

NWS Houston/Galveston Monthly Hydrologic Report December 2022

Produced by: Cameron Batiste

Date: 01/04/2023

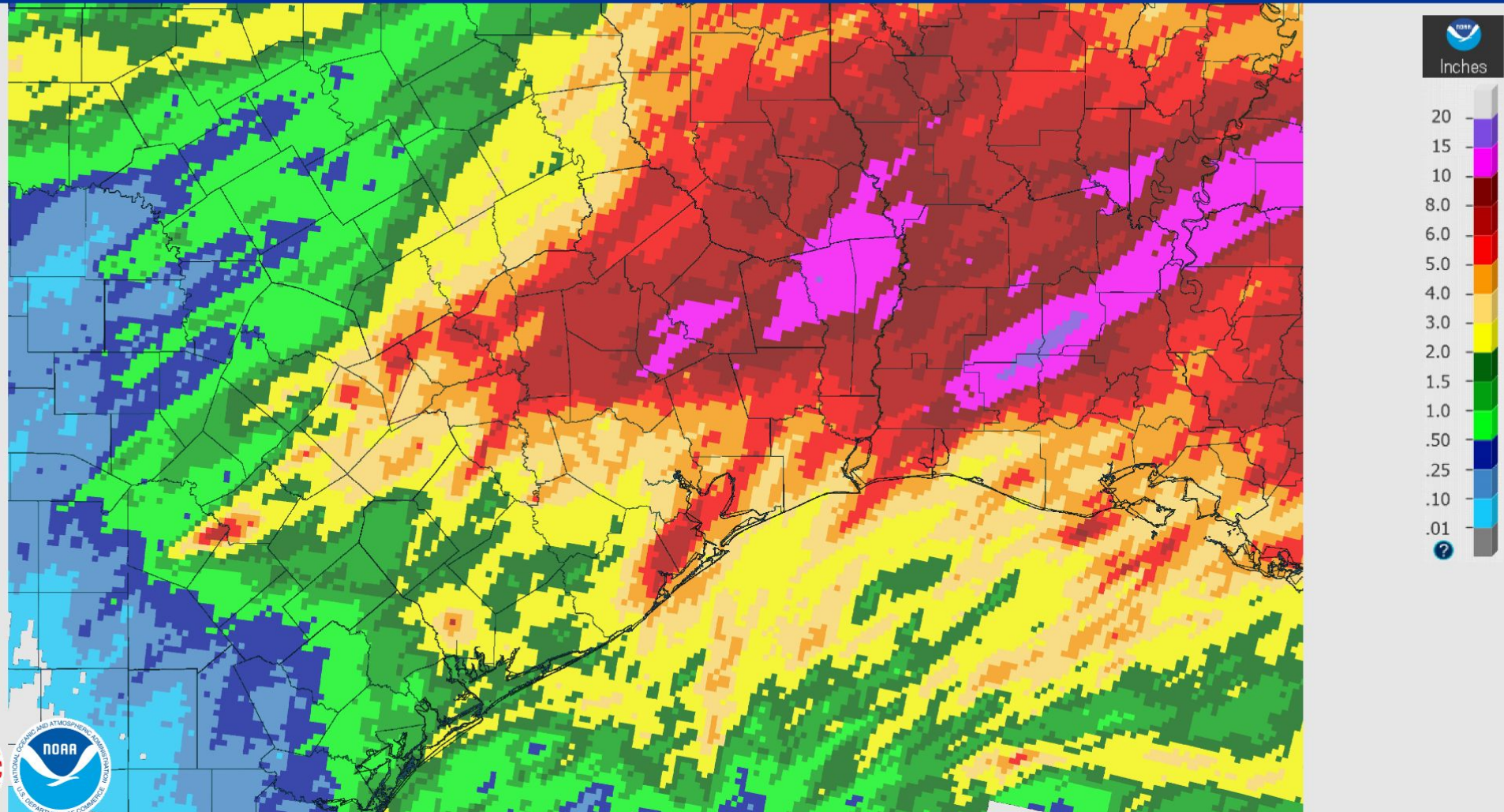
December was a fairly wet month that saw a further decrease in drought thanks to two rounds of beneficial rain towards the beginning of the month and the end of the month. The Brazos Valley and Piney Woods area obtained the most rainfall for the month. December will be mainly remembered for non-hydro reasons though with the big Arctic freeze around Christmas.

Monthly Precipitation

December 01, 2022 Monthly Observed Precipitation

Created on: January 04, 2023 - 16:27 UTC

Valid on: January 01, 2023 12:00 UTC

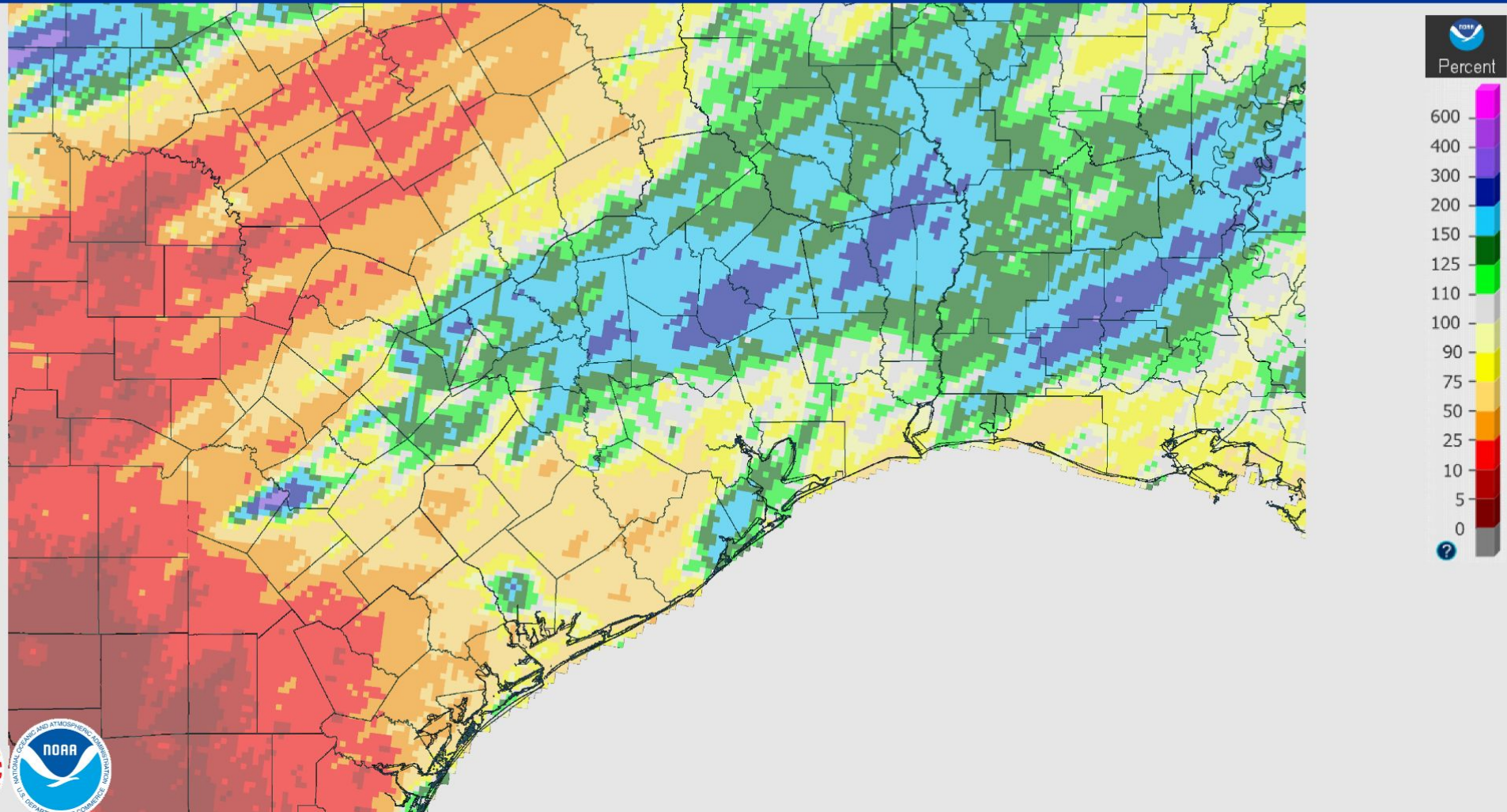


Monthly Percent of Normal Precipitation

December 01, 2022 Monthly Percent Precipitation

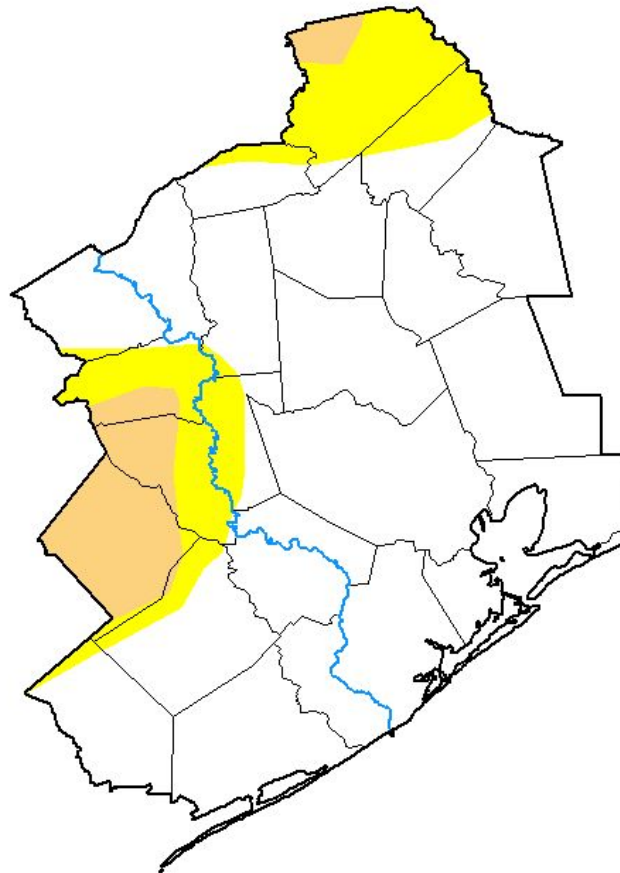
Created on: January 04, 2023 - 16:29 UTC

Valid on: January 01, 2023 12:00 UTC



U.S. Drought Monitor

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



December 27, 2022
(Released Thursday, Dec. 29, 2022)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	77.80	22.20	7.80	0.00	0.00	0.00
Last Week 12-20-2022	77.80	22.20	7.80	0.00	0.00	0.00
3 Months Ago 09-27-2022	32.19	67.81	21.97	4.76	0.83	0.00
Start of Calendar Year 01-04-2022	6.94	93.06	46.95	3.61	0.00	0.00
Start of Water Year 09-27-2022	32.19	67.81	21.97	4.76	0.83	0.00
One Year Ago 12-28-2021	12.51	87.49	7.86	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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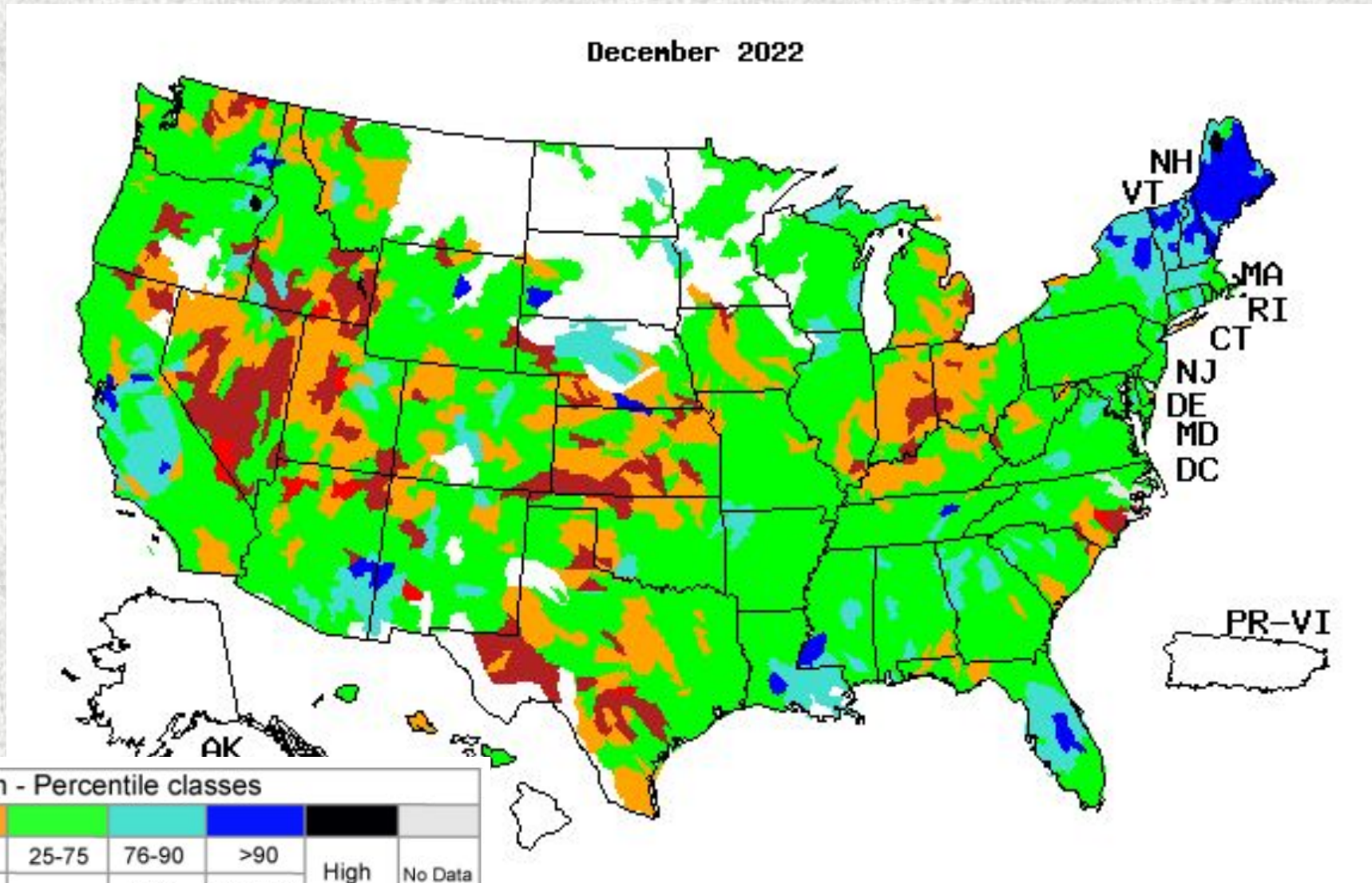


droughtmonitor.unl.edu

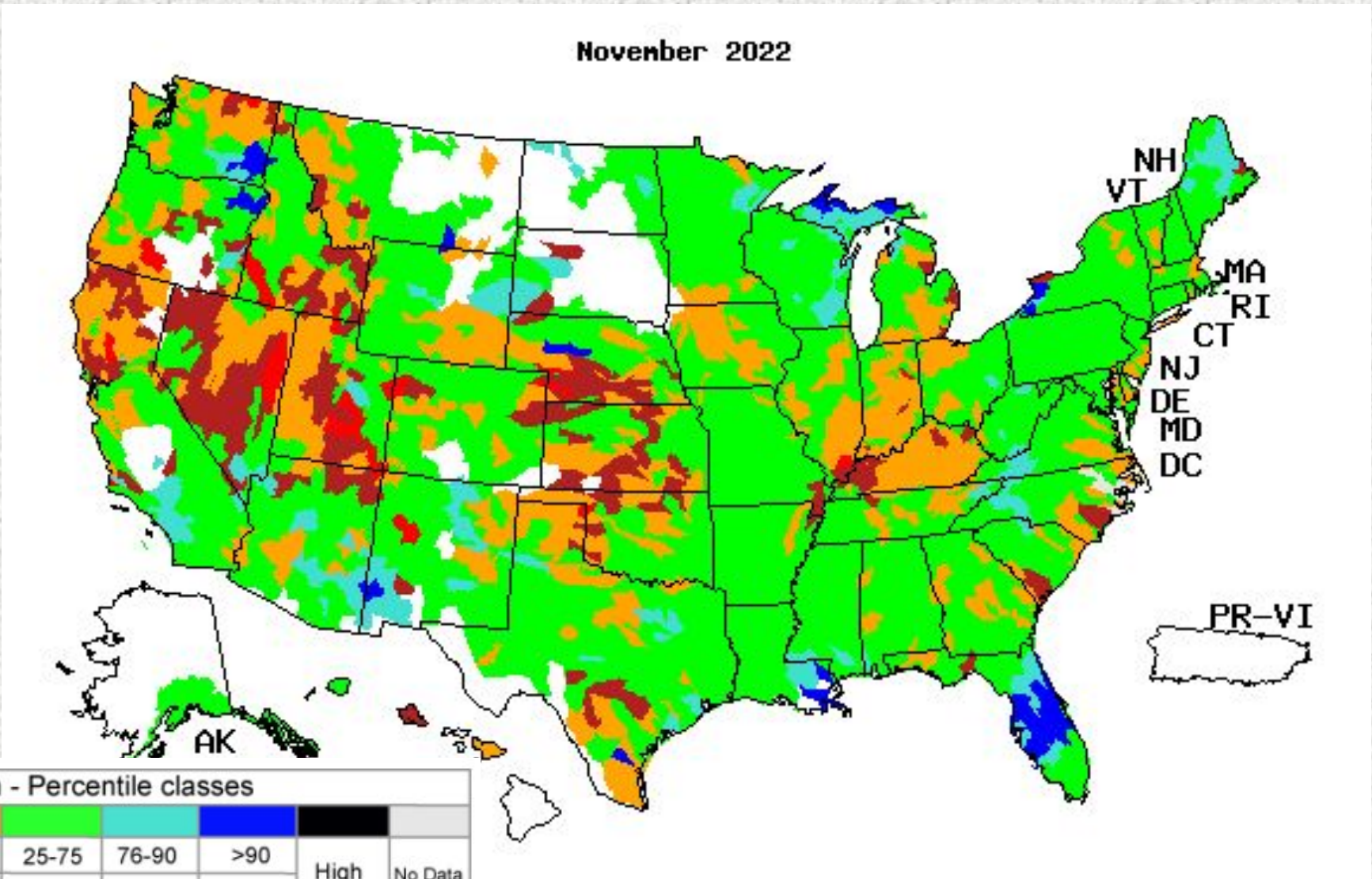
River Flooding

River and Station	Flood Stage (feet)	Crest Stage (feet)	Crest Date
No Forecast Warning Points			

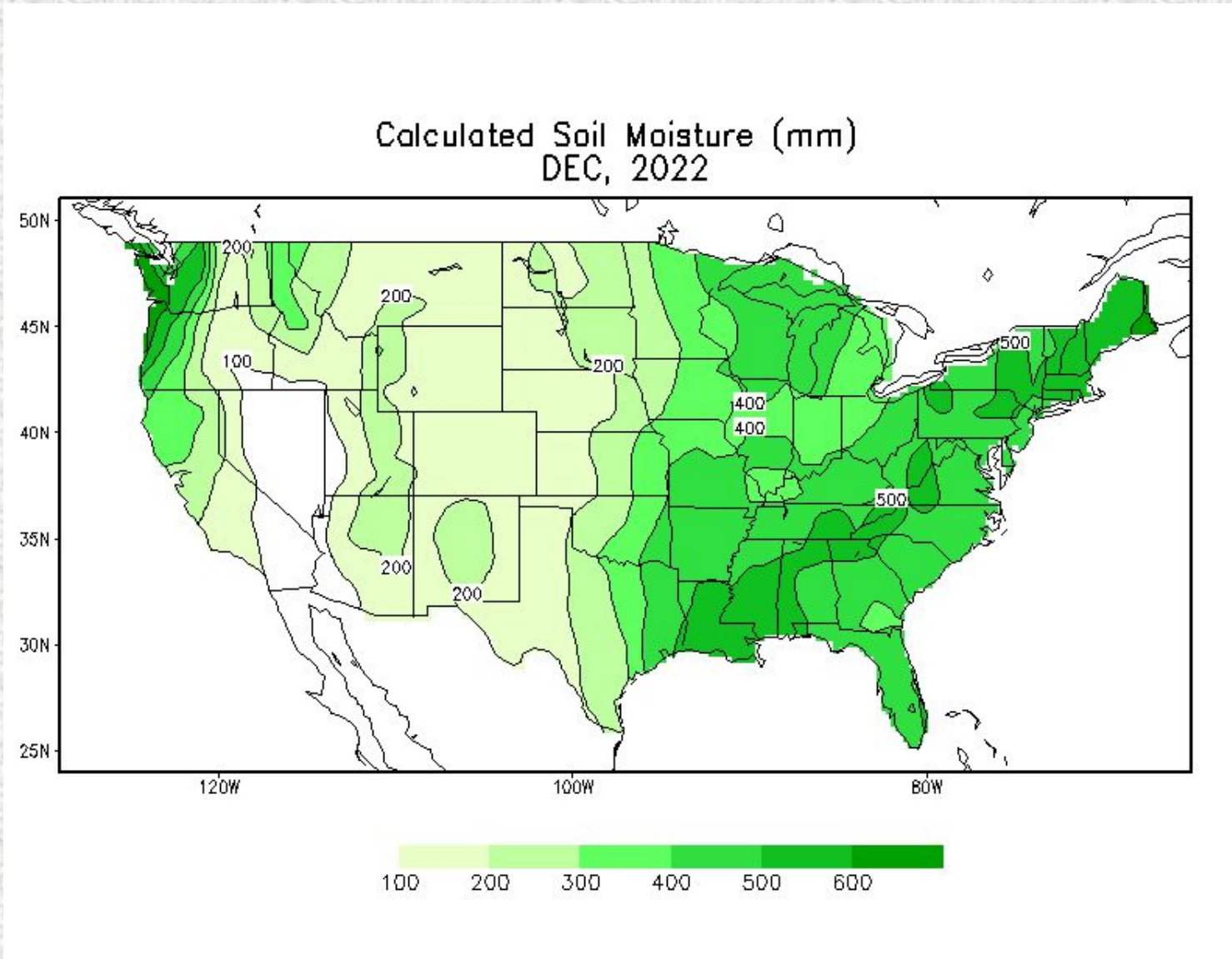
Monthly Average Streamflow



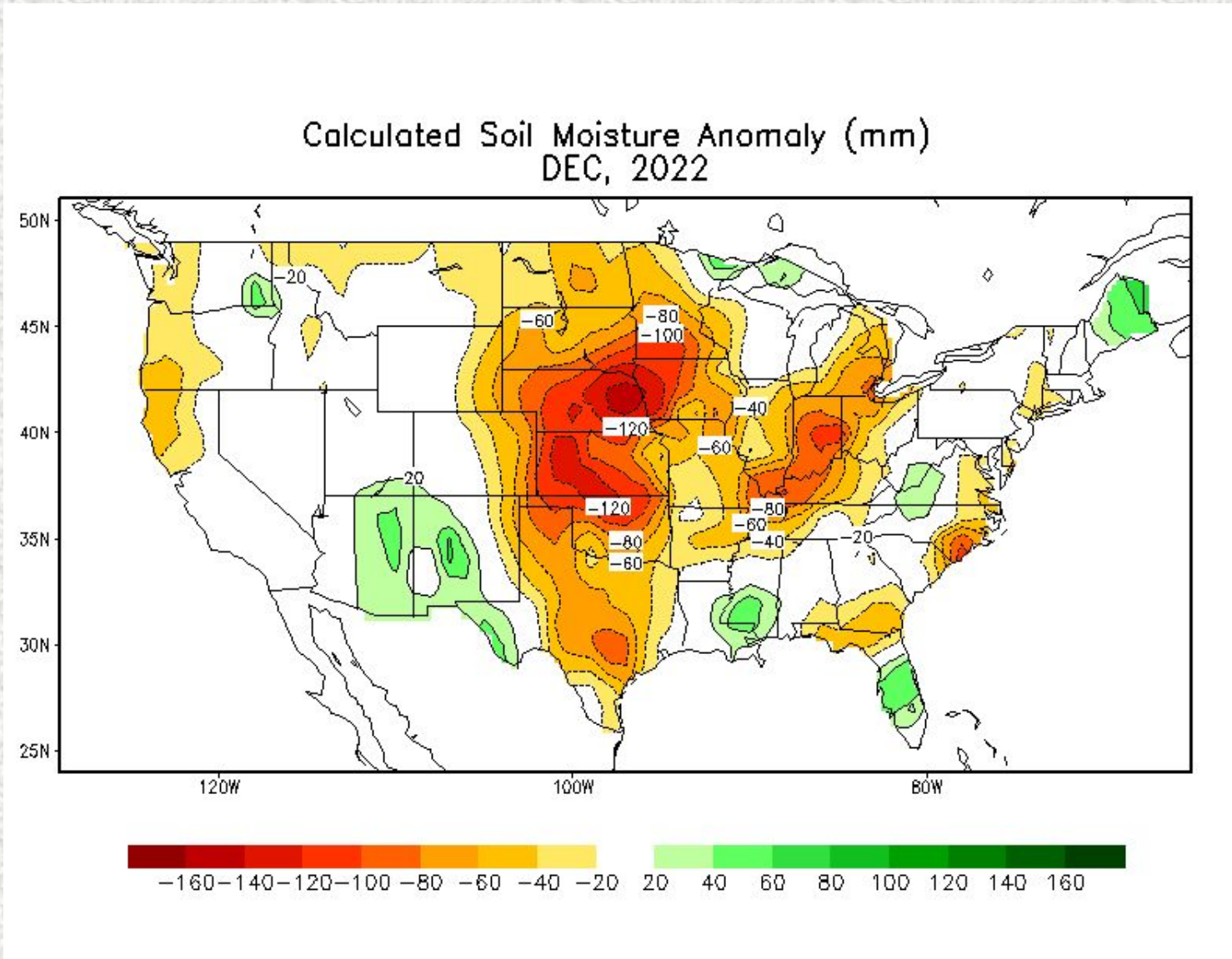
Previously Monthly Average Streamflow



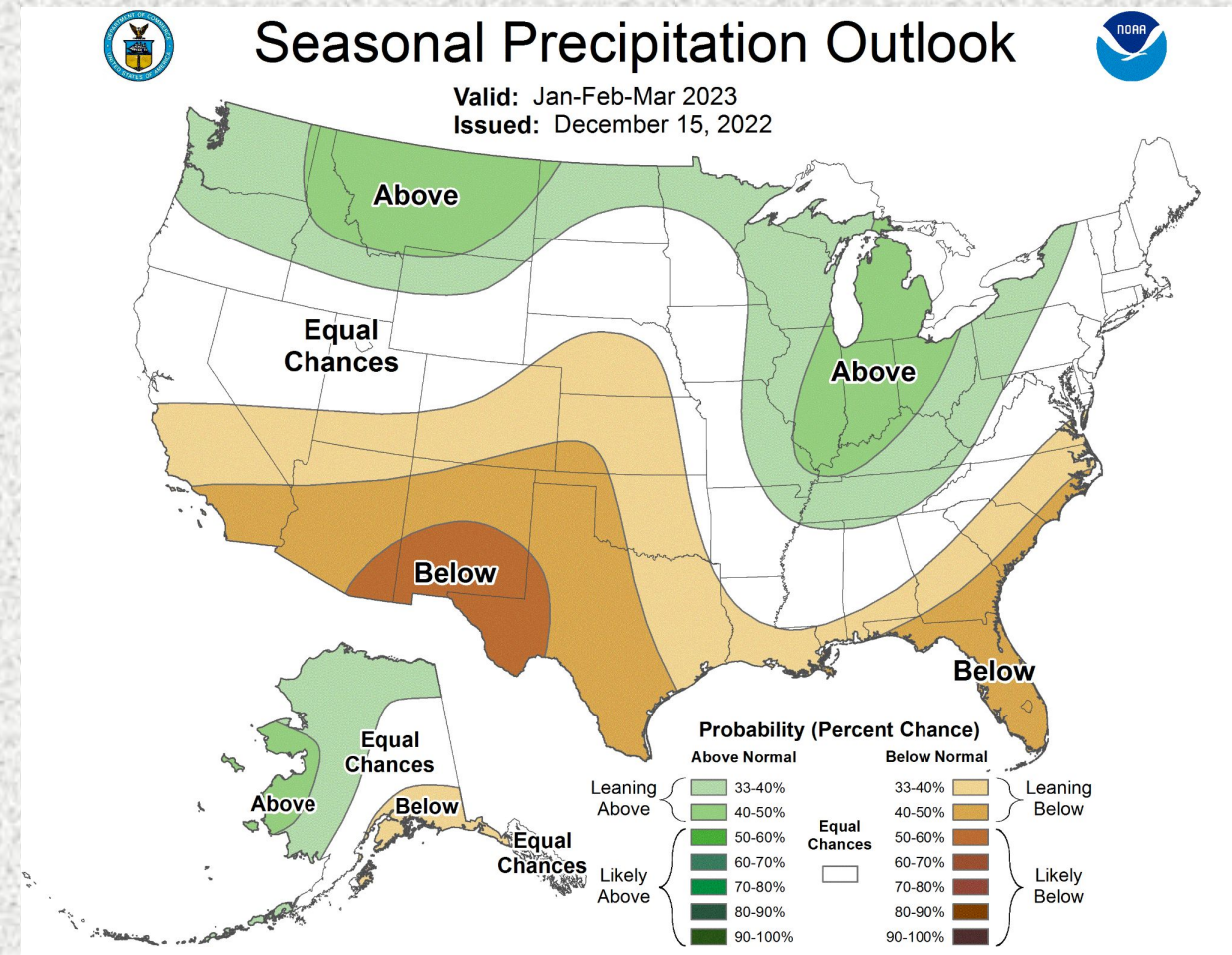
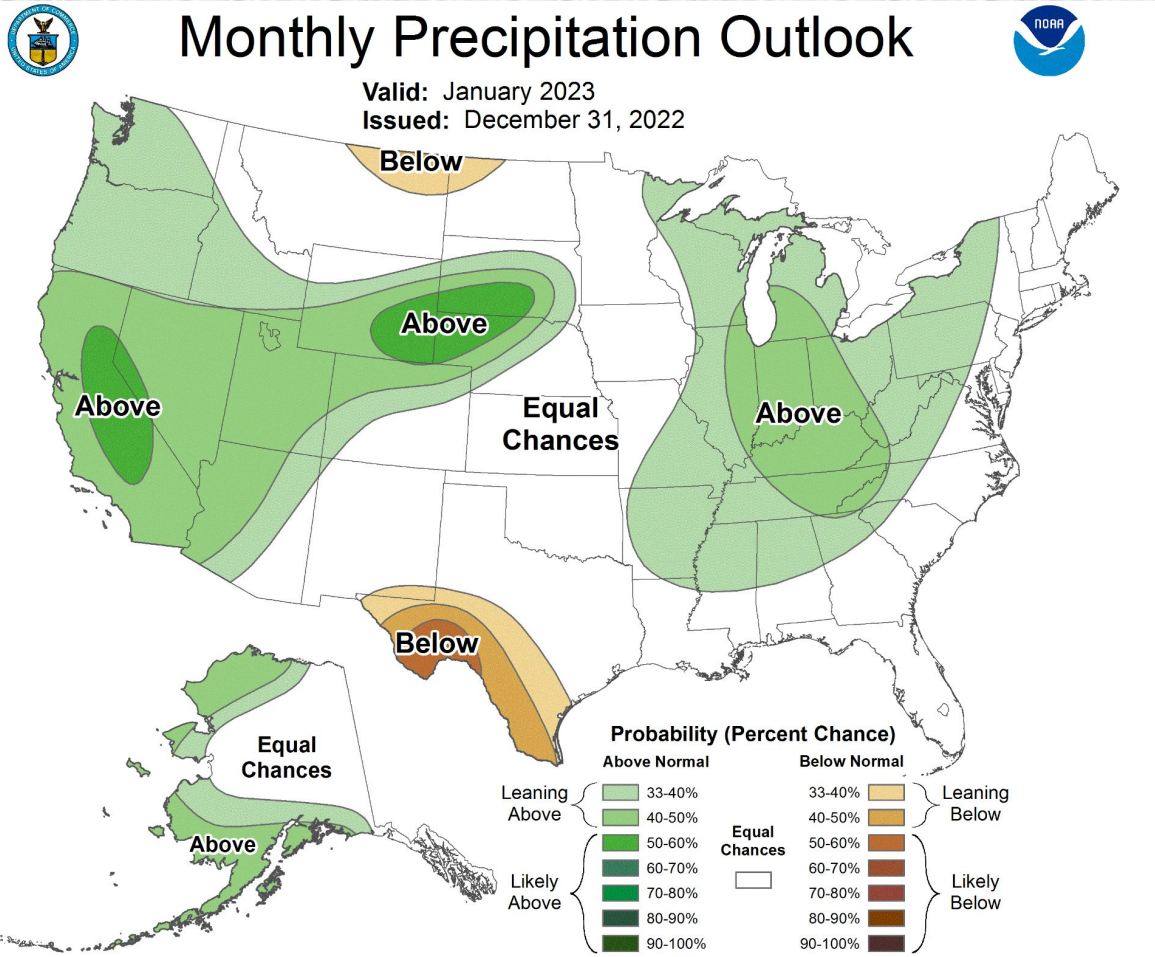
Soil Moisture



Soil Moisture Anomaly



Precipitation Outlooks



Flood Products Issued

Product	Number Issued
Flash Flood Watch (FFA)	0
Flash Flood Warning (FFW)	2 (ETN: 014-015)
Flash Flood Statement (FFS)	0
Areal Flood Warning	2 (ETN: 007-008)
River Flood Warnings (FLW)	0
River Flood Statements	10
Flood Advisories (FLS)	10 (ETN: 085-094)
Probabilistic Hydrologic Outlook (ESF)	6