

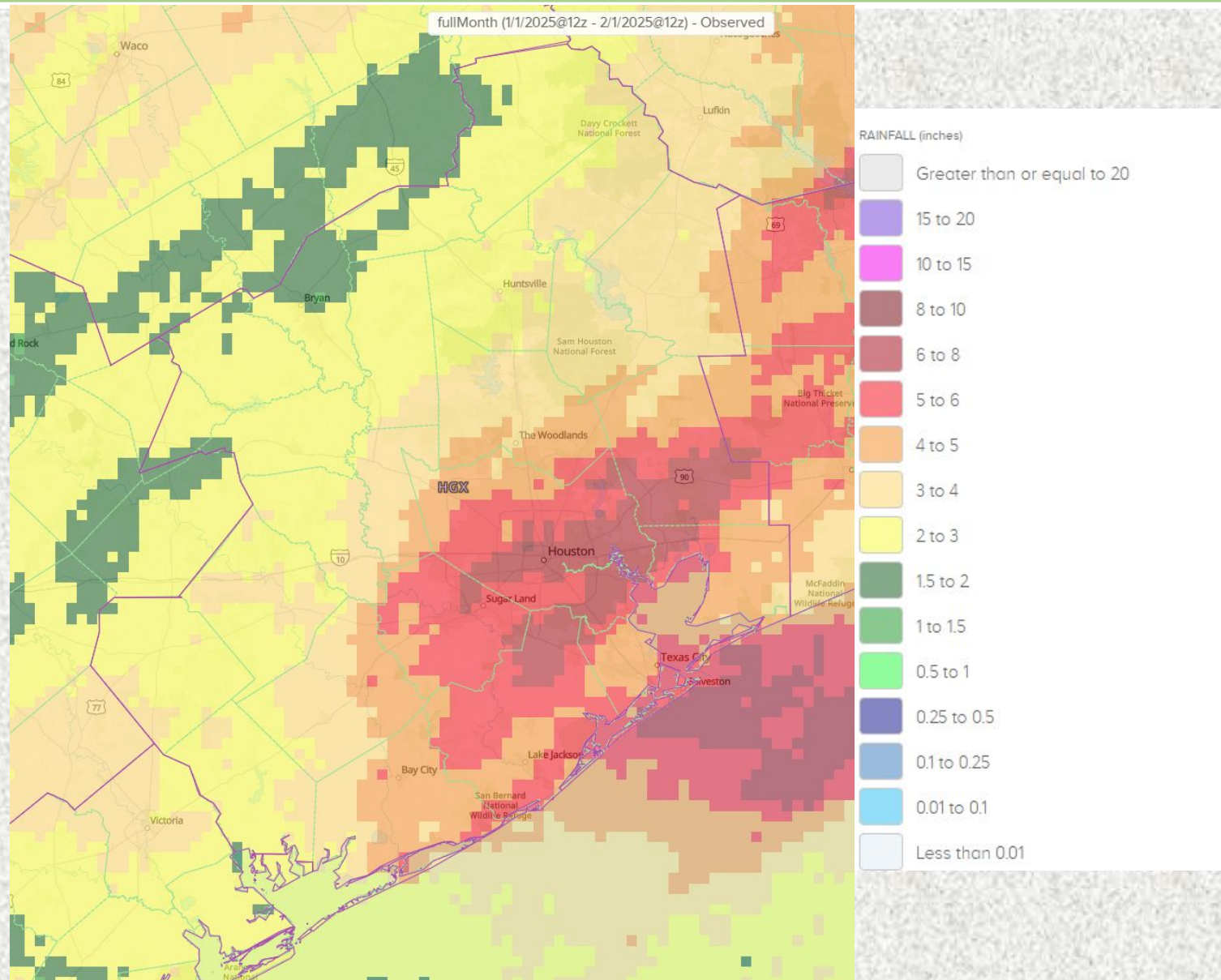
NWS Houston/Galveston Monthly Hydrologic Report January 2025

Produced by: Cameron Batiste

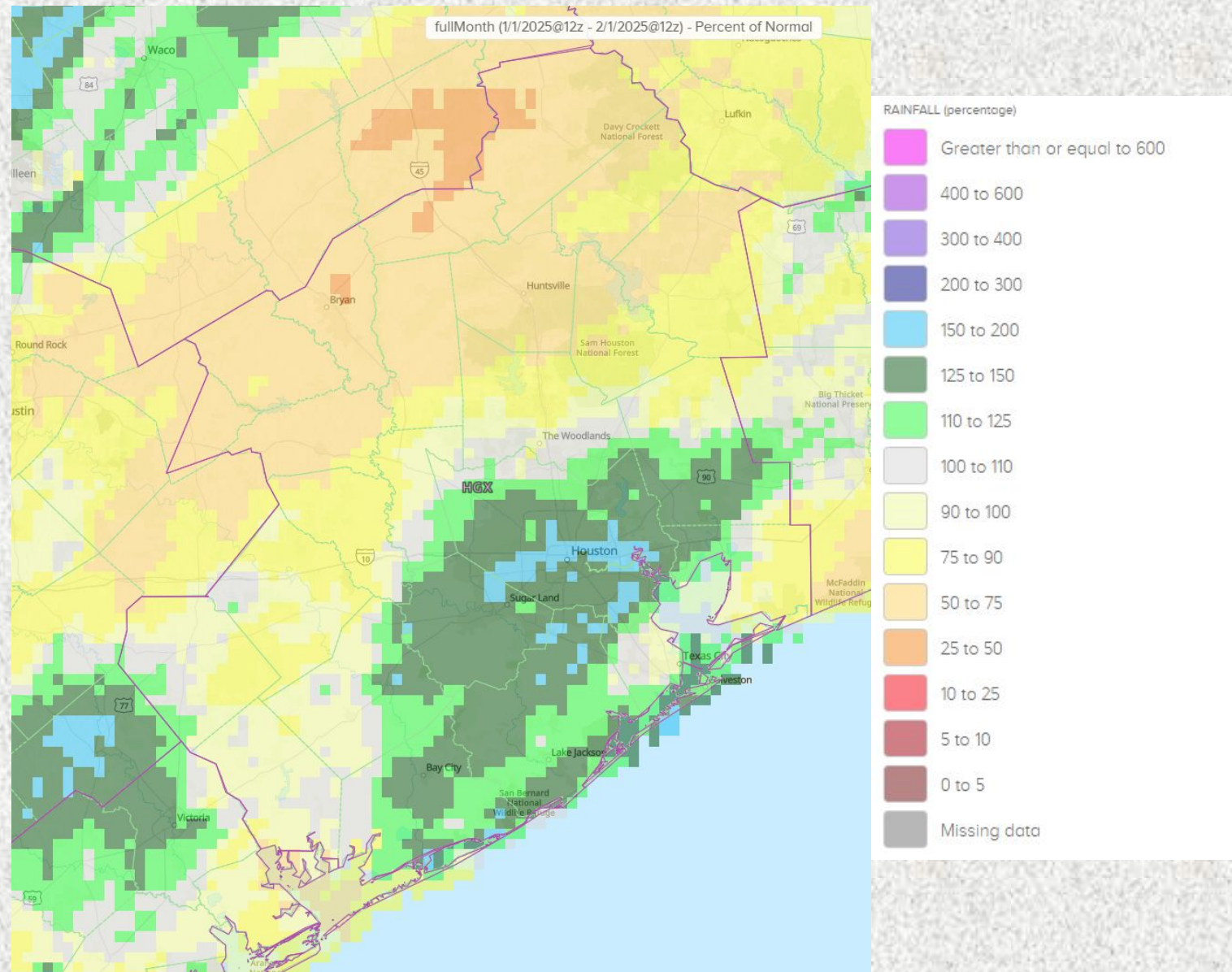
Date: 2/6/2025

The start of 2025 was a relatively dry one for portions of the Brazos Valley and areas west of the Brazos River. Areas south of Interstate 10 and east of Interstate 45 saw the most rainfall throughout the month and that mainly fell early in the month and at the end of the month with a relatively dry spell in between that. The 3-6" of rainfall was enough to end the drought for areas east of the Brazos River, but moderate drought persists for areas to the west of the Brazos River.

Monthly Precipitation

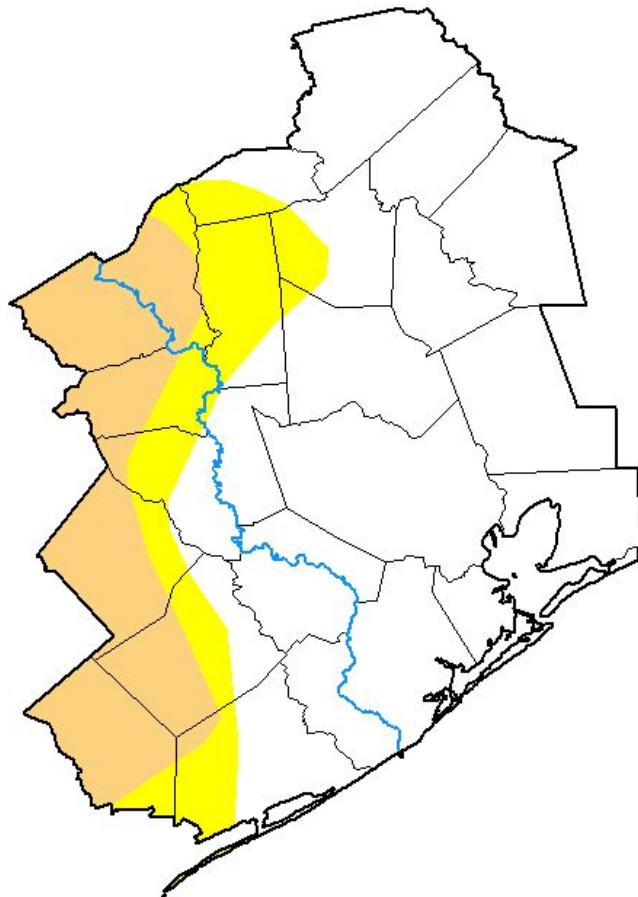


Monthly Percent of Normal Precipitation



U.S. Drought Monitor

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



January 28, 2025
(Released Thursday, Jan. 30, 2025)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|--|-------|--------|--------|-------|-------|------|
| Current | 68.88 | 31.12 | 18.15 | 0.00 | 0.00 | 0.00 |
| Last Week <small>01-21-2025</small> | 62.32 | 37.68 | 18.15 | 0.00 | 0.00 | 0.00 |
| 3 Months Ago <small>10-29-2024</small> | 0.00 | 100.00 | 100.00 | 82.71 | 0.00 | 0.00 |
| Start of Calendar Year <small>01-07-2025</small> | 28.59 | 71.41 | 37.60 | 0.00 | 0.00 | 0.00 |
| Start of Water Year <small>10-01-2024</small> | 10.34 | 89.66 | 5.13 | 0.00 | 0.00 | 0.00 |
| One Year Ago <small>01-30-2024</small> | 98.19 | 1.81 | 0.00 | 0.00 | 0.00 | 0.00 |

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme 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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National Drought Mitigation Center



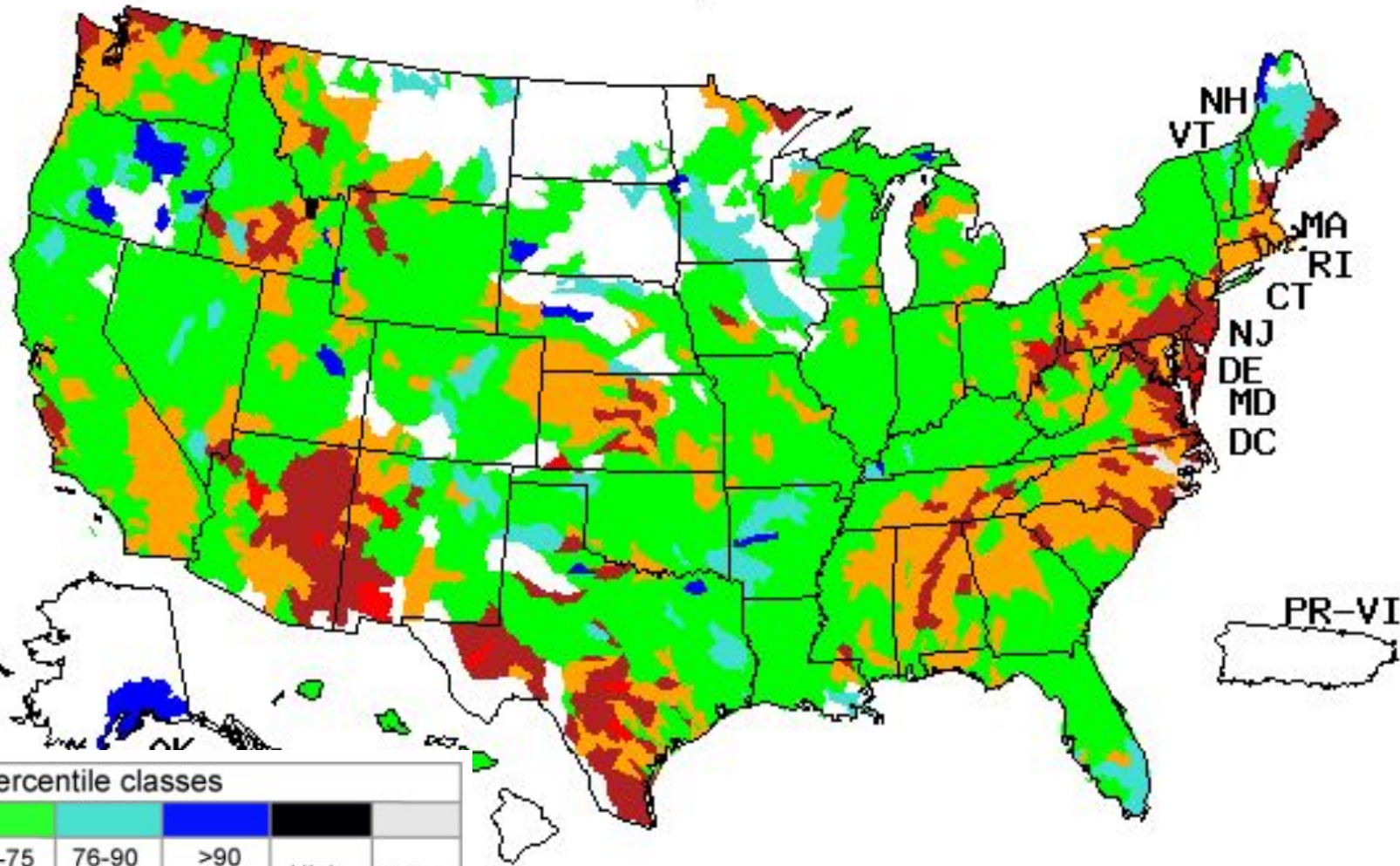
droughtmonitor.unl.edu

River Flooding

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

Monthly Average Streamflow

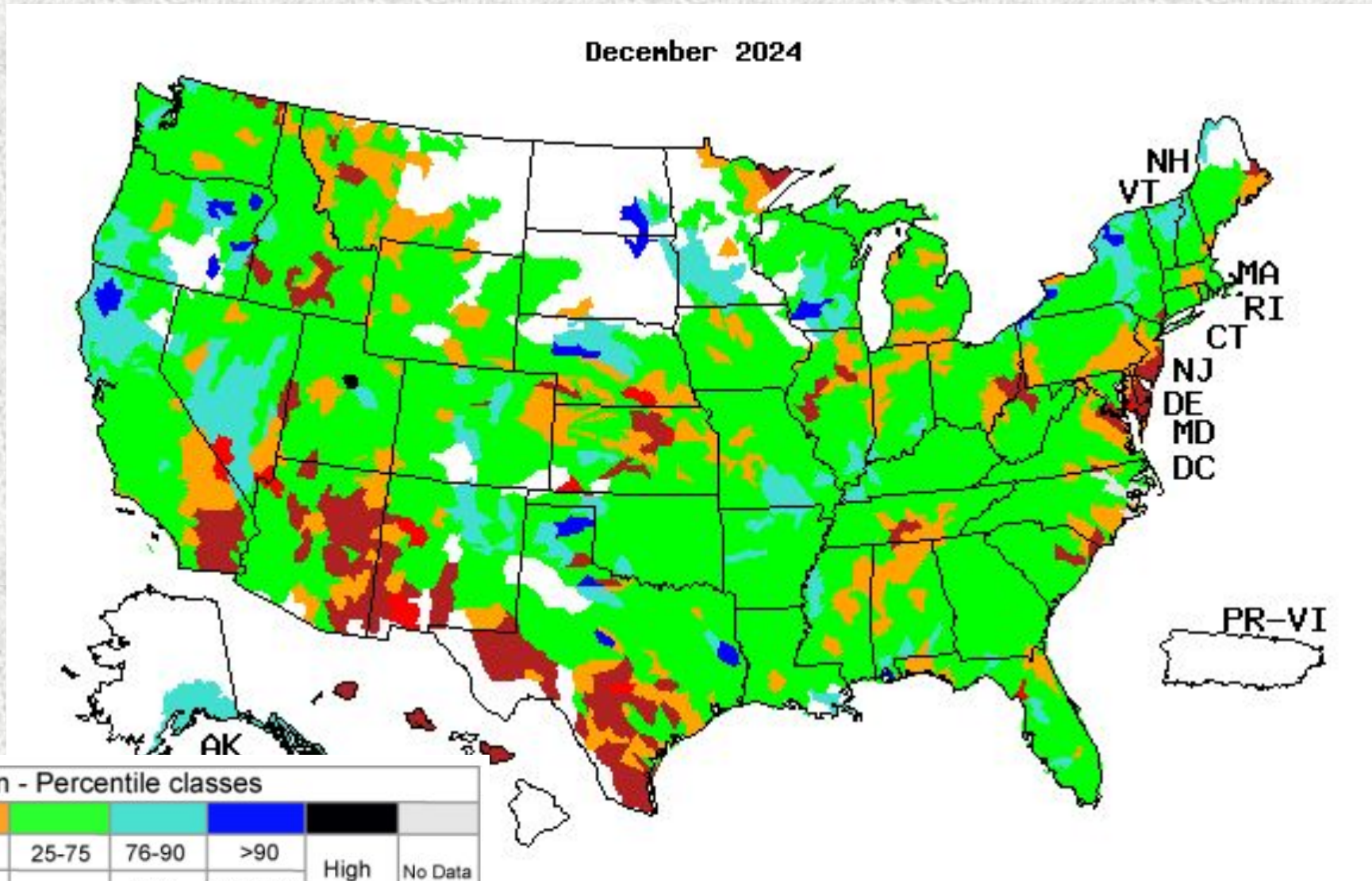
January 2025



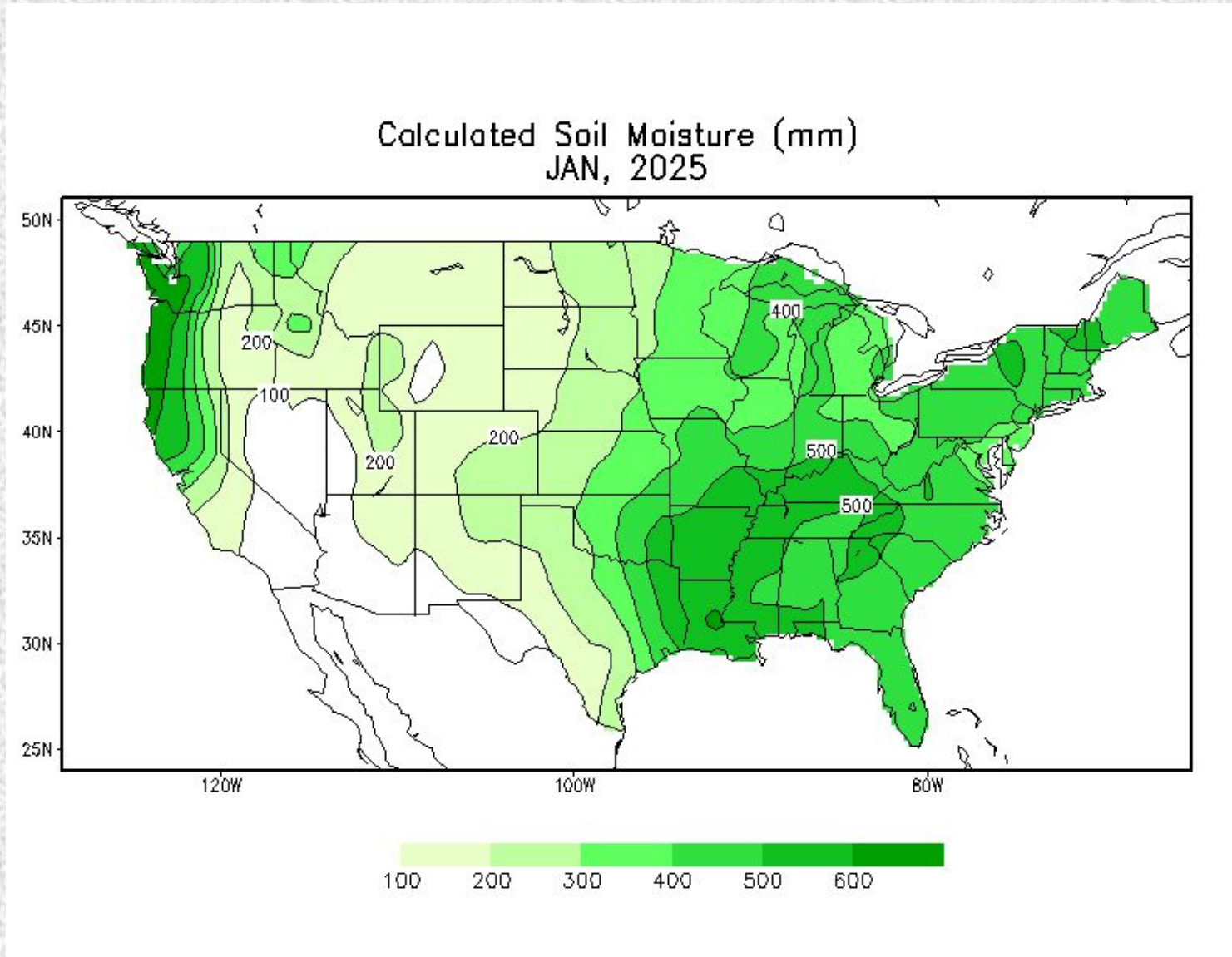
Explanation - Percentile classes

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

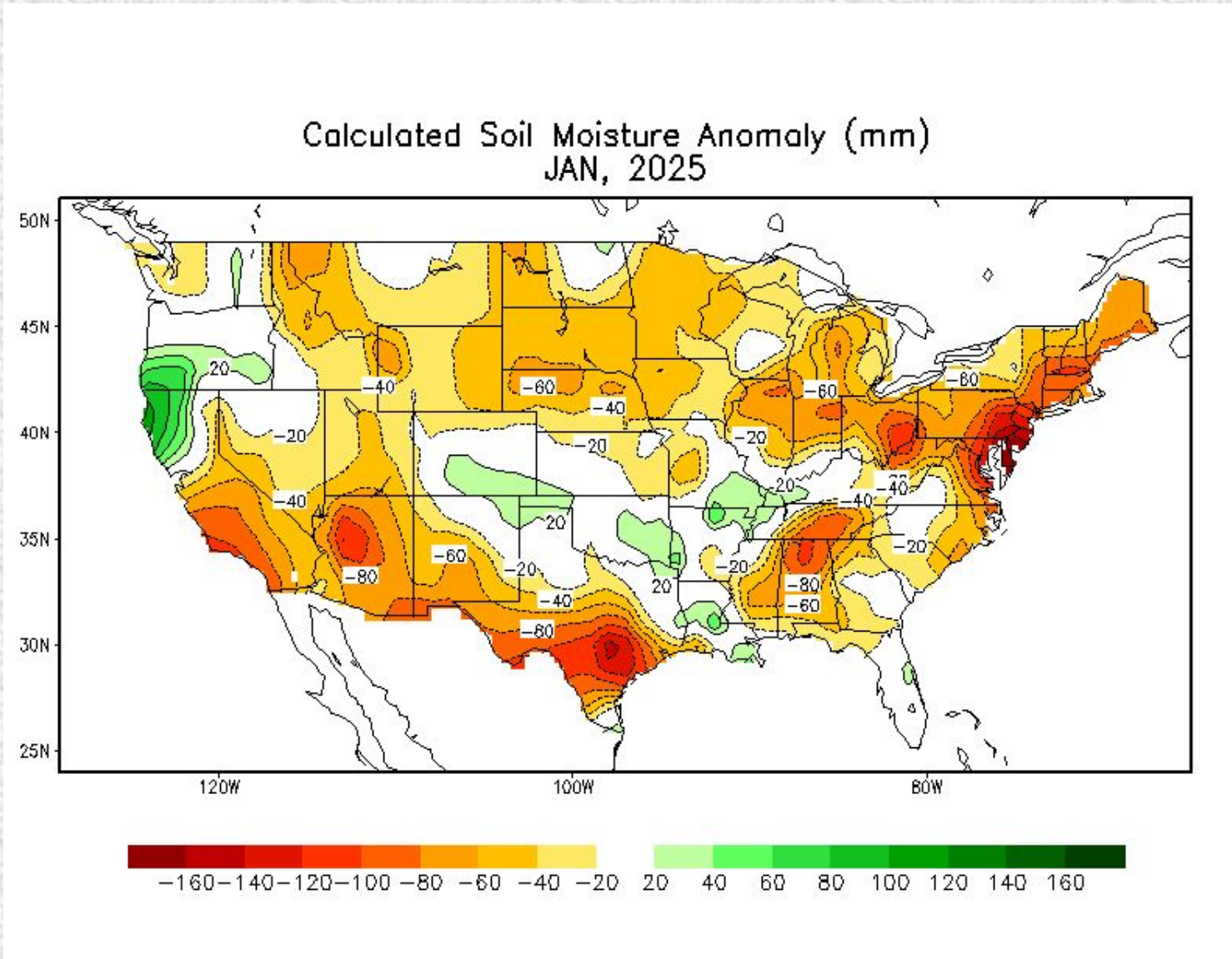
Previous Monthly Average Streamflow



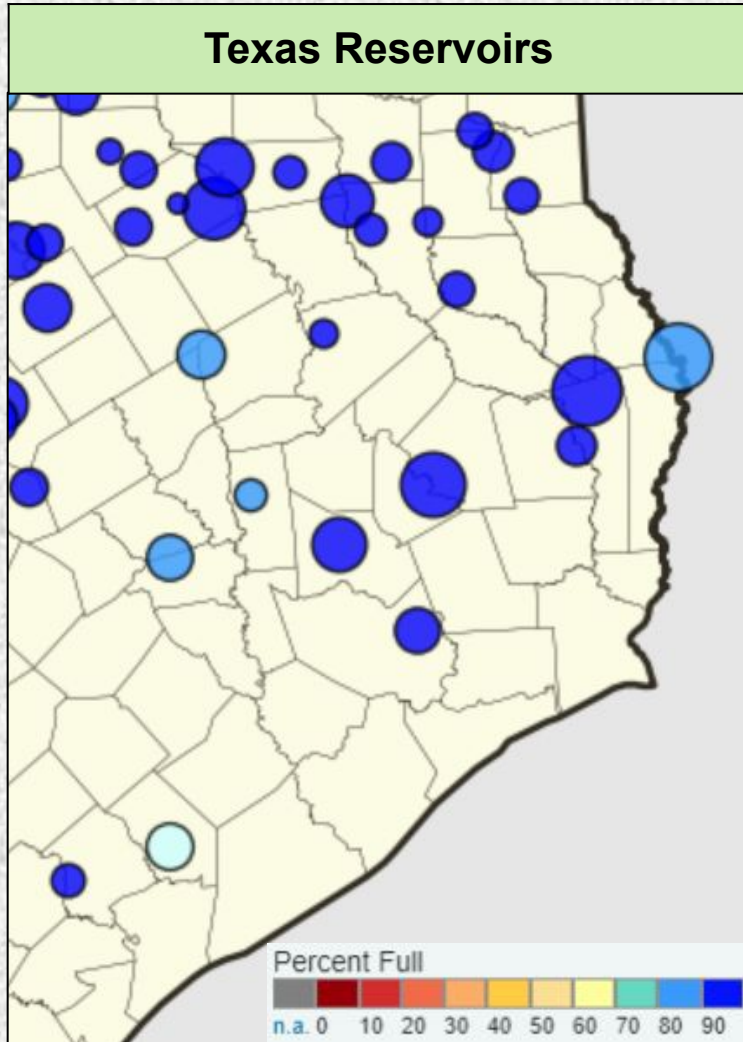
Soil Moisture



Soil Moisture Anomaly



Reservoir Status



| Reservoir | Percent Full Conservation Storage |
|-------------------------|-----------------------------------|
| Houston County Lake | 100.0% |
| Lake Livingston | 100.0% |
| Lake Conroe | 99.3% |
| Lake Houston | 100.0% |
| Gibbons Creek Reservoir | 87.0% |
| Lake Somerville | 84.7% |
| Lake Texana | 70.6% |

Data added on: February 6, 2025 at 8:00 am CST

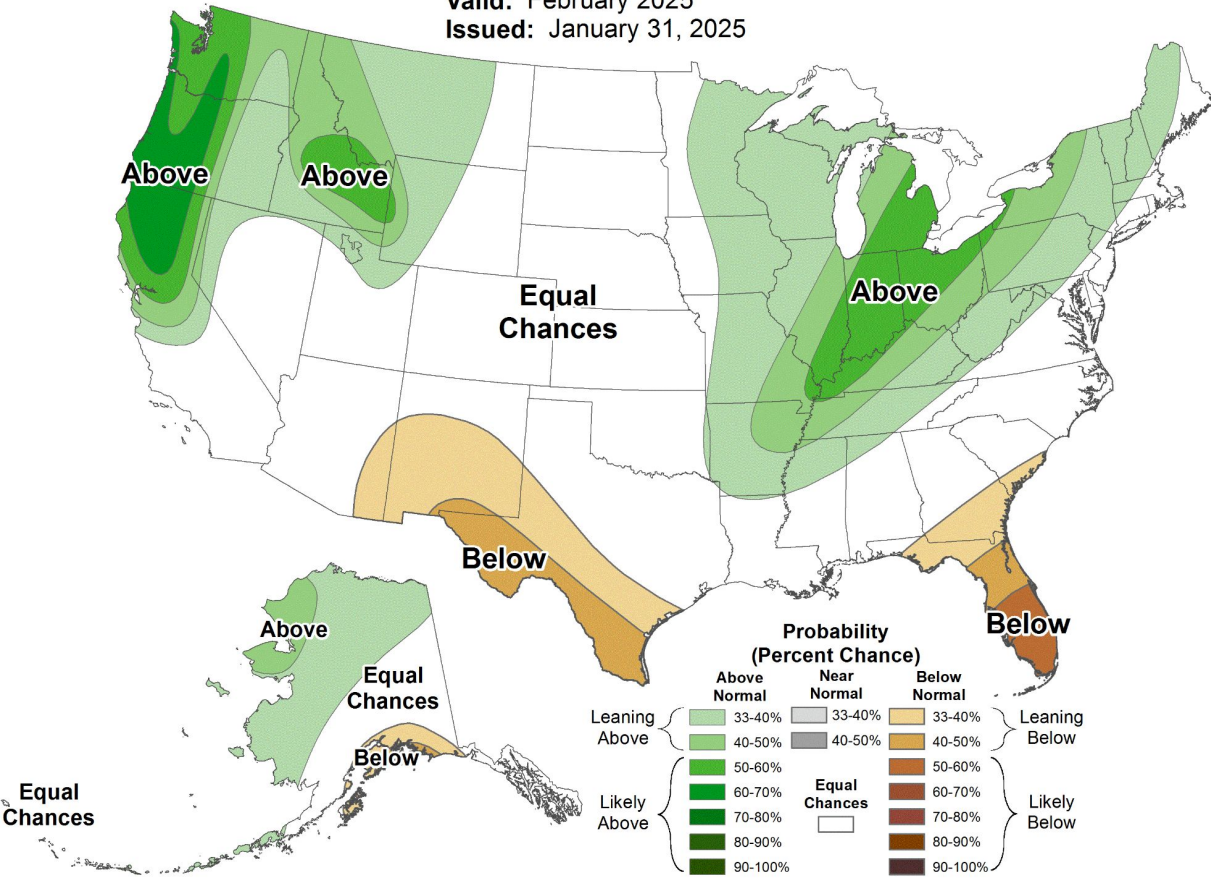
Precipitation Outlooks



Monthly Precipitation Outlook



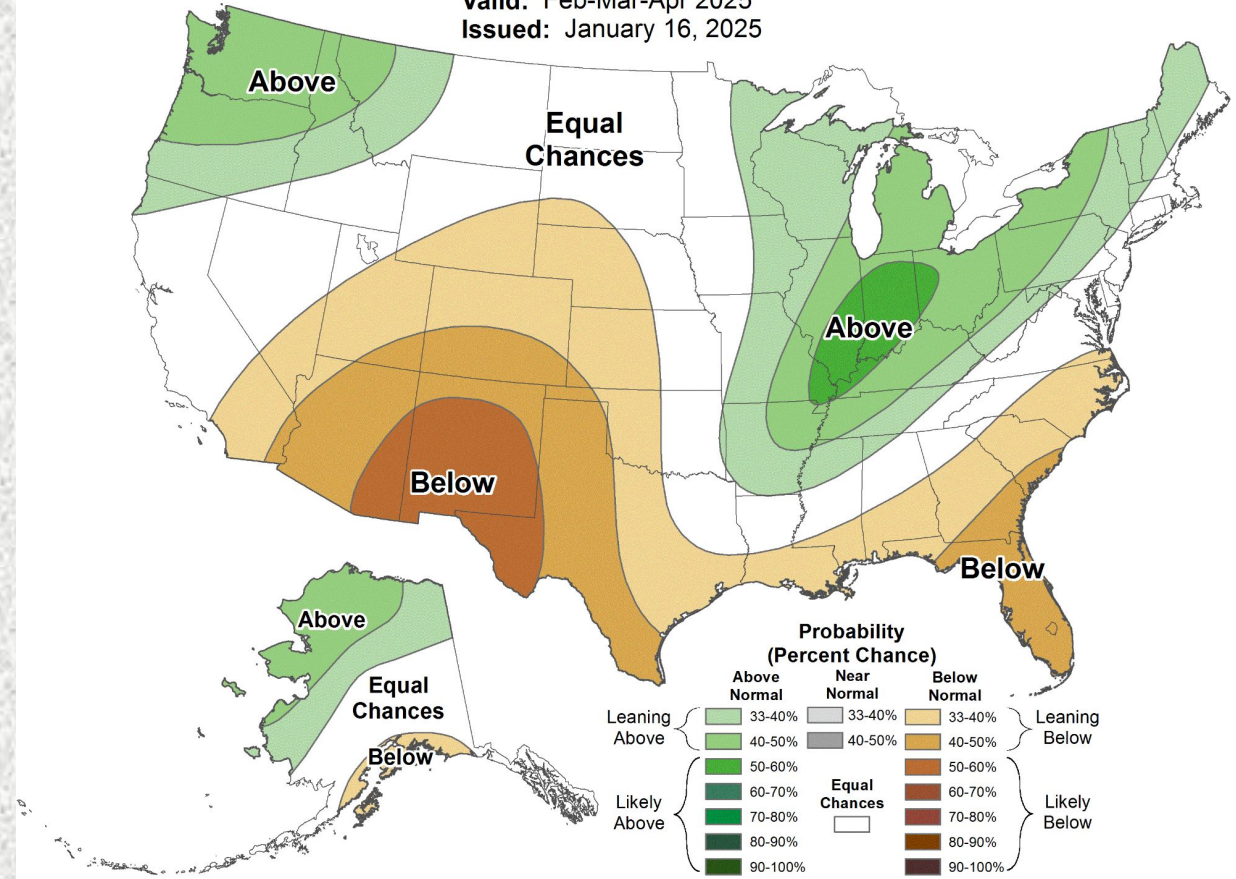
Valid: February 2025
 Issued: January 31, 2025



Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2025
 Issued: January 16, 2025



Flood Products Issued

| Product | Number Issued |
|--|------------------|
| Flash Flood Watch (FFA) | 0 |
| 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) | 3 (ETN: 001-003) |
| Probabilistic Hydrologic Outlook (ESF) | 6 |