



April 2025

Monthly Hydrologic and Flood

Stage Report (E5/E3)

NWS Austin/San Antonio, TX

Prepared by: Chris Morris

May 2, 2024

X An X inside this box indicates that no flooding occurred within this hydrologic service area.



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Monthly Summary

Key Messages

- Area streamflows and reservoir levels remain low
 - Some improvement noted out west due to above normal rainfall and upstream runoff
- While there was localized improvement for areas that saw above normal precip during April, drought conditions persisted or worsened given long term deficits
- Monthly outlook shines a ray of hope on potential improvements across the service area during the month of May with the entire service area having above normal chances
- The Seasonal outlook, which goes into the summer, is a little less optimistic with above normal temperatures and either below normal or equal chances for precipitation across the service area





Hydrologic Products Issued for the Month

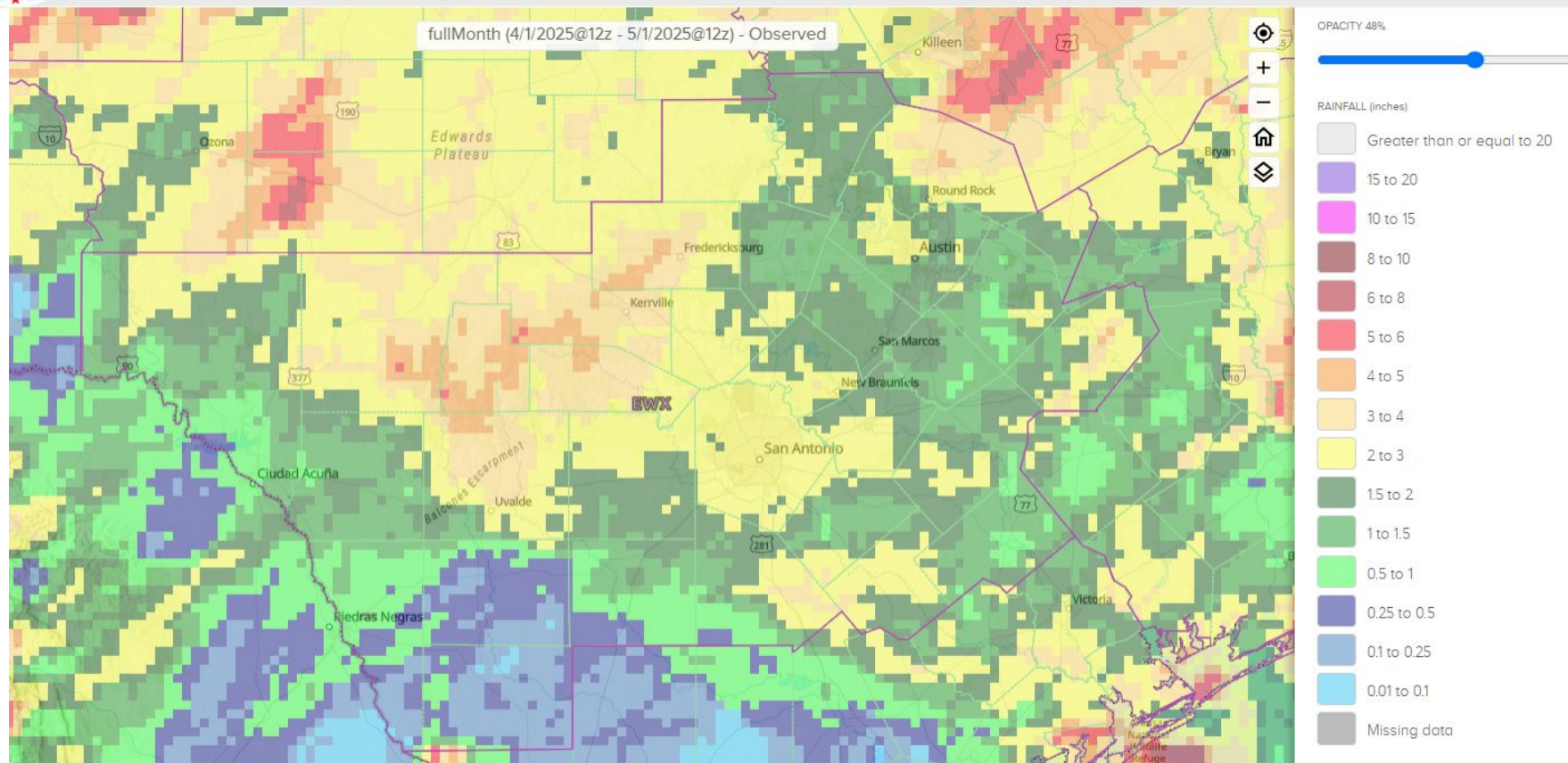
Product Issued	Number Issued	Additional Comments
Flood Warning (FLW)	0	
Flood Advisory (FLS)	4	Issued for urbanized areas
Flood Watch (FFA)	0	
Flash Flood Warning (FFW)	0	
Flash Flood Statement (FFS)	0	
Hydrologic Outlook (ESF)	0	NWPS probabilistic forecasts automatically posted for the Brazos, Colorado, Guadalupe, San Antonio, Pecos, and Nueces Rivers.





Monthly Rainfall

Observed Rainfall (Inches)



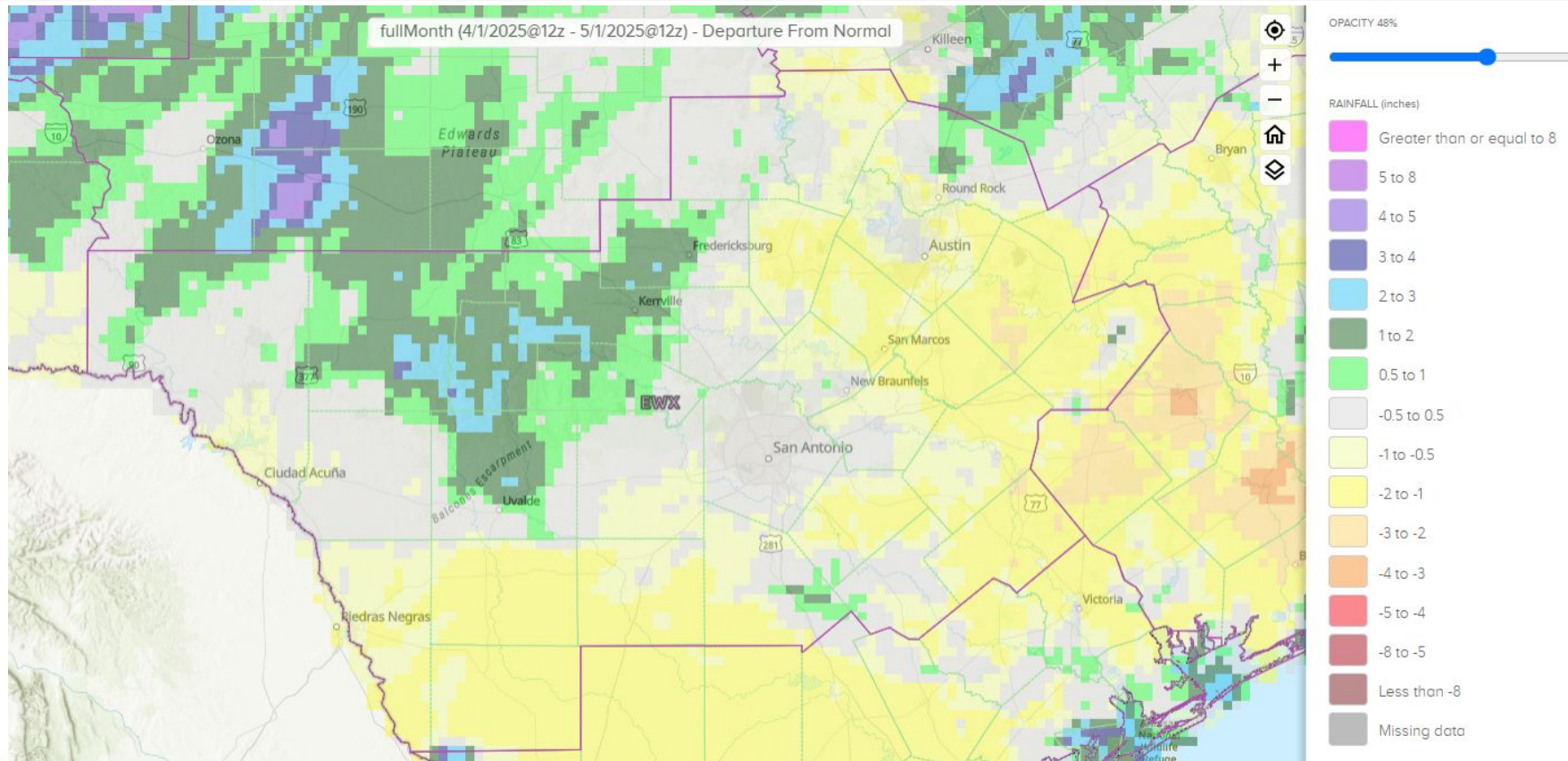
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Monthly Rainfall

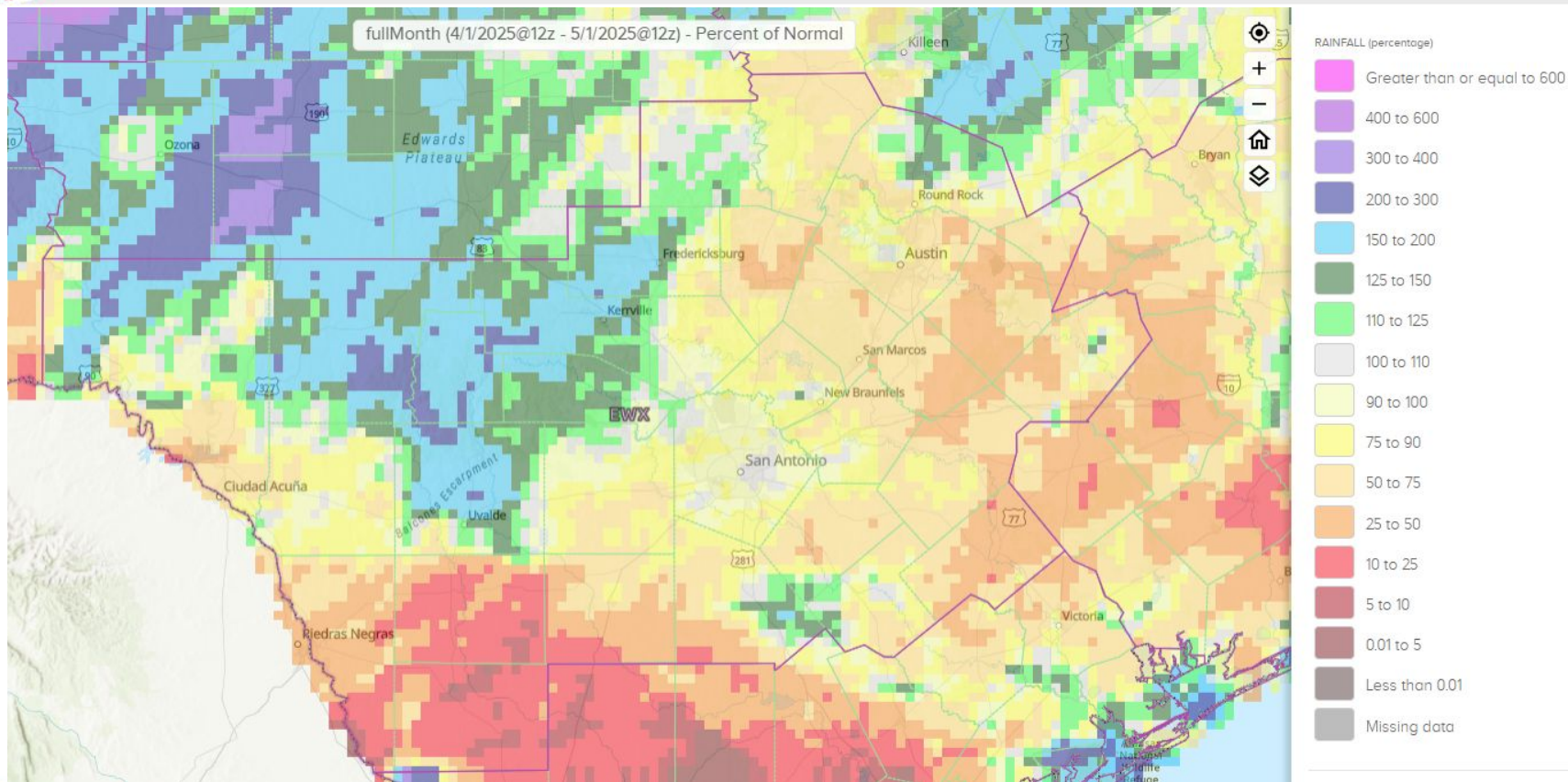
Departure from Normal Rainfall (Inches)





Monthly Rainfall

Percent of Normal Rainfall (%)



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Climate Station Rainfall Data For the Month

Austin/San Antonio Area

	Monthly Rainfall	Monthly Average	2025 Rainfall Through Month	1991-2020 Normal Through Month	2025 Percent of Normal
Austin – Bergstrom	1.68"	2.39"	8.78"	10.00"	88%
Austin – Mabry	2.07"	2.42"	7.53"	9.83"	77%
Del Rio	0.61"	1.50"	1.05"	3.92"	27%
San Antonio	1.91"	2.42"	5.61"	8.43"	67%

*The monthly averages and normal values are for the period 1991-2020





Climate Station Rainfall Data For the Month

Nearby Offices:

	Monthly Rainfall	Monthly Average	2025 Rainfall Through Month	1991-2020 Normal Through Month	2025 Percent of Normal
College Station	1.07"	2.87"	6.77"	12.61"	54%
Corpus Christi	0.52"	2.04"	5.24"	7.00"	75%
Laredo	0.05"	1.47"	2.00"	4.80"	42%
San Angelo	2.71"	1.47"	3.82"	5.07"	75%
Victoria	1.26"	3.01"	5.61"	10.63"	53%
Waco	4.44"	3.30"	12.11"	11.88"	102%

*The monthly averages and normal values are for the period 1991-2020





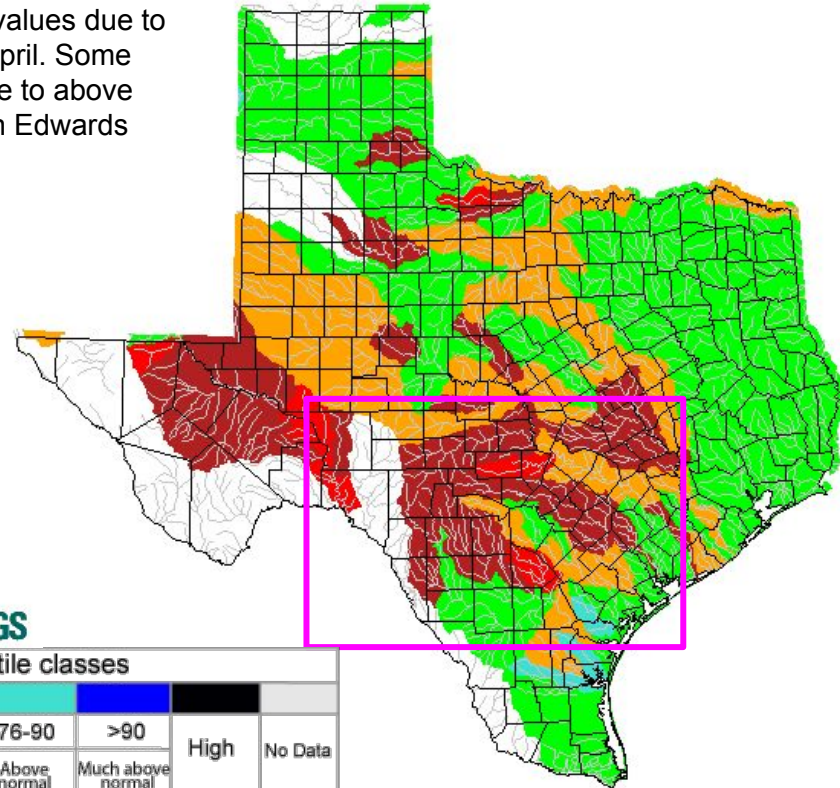
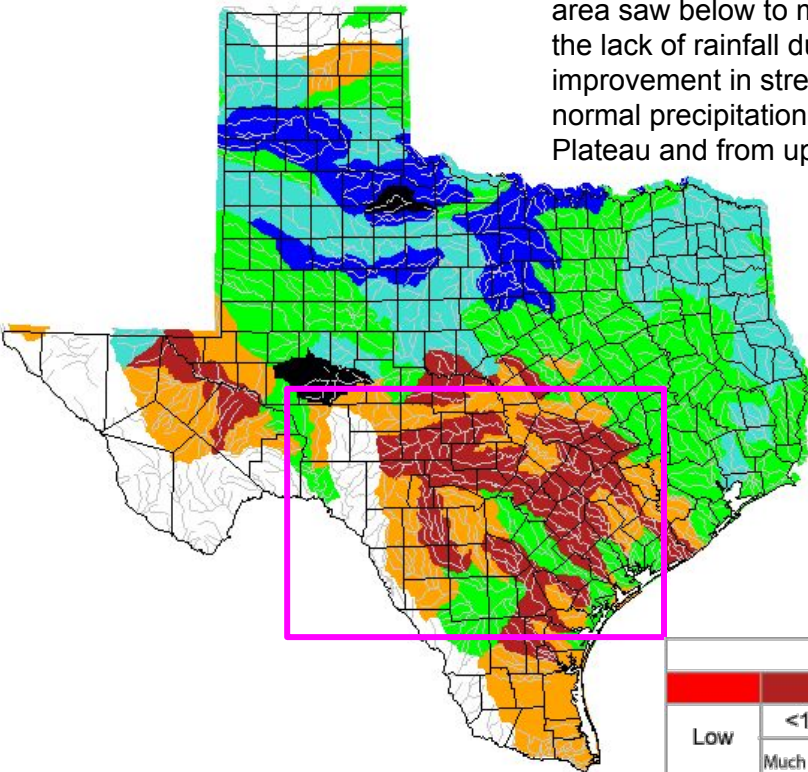
Monthly Historical Streamflow Comparison

Streamflow Comparison

April 2025

Streamflows across the eastern half of the service area saw below to much below normal values due to the lack of rainfall during the month of April. Some improvement in streamflow as noted due to above normal precipitation across the southern Edwards Plateau and from upstream runoff.

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		



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Reservoir Data For the Month

Data from the TWDB [Water Data For Texas Dashboard](#)

Reservoir	Conservation Elevation (feet)	End of Month Elevation (feet)	Monthly Change (Feet)
Lake Buchanan	1020	998.74	-1.76
Lake Travis	681	635.69	-0.61
Canyon Lake	909	877.85 New record low	-0.82
Medina Lake	1064.2	969.57	-0.72
Lake Amistad	1117	1048.84	-1.94





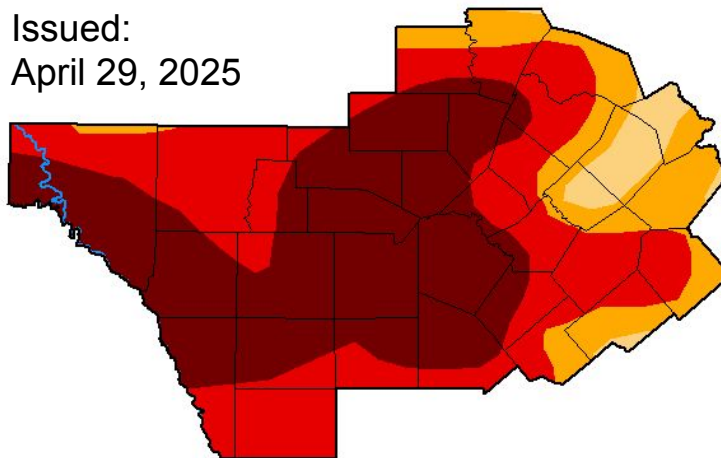
Drought Conditions

Monthly Drought Monitor Comparison

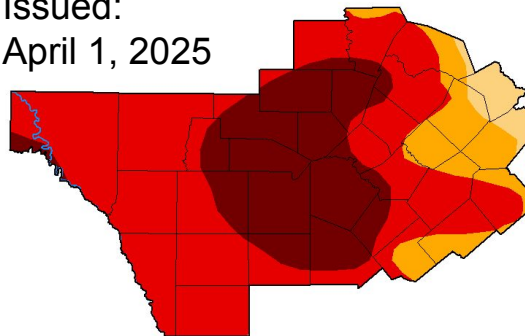
Localized heavy rainfall allowed for isolated areas of drought improvement over the month of April, while the prolonged rainfall deficits resulted in drought conditions worsening over portions of the service area.

- D4 drought encompasses 45.24% of the CWA
- D3 drought encompasses 36.35% of the CWA
- D2 drought encompasses 14.31% of the CWA

Issued:
April 29, 2025



Issued:
April 1, 2025



April 29, 2025

(Released Thursday, May 1, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	0.00	0.00	4.11	14.31	36.35	45.24
Last Week 04-22-2025	0.00	0.00	0.01	11.00	41.23	47.77
3 Months Ago 01-28-2025	0.00	1.57	22.95	40.25	35.24	0.00
Start of Calendar Year 01-07-2025	0.00	1.57	42.72	37.65	18.06	0.00
Start of Water Year 10-01-2024	9.75	56.59	28.92	4.42	0.33	0.00
One Year Ago 04-30-2024	22.48	7.49	24.01	38.25	7.77	0.00

Intensity:

None

D0 Abnormally Dry

D1 Moderate Drought

D2 Severe Drought

D3 Extreme Drought

D4 Exceptional Drought



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One Month Outlook

The Monthly Outlook

- The Precipitation Outlook for May now shows above normal chances for rainfall across the entire service area
- The Temperature Outlook shows that portions of the I-35 corridor and Coastal Plains have above normal chances while the remainder of the service area has above, below, or near normal chances

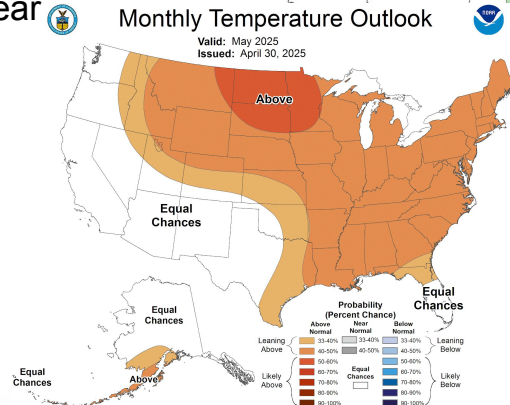
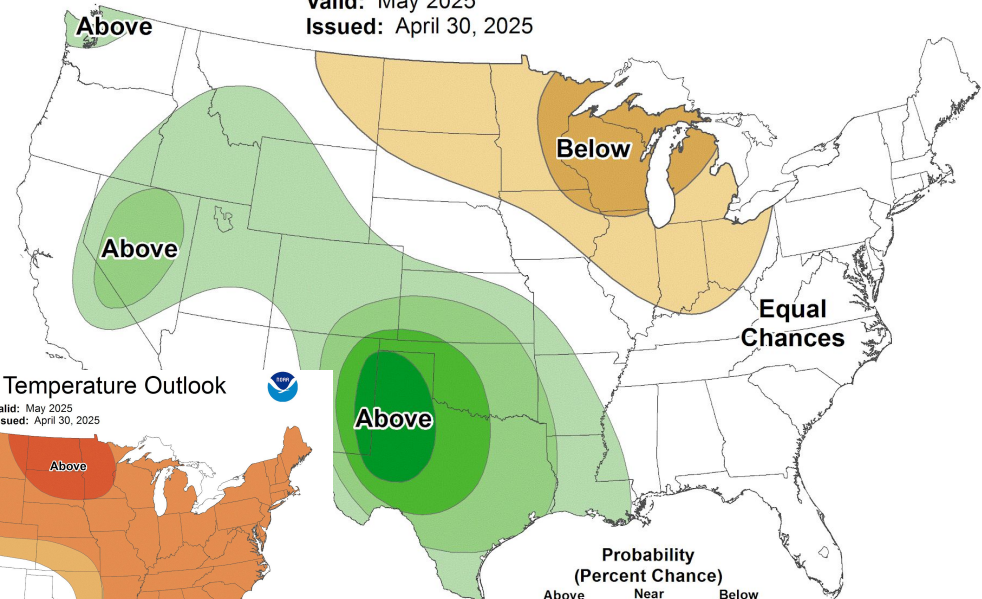
[Click for latest graphics](#)



Monthly Precipitation Outlook

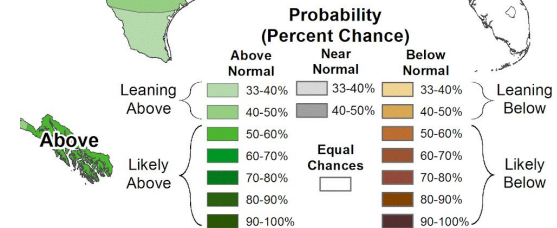


Valid: May 2025
Issued: April 30, 2025



Monthly Temperature Outlook

Valid: May 2025
Issued: April 30, 2025



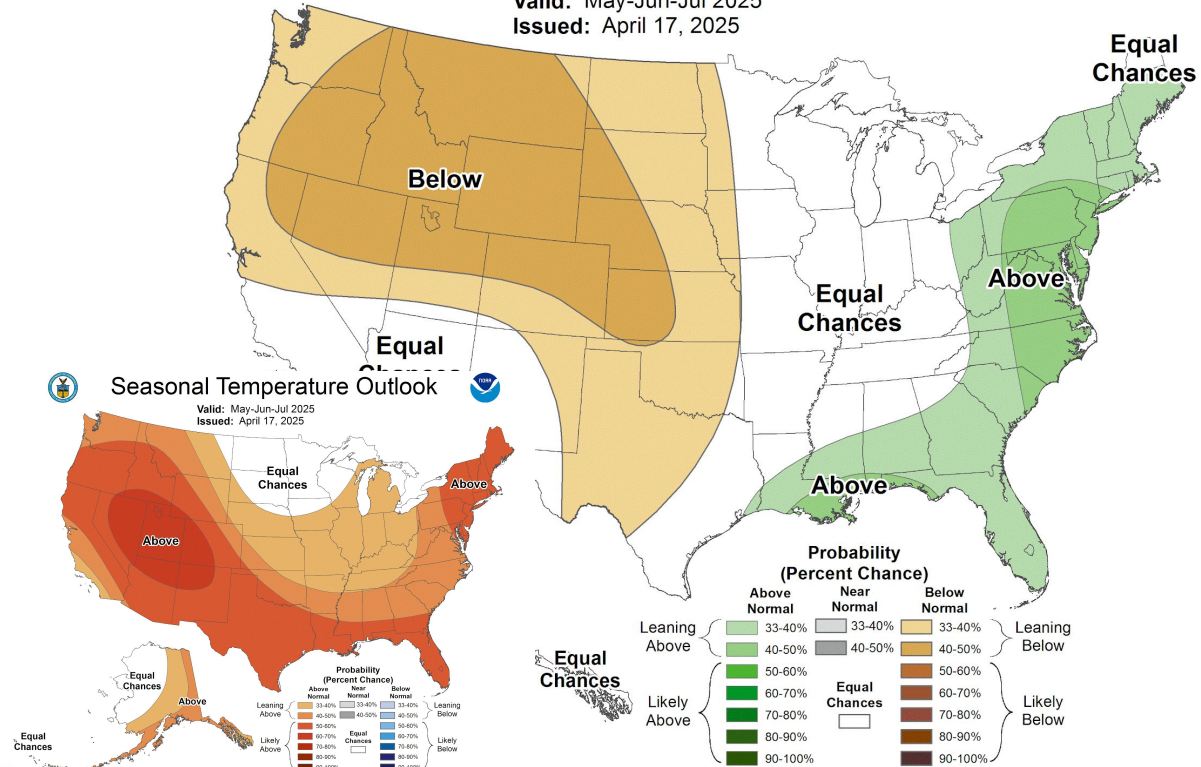
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- The Precipitation Outlook for the going into the Summer leans towards below normal precipitation for portions of the southern Edwards Plateau and Hill Country
 - The remainder of the area has equal chances for above, below, or near normal rainfall
- Temperature Outlook going into the Summer shows a strong signal for above normal temperatures across the service area

[Click for latest graphics](#)



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For additional rainfall, stream, soil moisture, or drought information please refer to the links provided below.

Daily, Monthly and Yearly summaries of precipitation and departure from normal are available from the West Gulf River Forecast Center at: <http://www.weather.gov/wgrfc/>

Or from the Precipitation Analysis page at: <https://water.noaa.gov/precip>

Streamflow conditions are available from the United States Geological survey at:
<http://waterdata.usgs.gov/tx/nwis/rt>

Soil moisture conditions are available from the Climate Prediction Center at:
http://www.cpc.ncep.noaa.gov/products/Soilmst_Monitoring/US/Soilmst/Soilmst.shtml

National Integrated Drought Information System: <http://www.drought.gov/>

