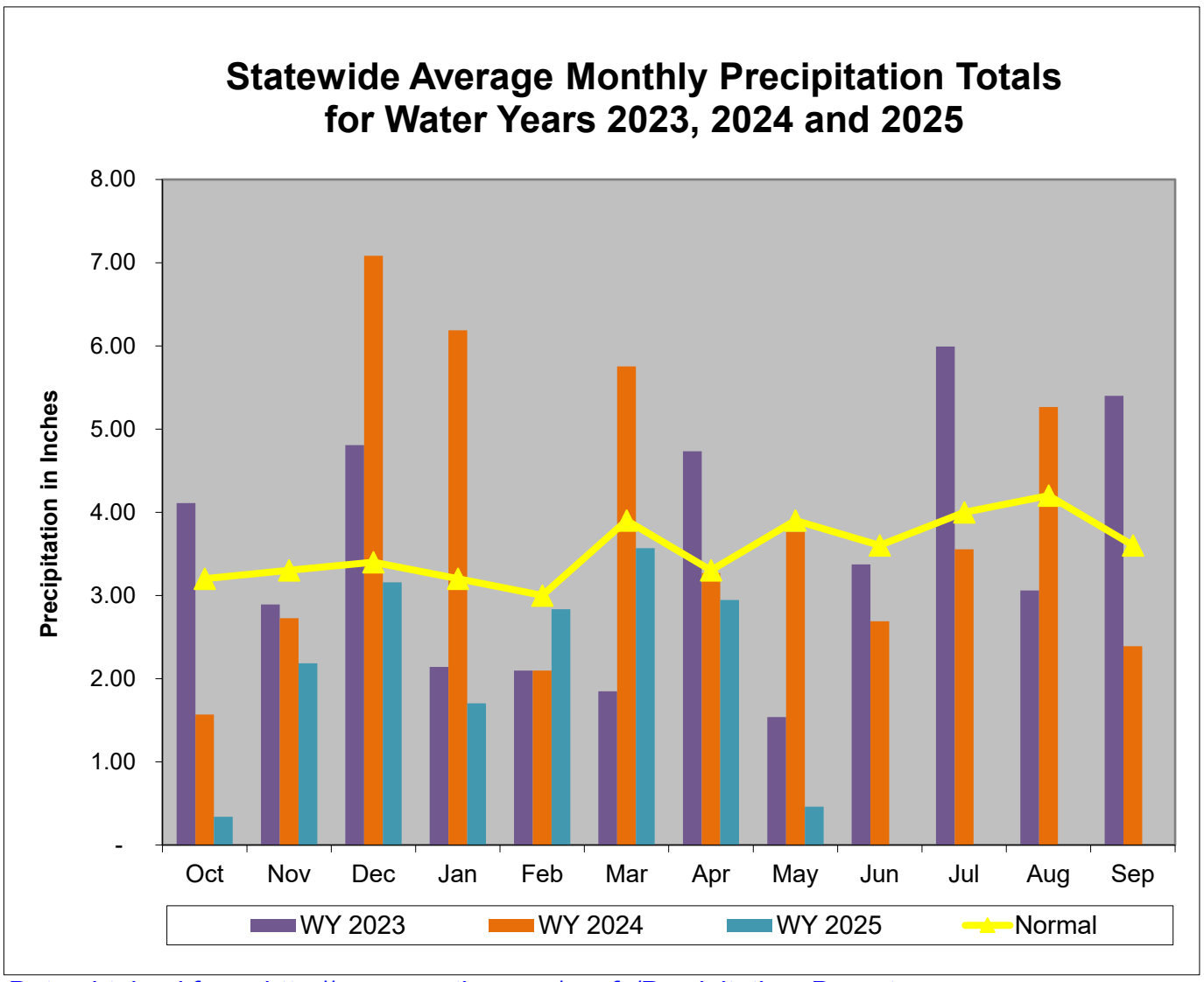
Overall Hydrologic Status for Maryland

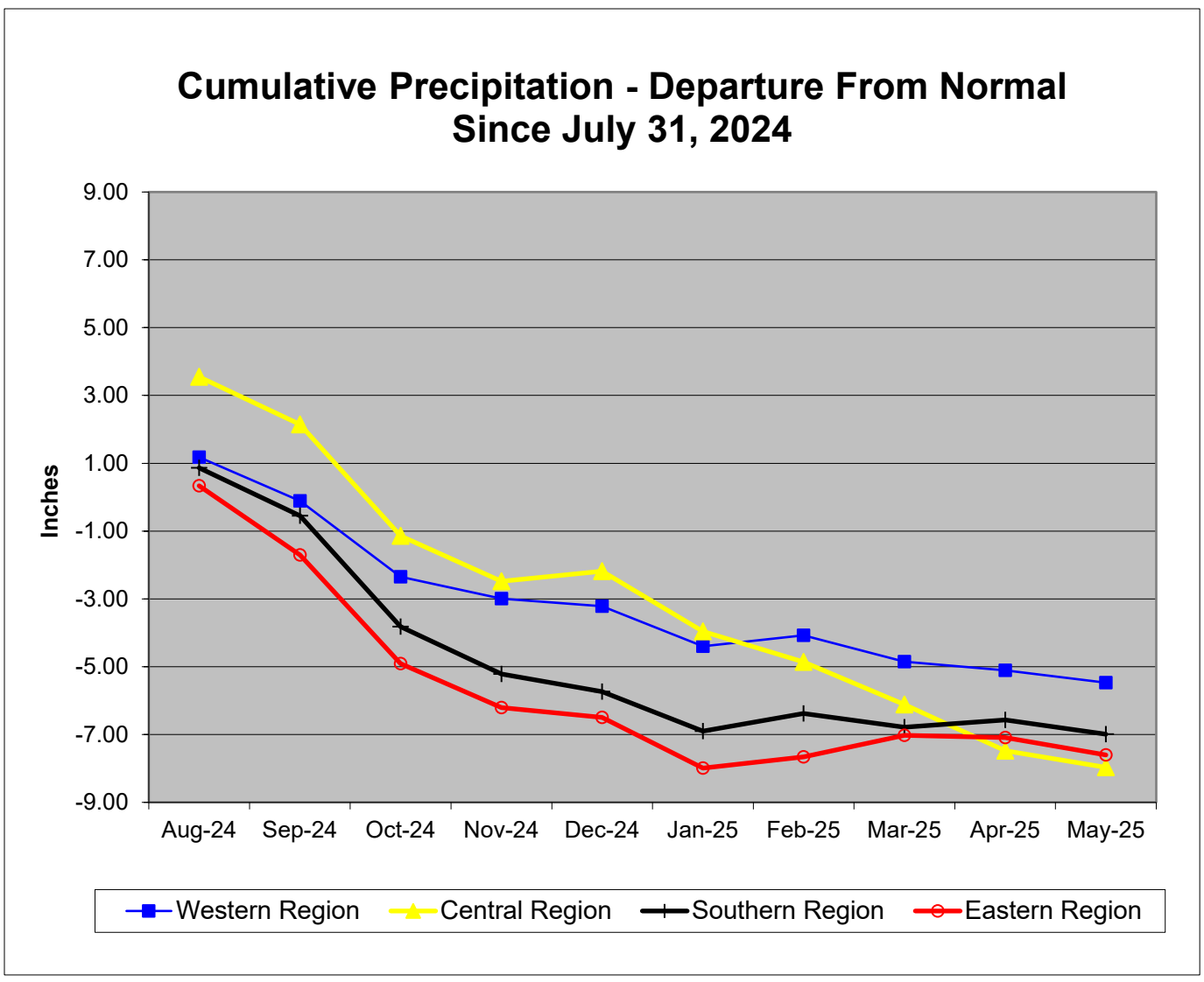
Summary of Hydrologic Indicators for 7 May 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Watch	Watch	Emergency	Normal	Warning
Central	Emergency	Emergency	Emergency	Normal	Warning
Eastern	Watch	Normal	Watch		Watch
Southern	Watch		Watch		Watch

Notes:
WSSC has extended their drought Watch as of November 7th 2024:
https://www.mwcog.org/newsroom/2024/11/07/officials-extend-drought-watch-for-dc-region-drought/
Baltimore DPW Issued a Drought Watch as of May 5th 2025:
https://publicworks.baltimorecity.gov/news/press-releases/2025-05-08-voluntary-water-restrictions-issued-baltimore-region-amid-critically

Precipitation Indicators for Maryland Drought Regions May 7, 2025						
	Since Sept 30, 2024		Since Nov 30, 2024		Since May 31, 2024	
Regions	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**
Western	78%	Watch	86%	Normal	80%	Watch
Central	60%	Emergency	69%	Warning	75%	Watch
Eastern	76%	Watch	92%	Normal	81%	Watch
Southern	73%	Watch	90%	Normal	74%	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 May 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 May 31, 2024)				2.25 Months (Since February 28, 2025)				5.25 Months (Since November 30, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	21.7	13.6	-8.2	62%	35.7	25.5	-10.2	71%	7.8	4.9	-2.9	63%	15.7	10.8	-4.9	69%
	GARRETT	25.7	21.6	-4.1	84%	42.6	33.4	-9.2	78%	9.0	5.9	-3.0	66%	19.1	15.9	-3.3	83%
	WASHINGTON	25.0	21.2	-3.8	85%	41.0	36.7	-4.2	90%	8.5	10.2	1.8	121%	18.5	19.2	0.7	104%
	Regional Average	24.1	18.8	-5.4	78%	39.7	31.9	-7.9	80%	8.4	7.0	-1.4	83%	17.8	15.3	-2.5	86%
CENTRAL REGION	BALTIMORE COUNTY	26.2	14.8	-11.4	57%	41.7	30.4	-11.4	73%	8.7	4.9	-3.7	57%	18.6	12.0	-6.6	65%
	CARROLL	24.7	14.5	-10.2	59%	40.1	31.0	-9.1	77%	8.3	5.1	-3.2	61%	17.6	11.9	-5.7	68%
	CECIL	25.3	17.6	-7.7	70%	41.6	32.5	-9.1	78%	8.5	7.9	-0.6	92%	18.1	14.8	-3.3	82%
	FREDERICK	23.9	13.5	-10.4	56%	38.7	28.9	-9.7	75%	8.2	4.8	-3.4	59%	17.0	11.2	-5.8	66%
	HARFORD	25.7	15.3	-10.4	59%	42.2	29.8	-12.4	71%	8.5	5.6	-2.9	66%	18.2	12.6	-5.6	69%
	HOWARD	25.4	15.1	-10.3	59%	40.7	31.5	-9.2	77%	8.5	4.8	-3.7	57%	18.1	12.4	-5.7	68%
	MONTGOMERY	23.8	13.5	-10.4	56%	39.1	29.1	-10.0	74%	8.0	3.8	-4.3	47%	16.8	11.1	-5.7	66%
	Regional Average	25.0	14.9	-10.1	60%	40.6	30.4	-10.1	75%	8.4	5.3	-3.1	63%	17.8	12.3	-5.5	69%
SOUTHERN REGION	ANNE ARUNDEL	24.2	16.5	-7.8	68%	39.2	29.5	-9.8	75%	8.2	6.4	-1.8	79%	17.4	13.9	-3.5	80%
	CALVERT	24.8	18.5	-6.4	74%	40.5	29.0	-11.5	72%	8.4	8.1	-0.3	97%	17.8	16.2	-1.6	91%
	CHARLES	23.8	17.1	-6.7	72%	39.2	27.5	-11.7	70%	7.9	6.9	-1.0	87%	16.9	15.1	-1.8	89%
	PRINCE GEORGES	24.1	17.3	-6.8	72%	39.1	29.4	-9.7	75%	8.0	7.1	-0.9	89%	16.9	14.9	-2.0	88%
	ST MARYS	24.5	19.9	-4.7	81%	40.2	32.2	-8.0	80%	8.1	9.0	0.9	111%	17.5	17.7	0.1	101%
	Regional Average	24.3	17.8	-6.4	73%	39.6	29.5	-10.1	74%	8.1	7.5	-0.6	92%	17.3	15.5	-1.8	90%
EASTERN REGION	CAROLINE	24.6	19.3	-5.3	78%	40.2	33.1	-7.1	82%	8.4	8.9	0.5	106%	17.8	17.1	-0.7	96%
	DORCHESTER	24.9	20.2	-4.7	81%	40.8	34.0	-6.8	83%	8.5	9.4	0.9	111%	18.2	18.2	-0.0	100%
	KENT	24.4	17.4	-7.0	71%	39.8	30.0	-9.9	75%	8.2	7.9	-0.3	96%	17.6	14.7	-2.9	84%
	QUEEN ANNES	24.5	17.8	-6.7	73%	39.9	30.8	-9.2	77%	8.3	8.0	-0.3	96%	17.7	15.4	-2.4	87%
	SOMERSET	24.5	20.9	-3.6	86%	40.5	36.9	-3.6	91%	8.5	9.7	1.2	115%	18.1	18.7	0.6	103%
	TALBOT	24.9	19.1	-5.8	77%	40.6	33.4	-7.2	82%	8.4	8.7	0.3	104%	18.0	16.9	-1.1	94%
	WICOMICO	22.2	12.1	-10.1	55%	36.5	25.9	-10.6	71%	7.7	4.3	-3.4	56%	15.8	10.1	-5.7	64%
	WORCESTER	25.4	21.3	-4.1	84%	41.5	35.4	-6.1	85%	8.5	10.0	1.5	118%	18.6	19.5	0.9	105%
	Regional Average	24.4	18.5	-5.9	76%	40.0	32.4	-7.6	81%	8.3	8.4	0.1	101%	17.7	16.3	-1.4	92%
INDEPENDENT CITY OF BALTIMORE		26.2	14.8	-11.4	57%	41.7	30.4	-11.4	73%	8.7	4.9	-3.7	57%	18.6	12.0	-6.6	65%
Statewide Average		24.6	17.2	-7.4	70%	40.1	31.1	-9.0	77%	8.3	7.0	-1.3	84%	17.7	14.7	-3.0	83%

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

Stream Flow Status Based on Thirty Day Average for 2025 May 07

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		331.3	35%-40%	Normal
Western	Savage River (near Barton)		115.2	45%-50%	Normal
Western	Wills Creek (near Cumberland)		458	50%-55%	Normal
Western	Marsh Run (at Grimes)		6.6	5%-10%	Warning
Central	Catoctin Creek (near Middletown)		81.8	30%-35%	Normal
Central	Monocacy (Jug Bridge near Frederick)		726	20%-25%	Watch
Central	Patuxent (near Unity)		20.7	0%-5%	Emergency
Central	Deer Cr (at Rocks)		70.6	0%-5%	Emergency
Eastern	Choptank (near Greensboro)		197.5	55%-60%	Normal
Eastern	Nassawango Creek (near Snow Hill)		77.8	65%-70%	Normal
	Susquehanna (at Marietta)		44,593	15%-20%	Watch
	Potomac (at Little Falls)(Adjusted)		8,378	5%-10%	Warning

Notes:

Ground Water Status for 07 May 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	10.32 [3]	Normal	Emergency
	AL Ah 1	4.27 [2]	Normal	
	WA Be 2	32.28 [2]	Watch	
	WA Bk 25	46.81 [3]	Emergency	
	WA Ci 82	51.57 [2]	Emergency	
Central	BA Dc 444	43.43 [3]	Emergency	Emergency
	BA Ea 18	24.22 [2]	Watch	
	CL Ad 47	3.26 [3]	Watch	
	Fr Bd 96	18.56 [2]	Watch	
	Fr Df 35	59.55 [2]	Watch	
	HA Bd 31	13.43	Emergency	
	HA Ca 23	9.25 [2]	Emergency	
	MO Cc 14	34.33 [2]	Emergency	
Eastern	QA Cg 69	3.29 [2]	Normal	Watch
	WI Cg 20	4.85 [2]	Watch	
	MC51-01	12.37 [3]	Watch	
	SO Cf 2	2.34 [3]	Watch	
Southern	CH Bg 12 (unconfined)	4.35 [3]	Watch	***Watch***
	CA Fd 54 (confined)	242.32 [3]	On Trend[4]	

[1] - Measurement of water level as feet below land surface
[2] - Not Available as of 2025-05-09
[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.

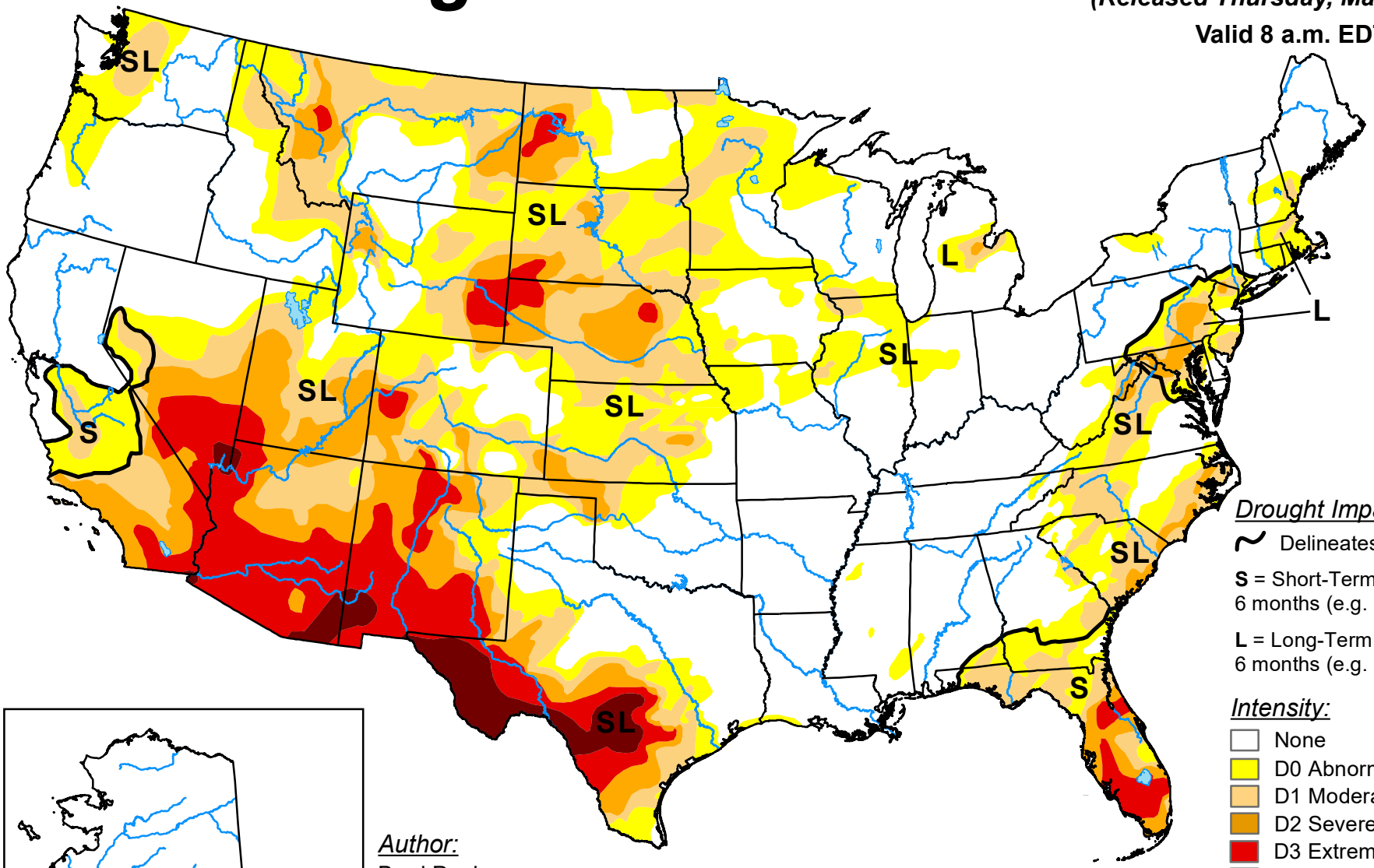
Selected ground water levels are available from USGS at:
http://md.water.usgs.gov/groundwater/
Data for other wells may be downloaded from:
USGS - NWIS Web Information for USA

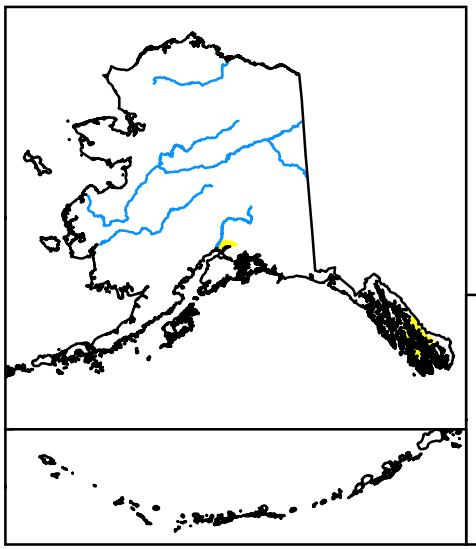
U.S. Drought Monitor

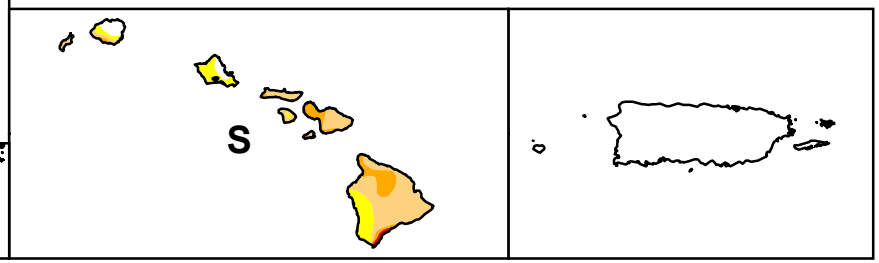
May 6, 2025

(Released Thursday, May. 8, 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

Author:
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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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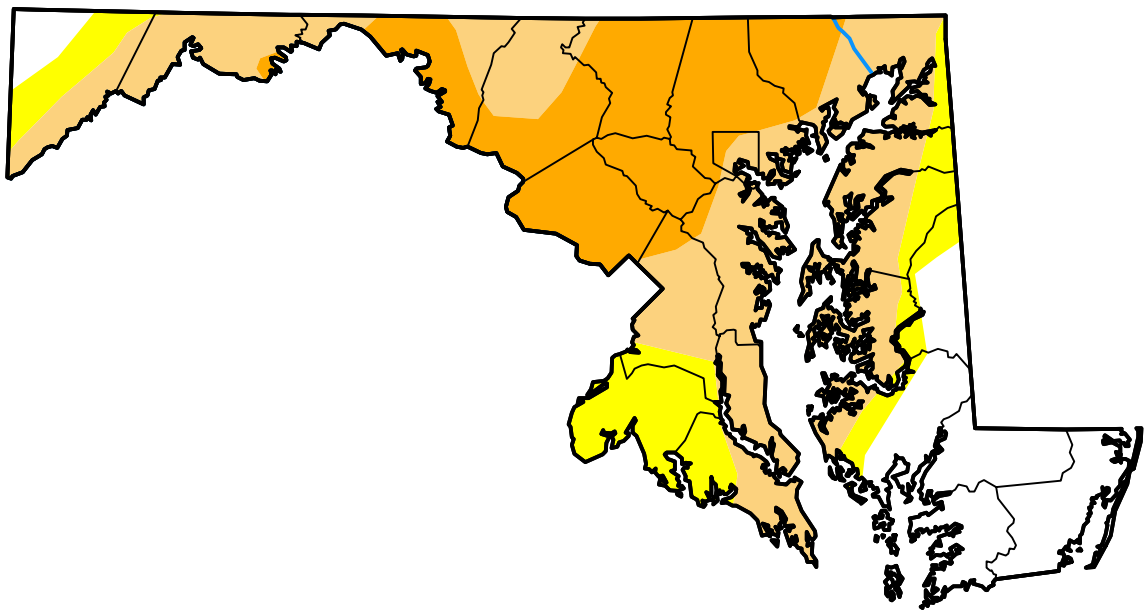
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	19.36	80.64	65.36	28.05	0.00	0.00
Last Week *04-29-2025*	19.36	80.64	65.36	43.03	0.00	0.00
3 Months Ago *02-04-2025*	2.92	97.08	95.30	59.66	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 *05-07-2024*	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
- D4 Exceptional Drought

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