Precipitation Outlooks



Monthly Precipitation Outlook



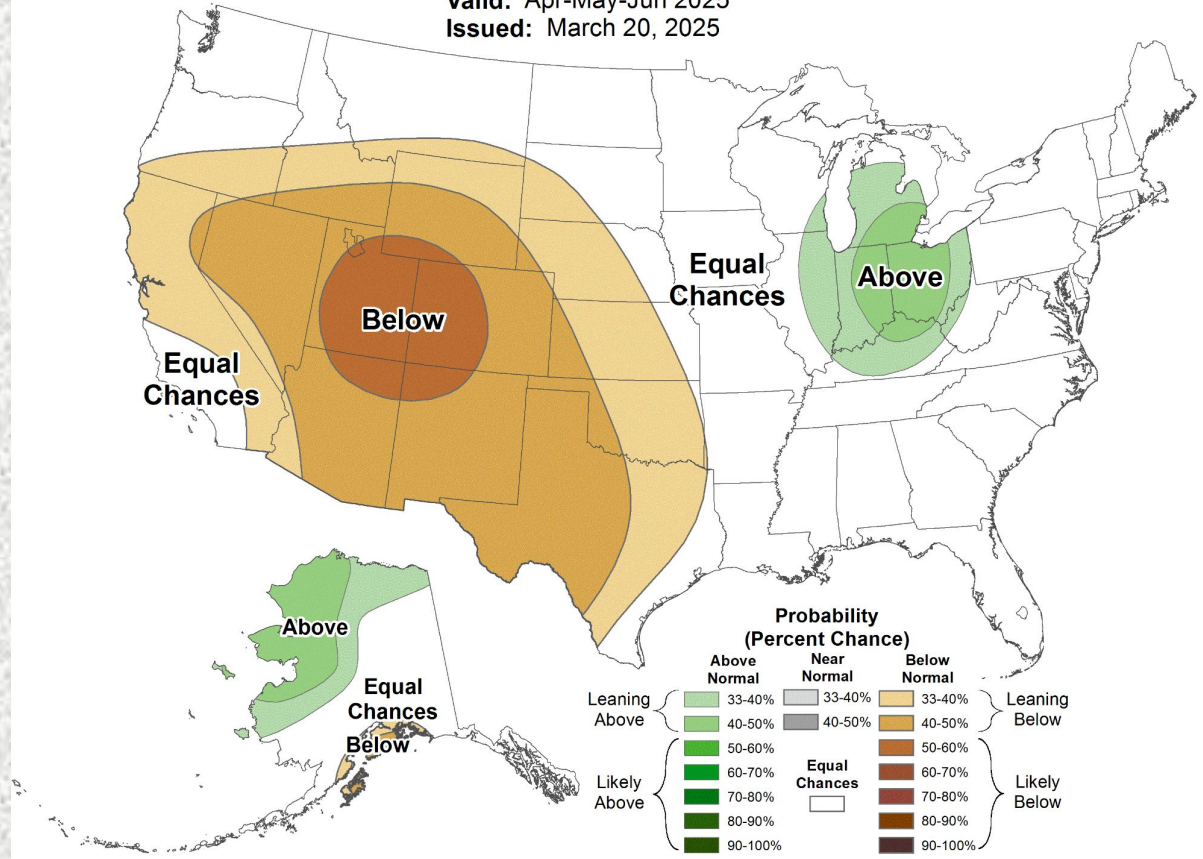
Valid: April 2025
Issued: March 31, 2025



Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2025
Issued: March 20, 2025



Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	1 (ETN: 001)
Flash Flood Warning (FFW)	0
Flash Flood Statement (FFS)	0
Areal Flood Warning	0
River Flood Warnings (FLW)	0
River Flood Statements	0
Flood Advisories (FLS)	4 (ETN: 006-009)
Probabilistic Hydrologic Outlook (ESF)	6