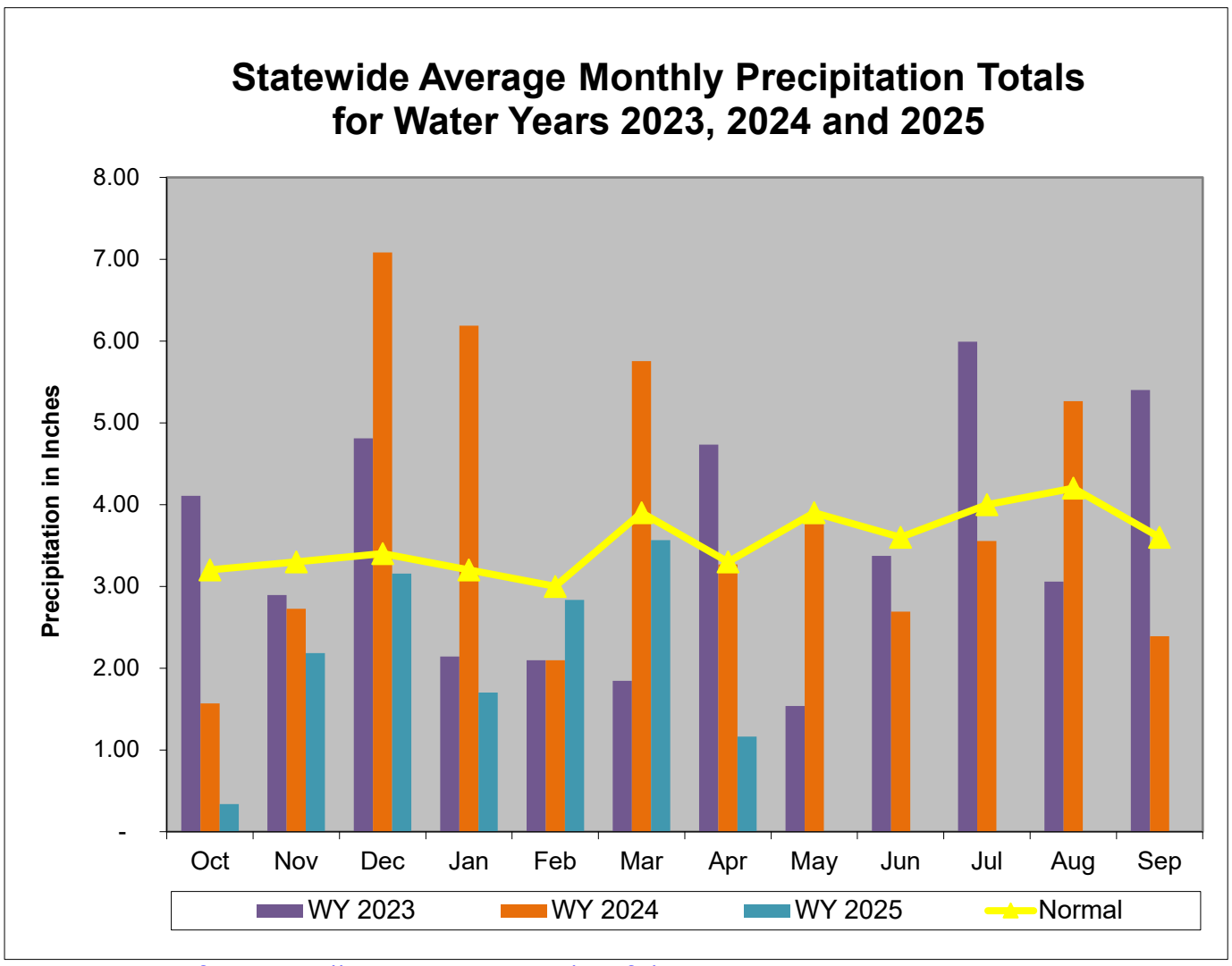
Overall Hydrologic Status for Maryland

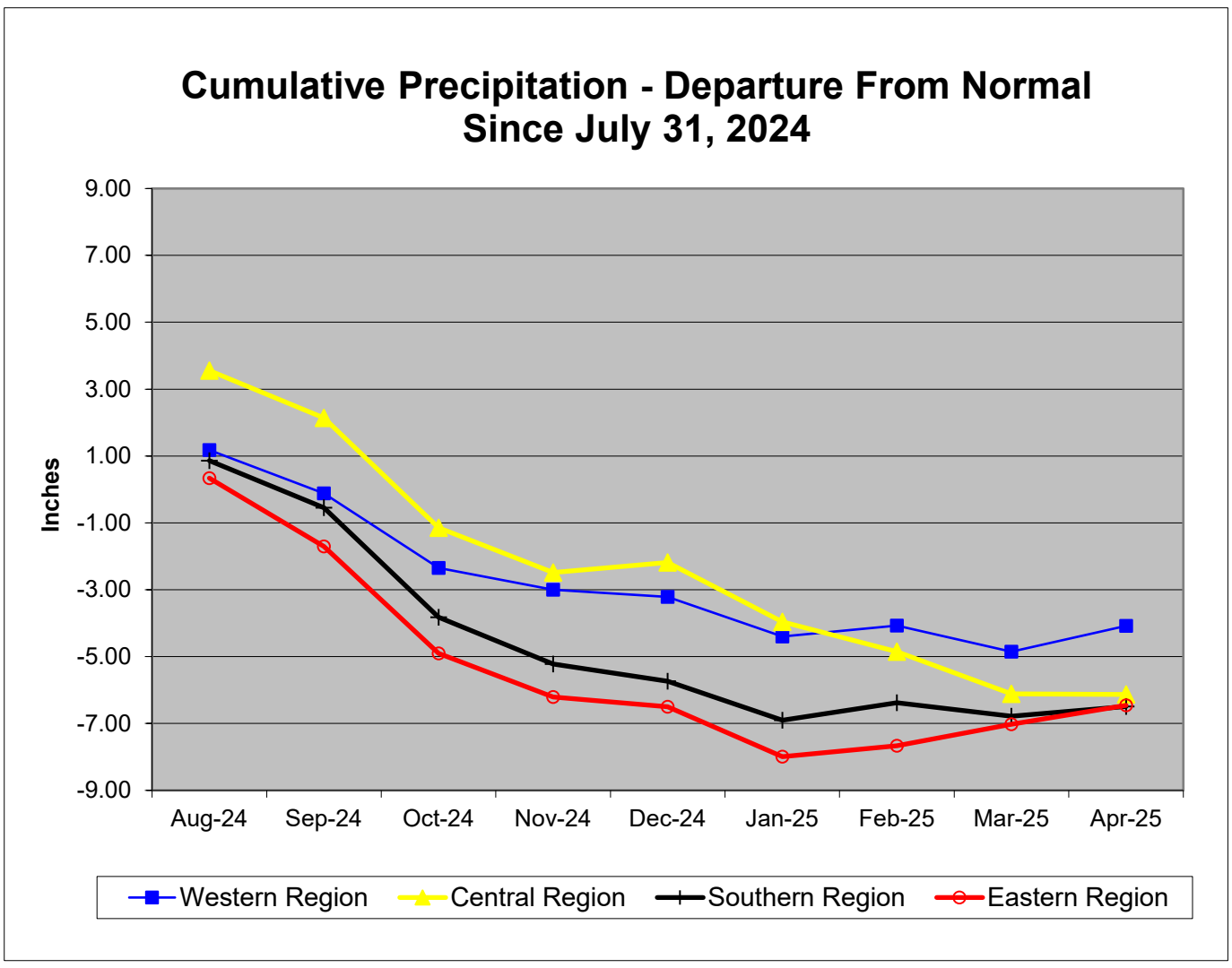
Summary of Hydrologic Indicators for 07 April 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Watch	Emergency	Emergency	Normal	Warning
Central	Emergency	Emergency	Warning	Normal	Warning
Eastern	Watch	Watch	Emergency		Warning
Southern	Watch		Watch		Warning

Notes:
WSSC has extended their drought Watch as of November 7th:
https://www.mwcog.org/newsroom/2024/11/07/officials-extend-drought-watch-for-dc-region-drought/

Precipitation Indicators for Maryland Drought Regions April 7, 2025						
	Since Sept 30, 2024		Since Oct 31, 2024		Since April 30, 2024	
Regions	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**
Western	81%	Normal	90%	Normal	84%	Watch
Central	61%	Warning	72%	Watch	78%	Watch
Eastern	77%	Watch	91%	Normal	84%	Watch
Southern	72%	Watch	85%	Normal	76%	Warning
WY or Water Year begins on October 1.						



Data obtained from: http://www.weather.gov/marfc/Precipitation_Departures



Precipitation in Maryland Counties
as of 07 April 2025 (WY 2025)

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY[1] To Date (Since September 30, 2024)				11.25 Months (Since April 30, 2024)				2.25 Months (Since January 31, 2024)				5.25 Months (Since October 31, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	18.3	11.5	-6.8	63%	36.5	27.5	-8.9	75%	6.9	5.4	-1.5	78%	15.5	10.5	-5.0	68%
	GARRETT	21.7	19.3	-2.4	89%	43.5	35.7	-7.8	82%	8.2	6.8	-1.4	83%	18.7	18.0	-0.7	96%
	WASHINGTON	21.5	18.9	-2.7	88%	41.1	37.9	-3.2	92%	8.1	12.0	3.8	147%	18.3	18.8	0.5	103%
	Regional Average	20.5	16.5	-4.0	81%	40.4	33.7	-6.6	84%	7.7	8.1	0.3	104%	17.5	15.8	-1.7	90%
CENTRAL REGION	BALTIMORE COUNTY	22.4	13.3	-9.2	59%	42.5	32.4	-10.1	76%	8.0	5.4	-2.5	68%	18.5	12.8	-5.8	69%
	CARROLL	21.1	12.7	-8.4	60%	40.8	32.8	-8.0	80%	7.6	5.1	-2.5	67%	17.5	12.1	-5.4	69%
	CECIL	21.7	15.4	-6.3	71%	42.1	32.9	-9.2	78%	7.7	7.8	0.0	100%	18.1	15.3	-2.8	85%
	FREDERICK	20.2	11.4	-8.9	56%	39.4	31.2	-8.3	79%	7.3	4.4	-2.9	60%	16.8	10.9	-5.9	65%
	HARFORD	22.0	13.8	-8.3	63%	42.9	31.1	-11.8	73%	7.8	6.0	-1.8	77%	18.1	13.5	-4.7	74%
	HOWARD	21.7	13.1	-8.6	60%	41.5	33.6	-8.0	81%	7.8	5.1	-2.7	65%	18.0	12.7	-5.3	71%
	MONTGOMERY	20.4	12.1	-8.3	59%	40.0	31.9	-8.1	80%	7.4	4.6	-2.8	62%	16.9	11.8	-5.1	70%
	Regional Average	21.4	13.1	-8.3	61%	41.3	32.3	-9.1	78%	7.7	5.5	-2.2	72%	17.7	12.7	-5.0	72%
SOUTHERN REGION	ANNE ARUNDEL	20.8	14.1	-6.7	68%	40.1	30.8	-9.3	77%	7.5	6.8	-0.8	90%	17.3	13.7	-3.6	79%
	CALVERT	21.3	15.5	-5.8	73%	41.3	30.1	-11.2	73%	7.7	8.8	1.1	114%	17.7	15.3	-2.4	86%
	CHARLES	20.5	14.2	-6.2	70%	39.9	29.0	-10.8	73%	7.4	7.5	0.1	102%	17.0	14.0	-3.0	82%
	PRINCE GEORGES	20.6	14.1	-6.4	69%	39.8	30.2	-9.6	76%	7.3	6.9	-0.4	94%	17.0	13.8	-3.2	81%
	ST MARYS	21.3	16.7	-4.6	78%	41.0	32.9	-8.1	80%	7.8	9.8	2.1	126%	17.7	16.5	-1.2	93%
	Regional Average	20.9	14.9	-5.9	72%	40.4	30.6	-9.8	76%	7.5	7.9	0.4	105%	17.3	14.6	-2.7	85%
EASTERN REGION	CAROLINE	21.0	17.0	-4.0	81%	40.6	34.6	-6.0	85%	7.6	9.8	2.2	128%	17.6	17.0	-0.7	96%
	DORCHESTER	21.4	17.8	-3.6	83%	41.2	34.9	-6.3	85%	7.8	10.6	2.8	135%	17.9	17.7	-0.2	99%
	KENT	21.0	14.8	-6.2	71%	40.7	30.1	-10.5	74%	7.6	7.6	-0.0	100%	17.5	14.6	-2.9	83%
	QUEEN ANNES	21.0	15.2	-5.8	73%	40.5	31.8	-8.7	79%	7.6	8.0	0.4	105%	17.6	15.0	-2.6	85%
	SOMERSET	21.0	18.8	-2.2	90%	40.4	39.0	-1.5	96%	8.0	11.9	3.9	149%	17.8	18.8	1.0	106%
	TALBOT	21.3	16.5	-4.8	77%	41.1	34.7	-6.4	84%	7.8	9.3	1.6	120%	17.8	16.4	-1.4	92%
	WICOMICO	18.8	10.7	-8.1	57%	37.1	28.7	-8.4	77%	6.8	4.6	-2.2	67%	15.7	10.1	-5.6	64%
	WORCESTER	22.0	18.7	-3.3	85%	41.6	36.4	-5.2	88%	8.2	12.0	3.7	146%	18.6	18.7	0.1	100%
	Regional Average	20.9	16.2	-4.8	77%	40.4	33.8	-6.6	84%	7.7	9.2	1.5	120%	17.6	16.0	-1.5	91%
INDEPENDENT CITY OF BALTIMORE		22.4	13.3	-9.2	59%	42.5	32.4	-10.1	76%	8.0	5.4	-2.5	68%	18.5	12.8	-5.8	69%
Statewide Average		21.1	14.9	-6.1	71%	40.7	32.6	-8.1	80%	7.7	7.6	-0.1	99%	17.6	14.6	-3.0	83%

WY[1] - USGS Water Year, which begins October 1

Stream Flow Status Based on Thirty Day Average for 2025 April 7

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		275.6	5%-10%	Warning
Western	Savage River (near Barton)		56.7	0%-5%	Emergency
Western	Wills Creek (near Cumberland)		264	0%-5%	Emergency
Western	Marsh Run (at Grimes)		5.1	0%-5%	Emergency
Central	Catoctin Creek (near Middletown)		30.5	0%-5%	Emergency
Central	Monocacy (Jug Bridge near Frederick)		540	0%-5%	Emergency
Central	Patuxent (near Unity)		20.2	0%-5%	Emergency
Central	Deer Cr (at Rocks)		70.1	0%-5%	Emergency
Eastern	Choptank (near Greensboro)		95.9	5%-10%	Warning
Eastern	Nassawango Creek (near Snow Hill)		66.5	30%-35%	Normal
	Susquehanna (at Marietta)		52,187	15%-20%	Watch
	Potomac (at Little Falls)(Adjusted)		7,325	0%-5%	Emergency

Notes:

Ground Water Status for 07 April 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	7.4 [3]	Normal	Emergency
	AL Ah 1	4.36 [2]	Watch	
	WA Be 2	33.88 [2]	Warning	
	WA Bk 25	49.41 [3]	Emergency	
	WA Ci 82	53.94 [2]	Emergency	
Central	BA Dc 444	43.27 [3]	Emergency	Warning
	BA Ea 18	25.05 [2]	Watch	
	CL Ad 47	2.76 [3]	Normal	
	Fr Bd 96	19.22 [2]	Watch	
	Fr Df 35	59.01 [2]	Watch	
	HA Bd 31	14.20 [2]	Warning	
	HA Ca 23	8.90 [2]	Emergency	
	MO Cc 14	33.33 [2]	Watch	
Eastern	QA Cg 69	4.48 [2]	Watch	Emergency
	WI Cg 20	5.72 [2]	Emergency	
	MC51-01	13.56 [3]	Emergency	
	SO Cf 2	2.19 [3]	Emergency	
Southern	CH Bg 12 (unconfined)	2.96 [3]	Watch	***Watch***
	CA Fd 54 (confined)	242.44 [3]	On Trend[4]	

[1] - Measurement of water level as feet below land surface
[2] - Not Available as of 2025-04-09
[3] - Value computed from real time measurement
[4] - In accordance with Maryland's drought monitoring and response plan, the impact of drought upon confined aquifers is analyzed as a departure from long term trend.

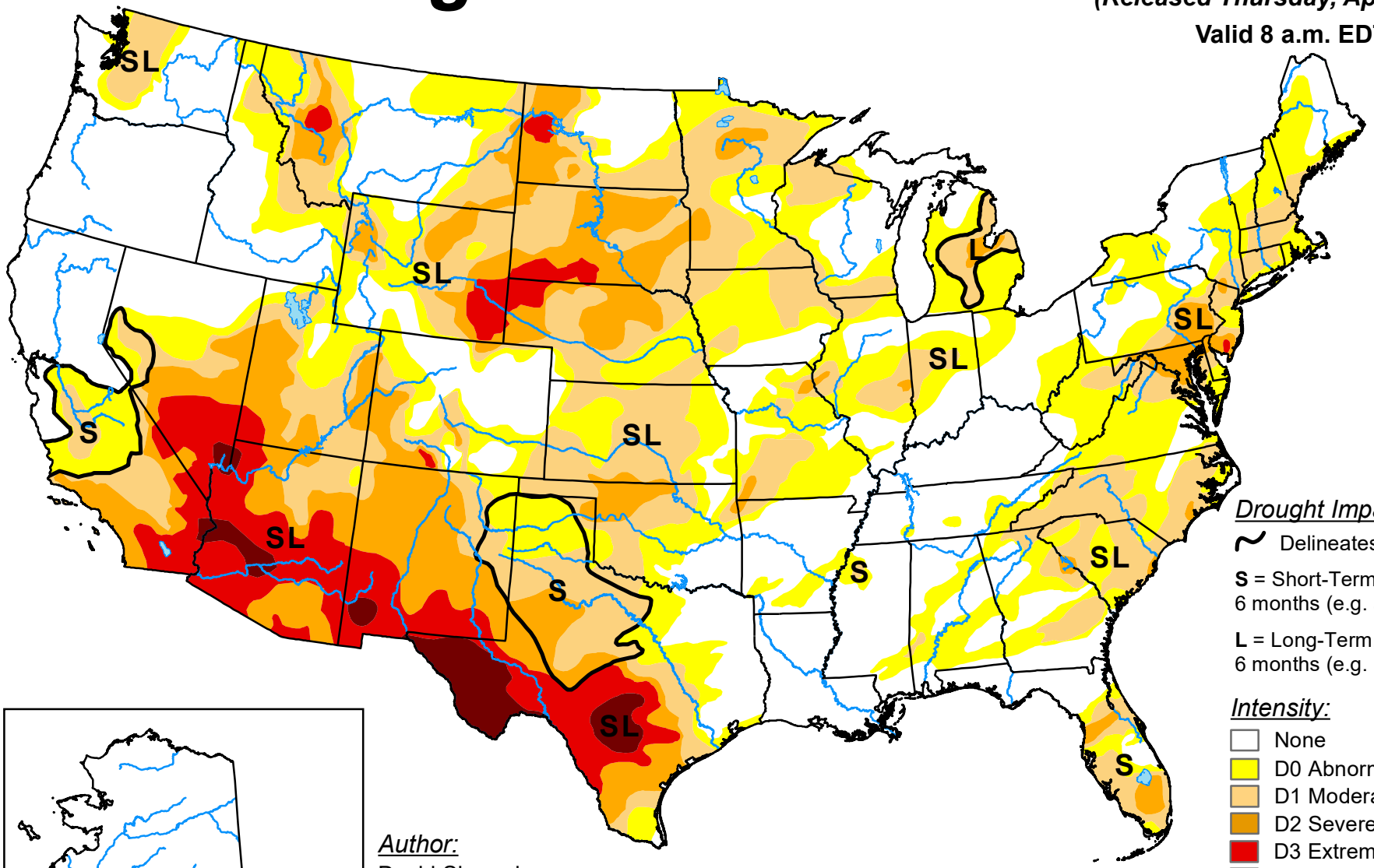
Selected ground water levels are available from USGS at:
http://md.water.usgs.gov/groundwater/
Data for other wells may be downloaded from:
USGS - NWIS Web Information for USA

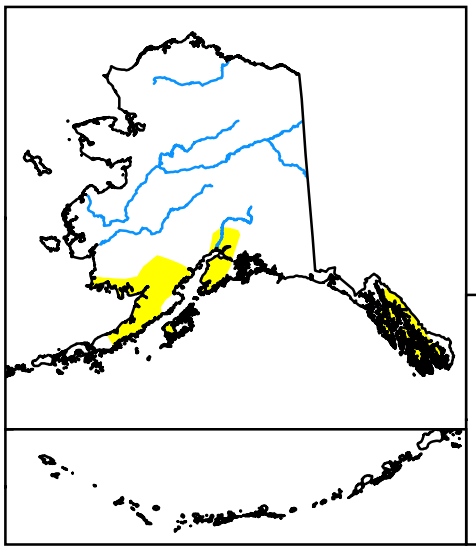
U.S. Drought Monitor

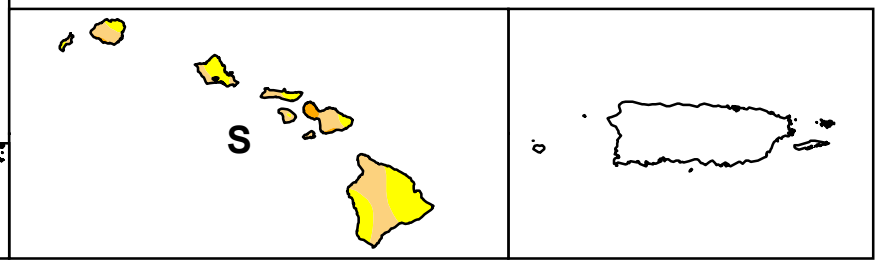
April 1, 2025

(Released Thursday, Apr. 3, 2025)

Valid 8 a.m. EDT







Drought Impact Types:

~ Delineates dominant impacts

S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)

L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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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

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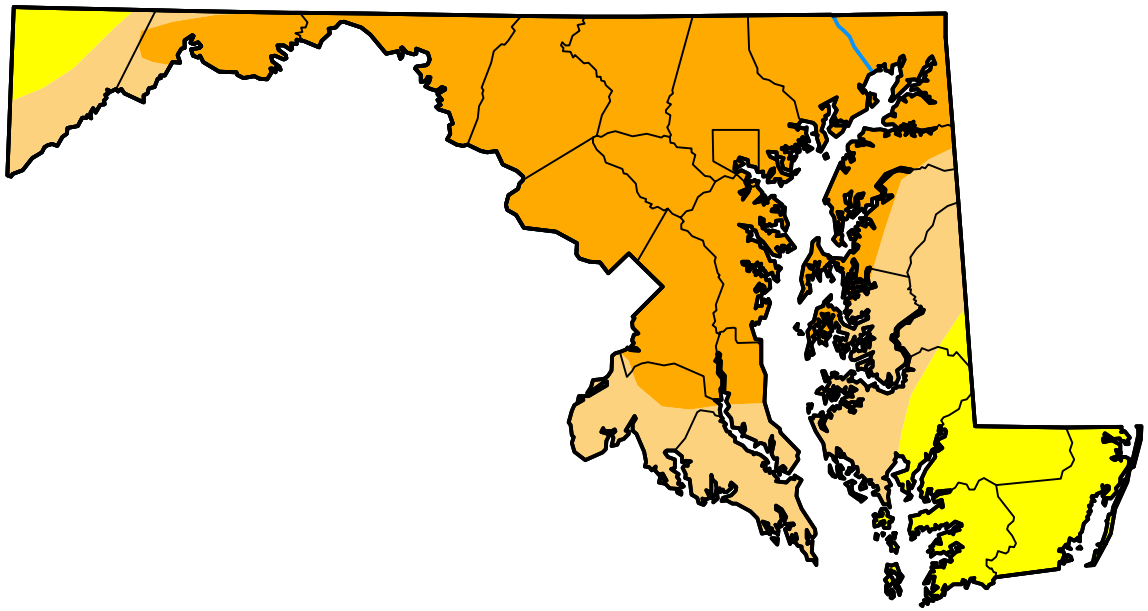
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	82.26	58.35	0.00	0.00
Last Week *03-25-2025*	0.00	100.00	84.48	52.90	0.00	0.00
3 Months Ago *12-31-2024*	1.19	98.81	95.30	51.57	0.00	0.00
Start of Calendar Year *01-07-2025*	1.19	98.81	95.30	51.57	0.00	0.00
Start of Water Year *10-01-2024*	18.77	81.23	21.65	9.89	4.07	0.00
One Year Ago *04-02-2024*	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

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