

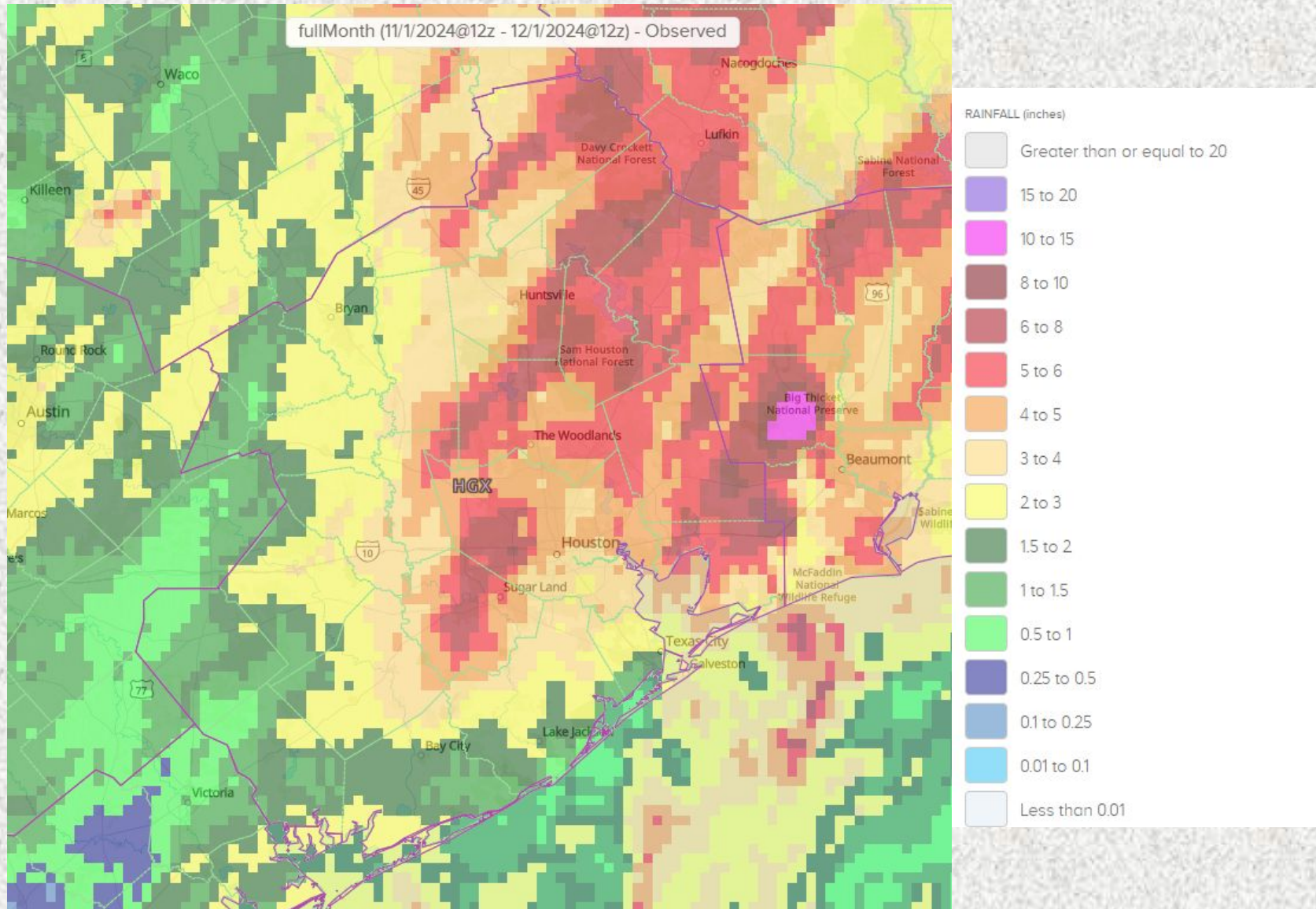
# NWS Houston/Galveston Monthly Hydrologic Report November 2024

**Produced by: Cameron Batiste**

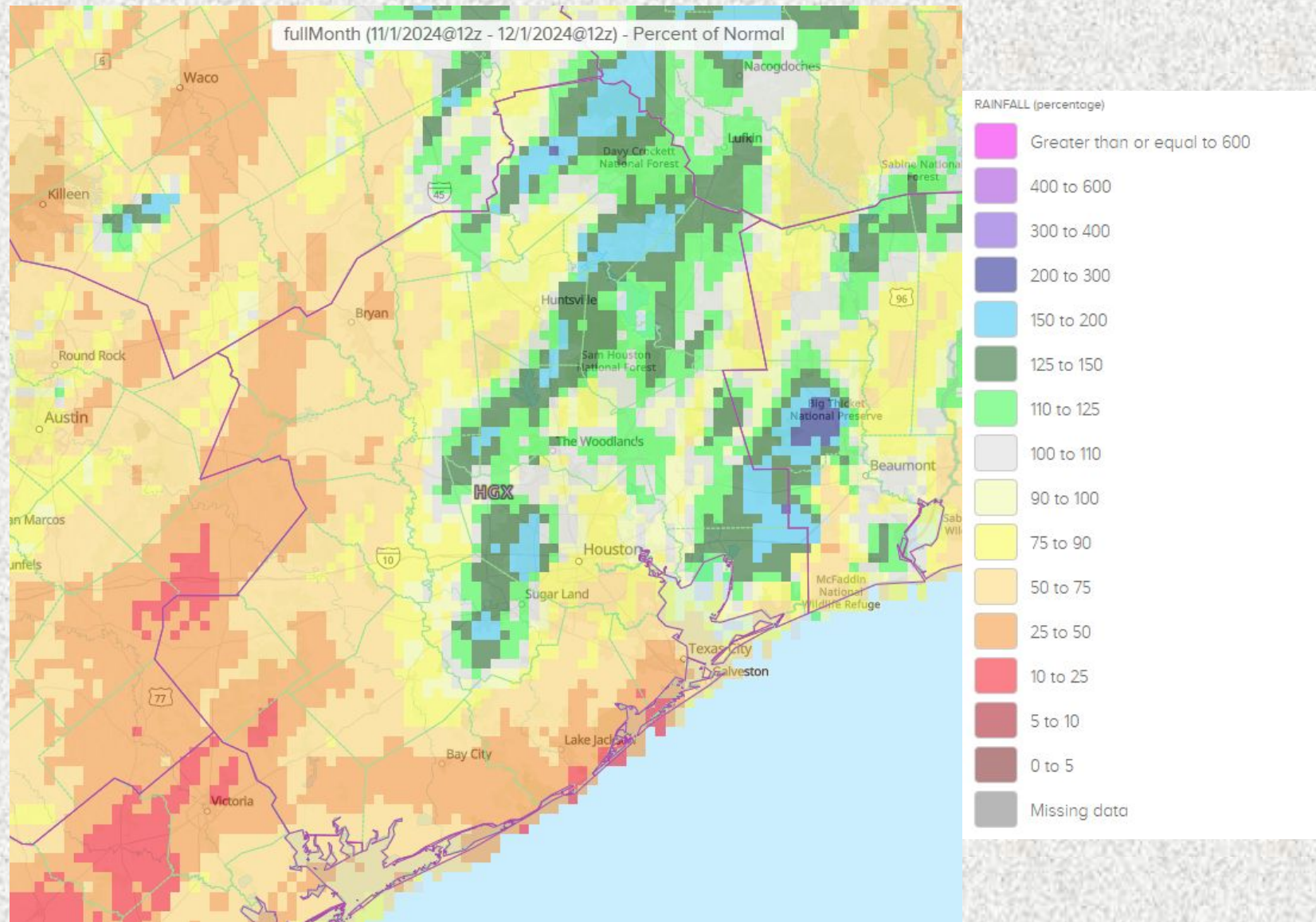
**Date: 12/05/2024**

Heavy rainfall at the beginning of November was enough to bring an end to the D2 (severe drought) for most of Southeast Texas. Most of the region saw at least 3-6" of rainfall with some portions of the Piney Woods seeing rainfall amounts above that. At the end of November, most of Southeast Texas fell into the D0 (abnormally dry) to D1 (moderate drought) categories with a slim area of D2 (severe drought) to the west of the Brazos River.

# Monthly Precipitation

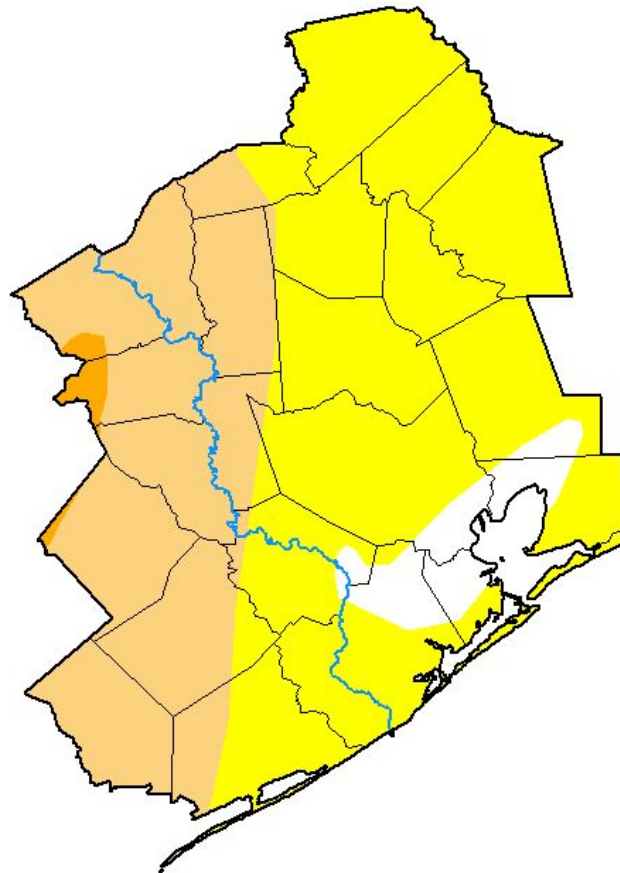


# Monthly Percent of Normal Precipitation



# U.S. Drought Monitor

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



**November 26, 2024**  
(Released Wednesday, Nov. 27, 2024)  
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	5.61	94.39	35.73	1.08	0.00	0.00
<b>Last Week</b> <i>11-19-2024</i>	5.61	94.39	35.73	0.00	0.00	0.00
<b>3 Months Ago</b> <i>08-27-2024</i>	80.95	19.05	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>01-02-2024</i>	26.21	73.79	57.44	11.02	0.00	0.00
<b>Start of Water Year</b> <i>10-01-2024</i>	10.34	89.66	5.13	0.00	0.00	0.00
<b>One Year Ago</b> <i>11-28-2023</i>	13.76	86.24	61.61	5.78	3.31	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:

David Simeral  
Western Regional Climate Center



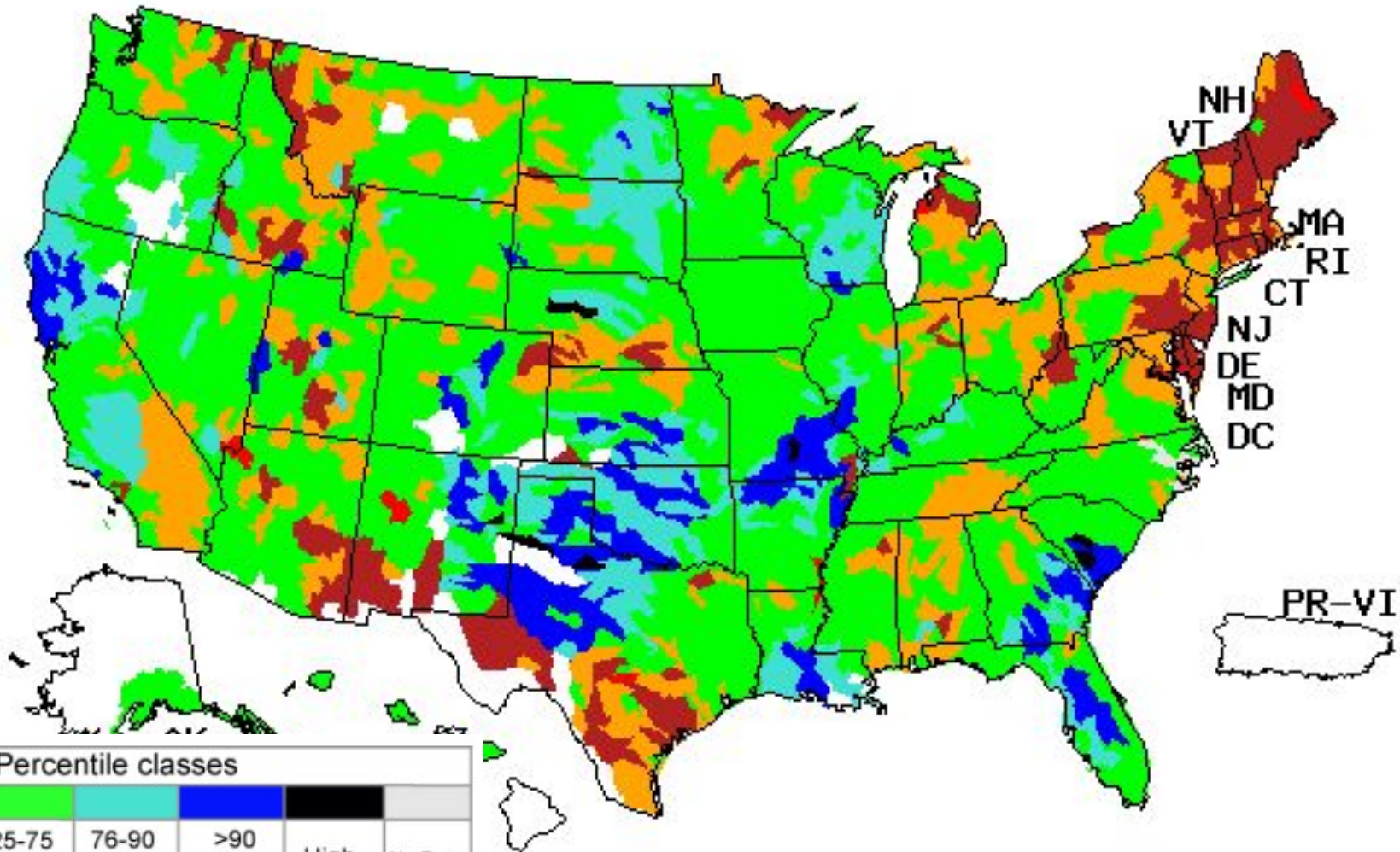
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# River Flooding

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

# Monthly Average Streamflow

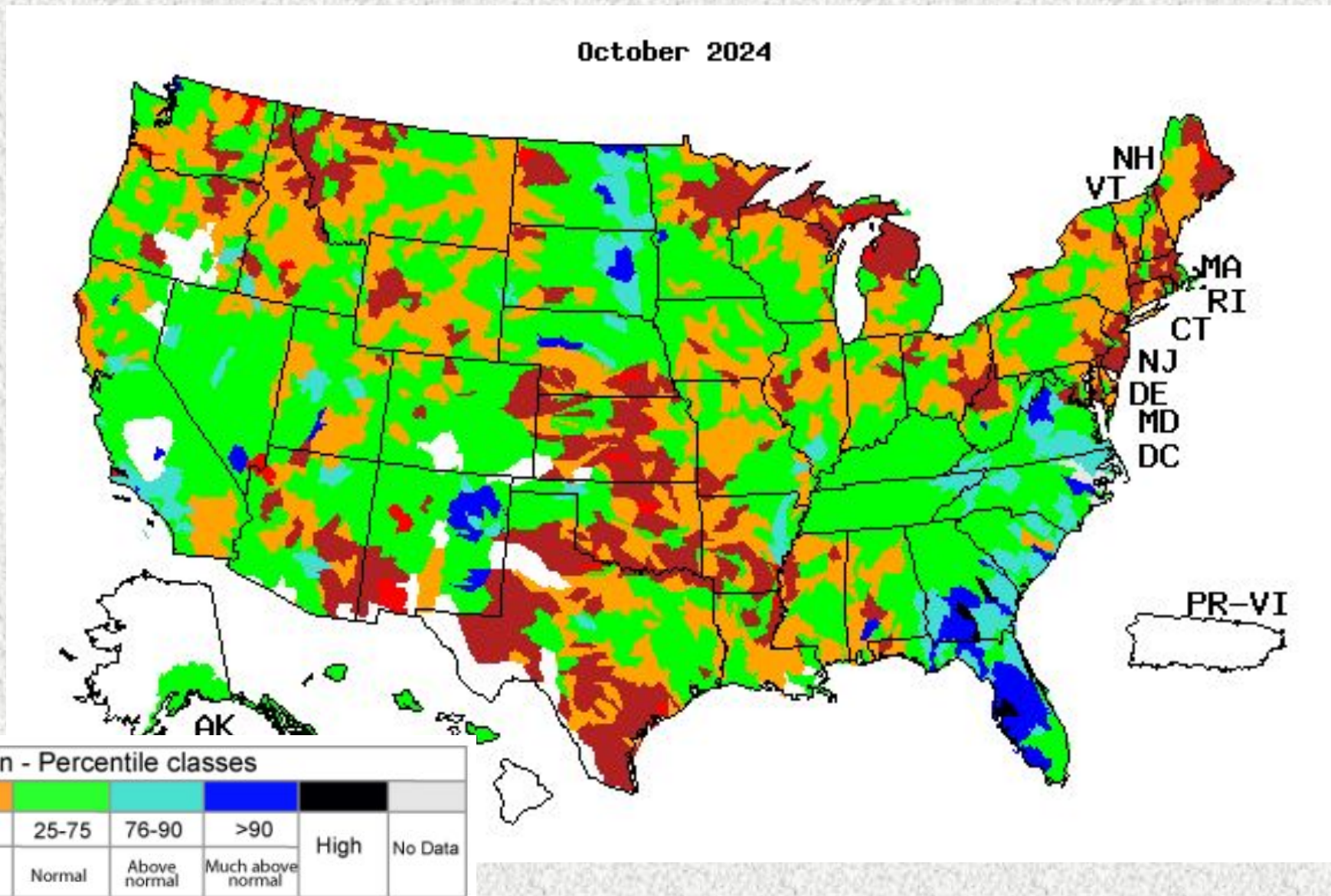
November 2024



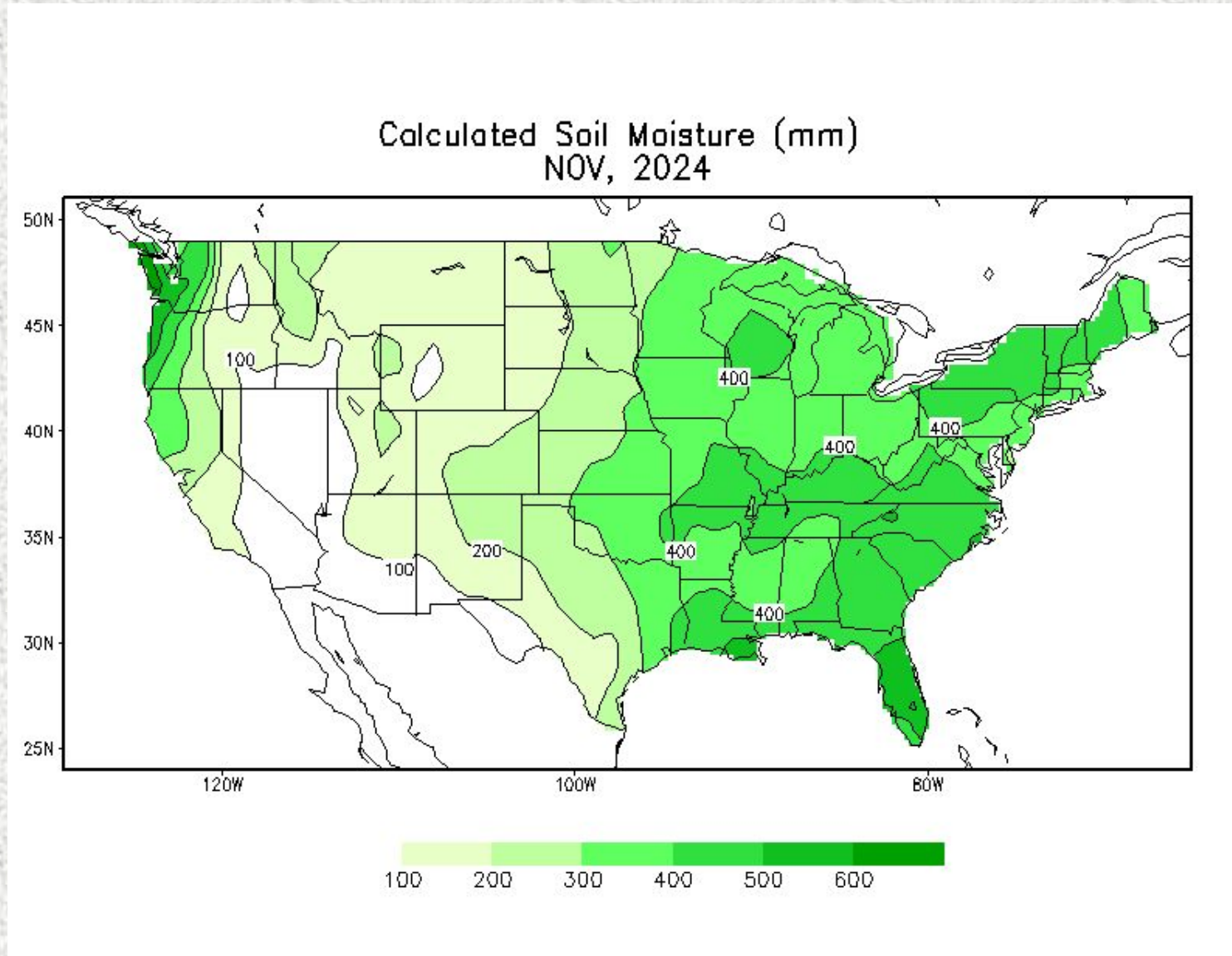
Explanation - Percentile classes

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

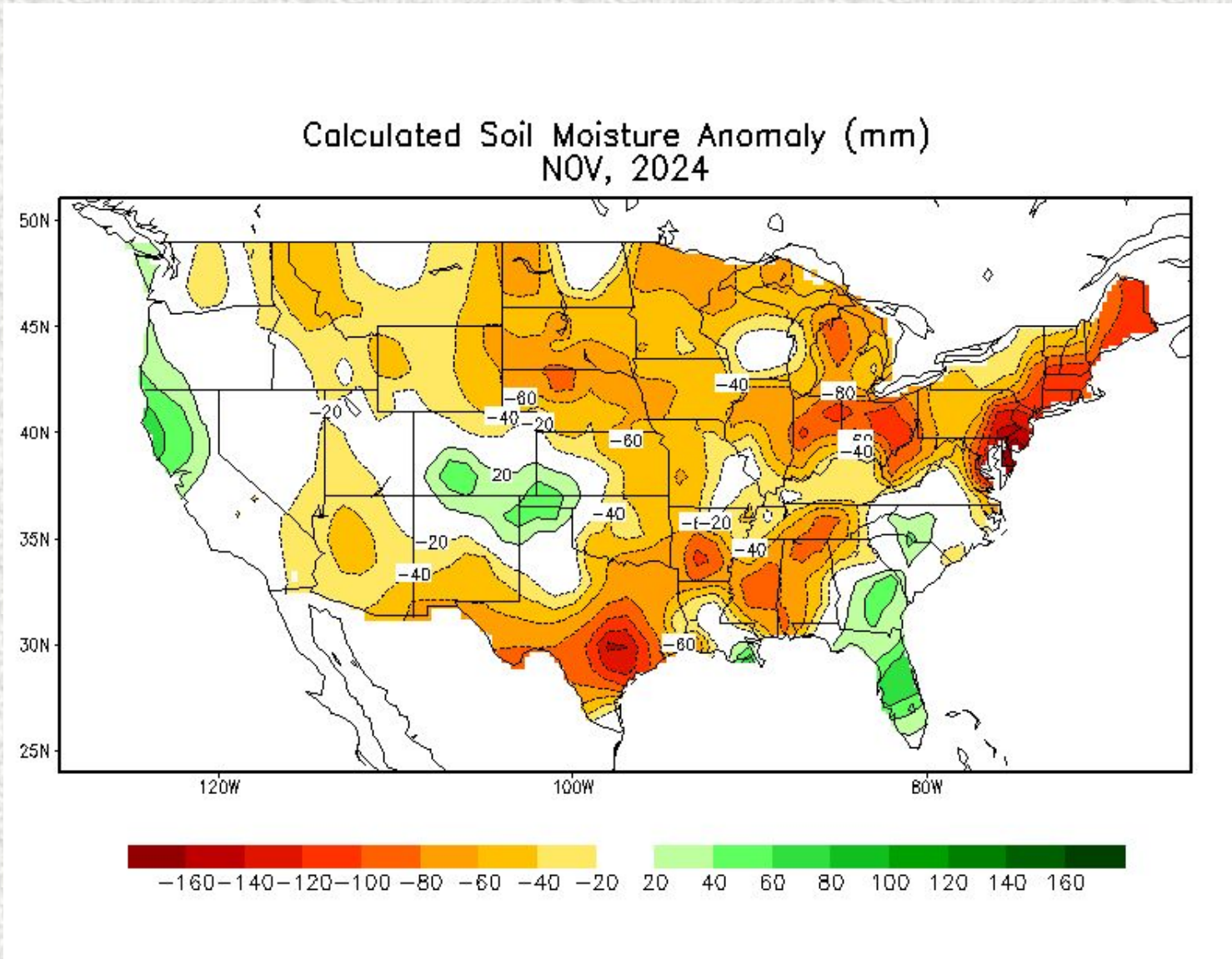


# Soil Moisture

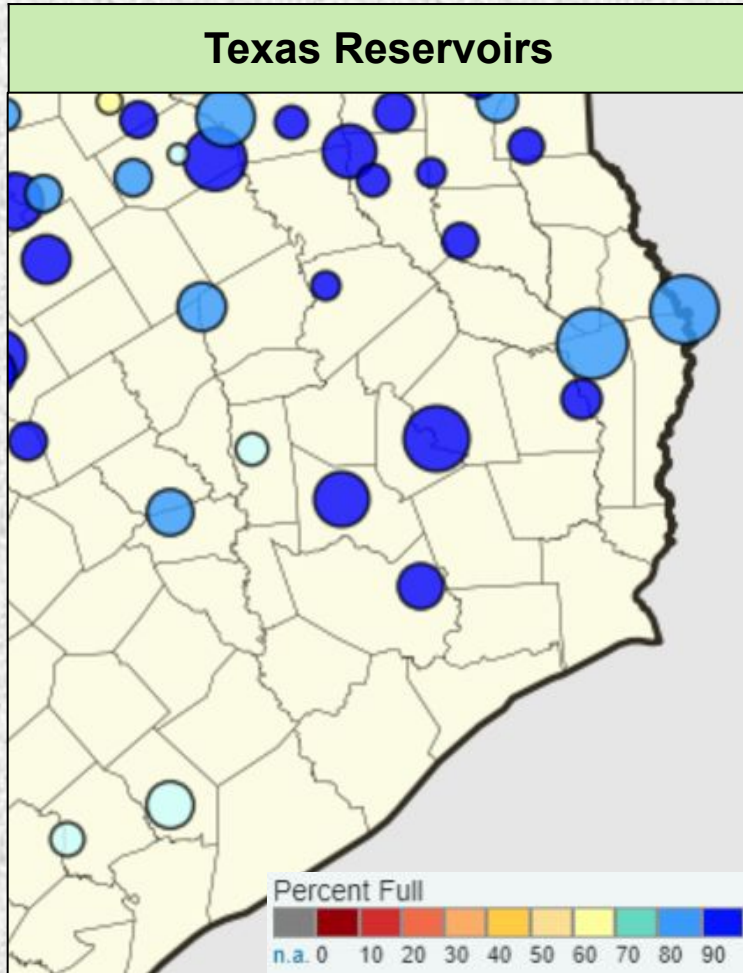




# Soil Moisture Anomaly



# Reservoir Status



Reservoir	Percent Full Conservation Storage
Houston County Lake	100.0%
Lake Livingston	94.7%
Lake Conroe	94.3%
Lake Houston	98.5%
Gibbons Creek Reservoir	79.4%
Lake Somerville	84.4%
Lake Texana	73.7%

Data added on: December 5, 2024 at 1:00 pm CST

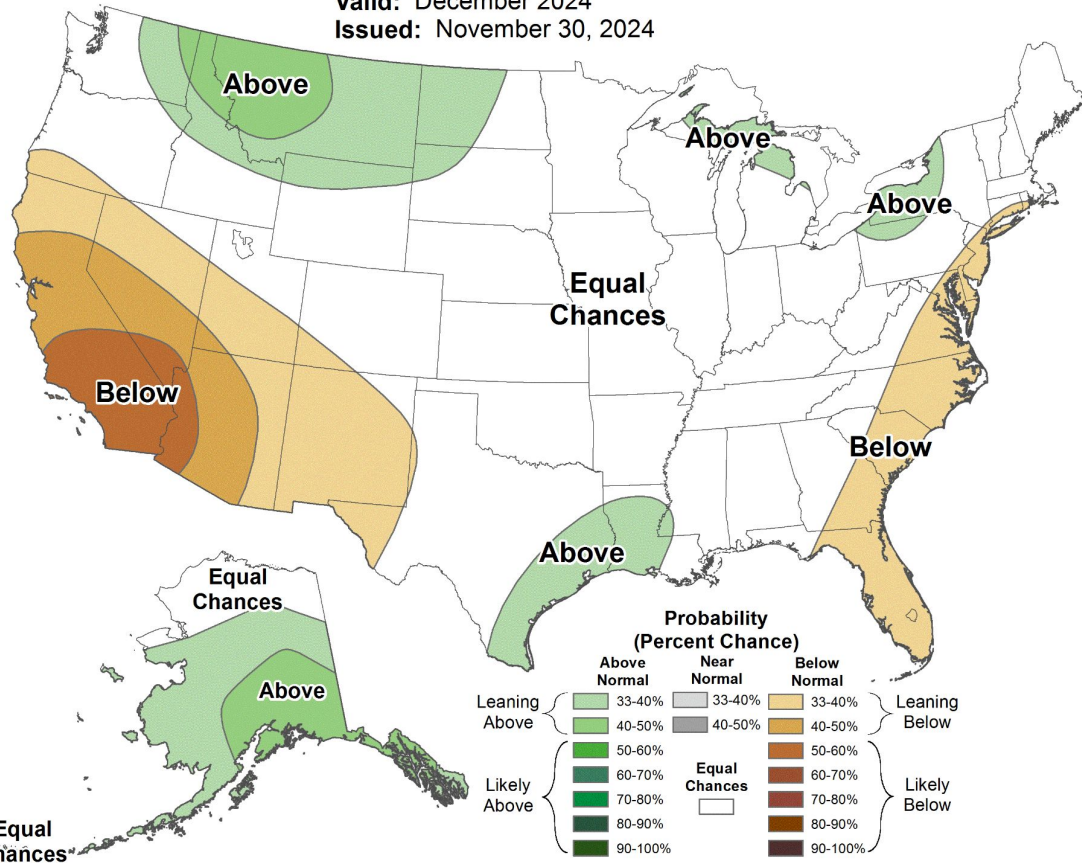
# Precipitation Outlooks



## Monthly Precipitation Outlook



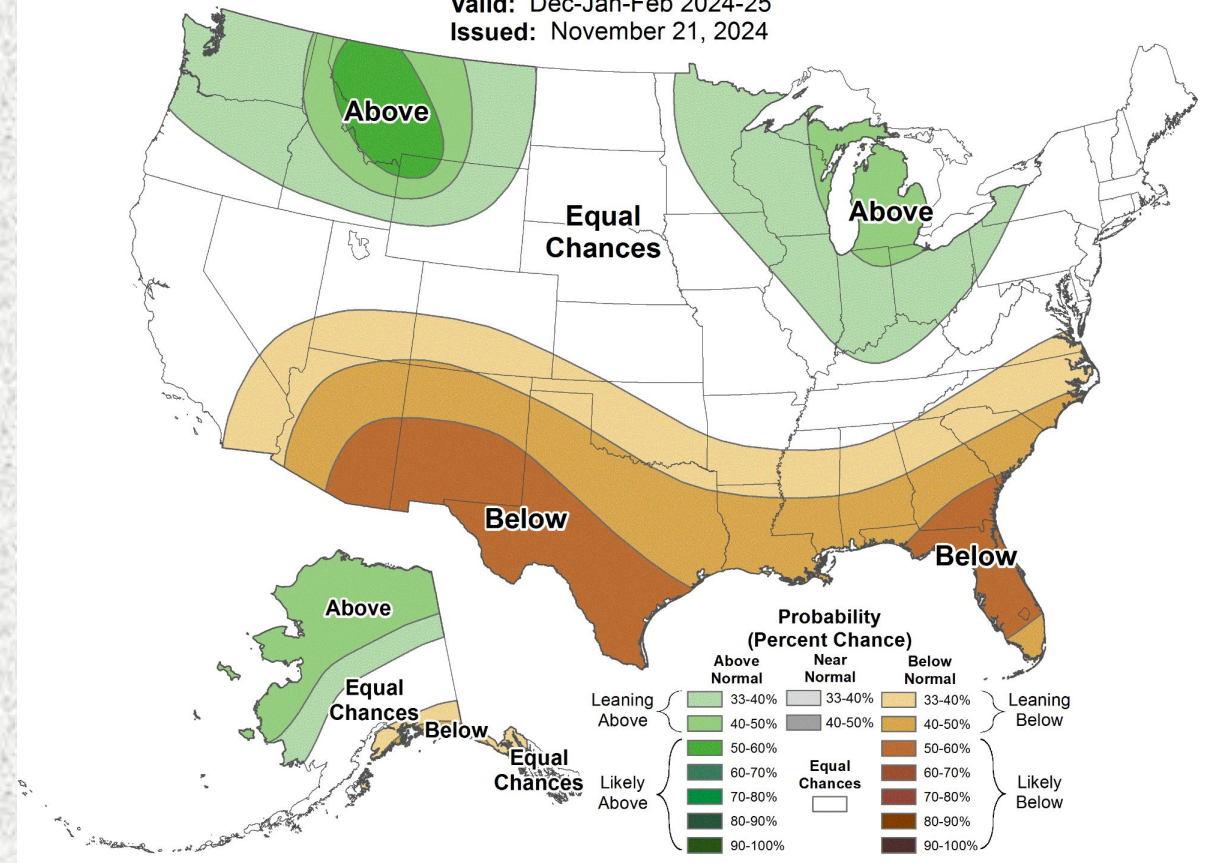
Valid: December 2024  
Issued: November 30, 2024



## Seasonal Precipitation Outlook



Valid: Dec-Jan-Feb 2024-25  
Issued: November 21, 2024



# Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	0
Flash Flood Warning (FFW)	1 (ETN: 071)
Flash Flood Statement (FFS)	1
Areal Flood Warning	0
River Flood Warnings (FLW)	0
River Flood Statements	0
Flood Advisories (FLS)	7 (ETN: 162-167)
Probabilistic Hydrologic Outlook (ESF)	6