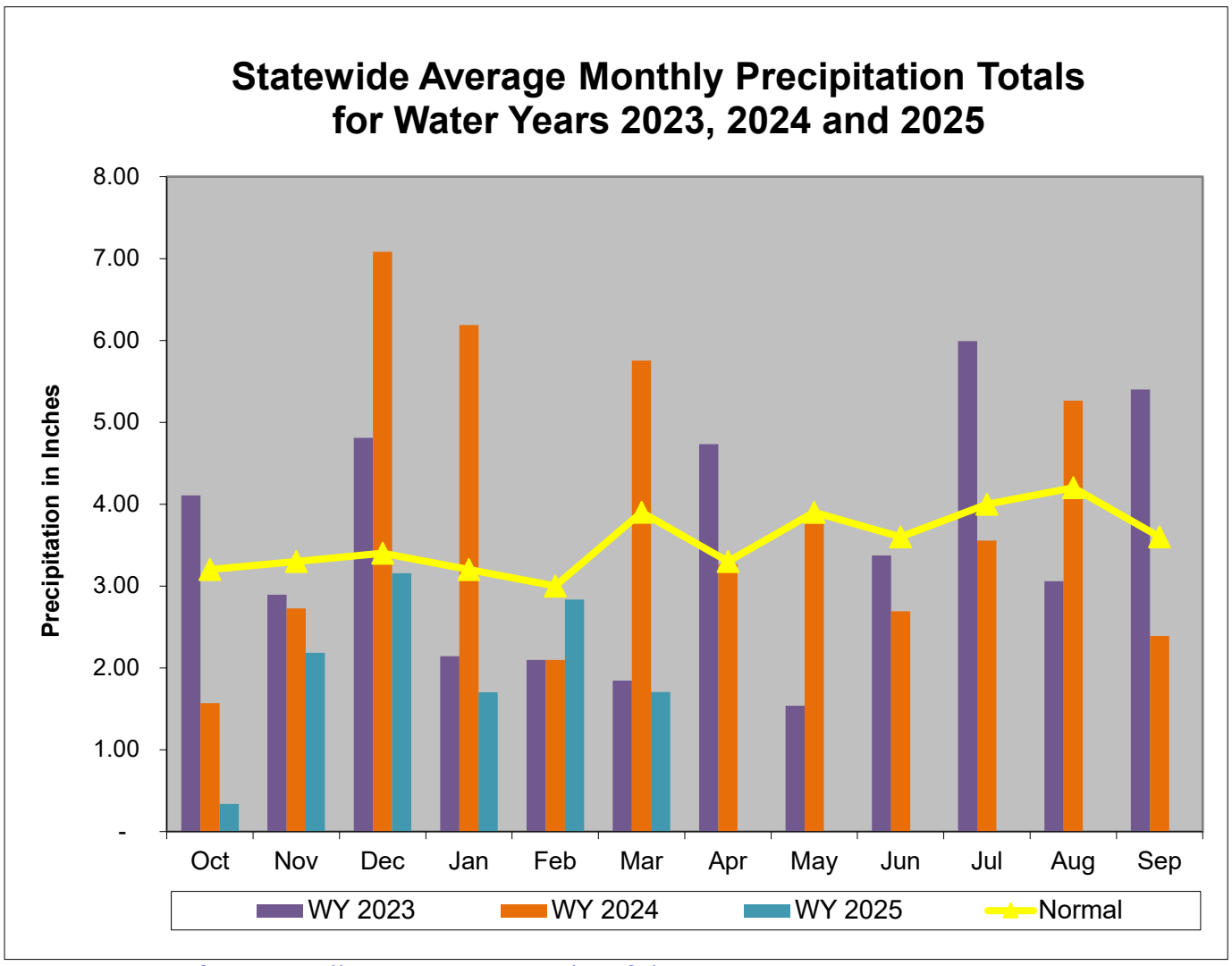
Overall Hydrologic Status for Maryland

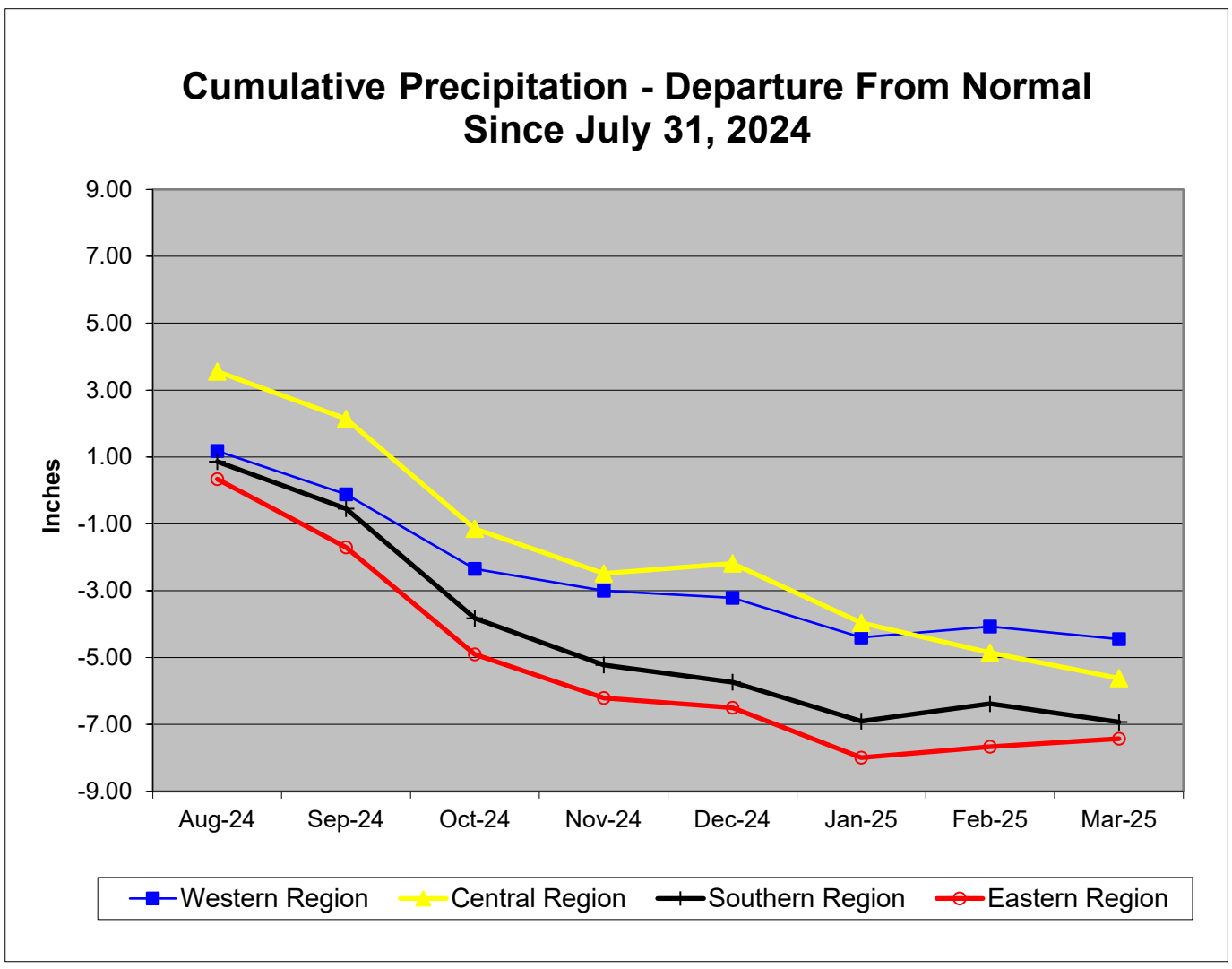
Summary of Hydrologic Indicators for 15 March 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Watch	Watch	Warning	Normal	Watch
Central	Emergency	Warning	Warning	Normal	Warning
Eastern	Warning	Emergency	Emergency		Warning
Southern	Warning		Watch		Warning

Notes: Several streamflow gages are missing data due to ice.
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 March 15, 2025						
	Since Sept 30, 2024		Since Sept 30, 2024		Since March 31, 2024	
Regions	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**
Western	76%	Watch	76%	Watch	85%	Normal
Central	58%	Emergency	58%	Emergency	81%	Watch
Eastern	69%	Warning	69%	Warning	79%	Watch
Southern	65%	Warning	65%	Warning	72%	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 15 March 2025 (WY 2025)

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY[1] To Date (Since September 30, 2024)				11.5 Months (Since March 15, 2024)				2.5 Months (December 31, 2024)				5.5 Months (September 30, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	15.8	9.8	-6.0	62%	37.3	30.8	-6.5	83%	7.0	4.8	-2.2	69%	15.8	9.8	-6.0	62%
	GARRETT	18.8	16.2	-2.7	86%	44.4	39.5	-4.8	89%	8.9	6.5	-2.4	73%	18.8	16.2	-2.7	86%
	WASHINGTON	18.7	14.3	-4.3	77%	41.8	34.7	-7.1	83%	8.8	9.6	0.9	110%	18.7	14.3	-4.3	77%
	Regional Average	17.7	13.4	-4.3	76%	41.2	35.0	-6.2	85%	8.2	7.0	-1.2	85%	17.7	13.4	-4.3	76%
CENTRAL REGION	BALTIMORE COUNTY	19.6	11.1	-8.5	57%	43.4	34.7	-8.7	80%	8.5	4.6	-3.9	54%	19.6	11.1	-8.5	57%
	CARROLL	18.4	10.6	-7.8	58%	41.7	34.8	-6.9	84%	8.0	4.2	-3.7	53%	18.4	10.6	-7.8	58%
	CECIL	18.9	11.4	-7.4	61%	42.9	33.7	-9.2	79%	8.2	5.0	-3.2	61%	18.9	11.4	-7.4	61%
	FREDERICK	17.6	9.8	-7.9	55%	40.4	33.5	-6.9	83%	7.6	4.1	-3.5	54%	17.6	9.8	-7.9	55%
	HARFORD	19.2	11.1	-8.2	58%	43.7	32.9	-10.9	75%	8.3	4.5	-3.8	54%	19.2	11.1	-8.2	58%
	HOWARD	18.9	11.4	-7.6	60%	42.3	35.8	-6.6	84%	8.3	5.0	-3.2	61%	18.9	11.4	-7.6	60%
	MONTGOMERY	17.8	10.7	-7.1	60%	40.8	33.4	-7.4	82%	7.7	4.9	-2.8	64%	17.8	10.7	-7.1	60%
	Regional Average	18.6	10.9	-7.8	58%	42.2	34.1	-8.1	81%	8.1	4.6	-3.4	57%	18.6	10.9	-7.8	58%
SOUTHERN REGION	ANNE ARUNDEL	18.1	11.4	-6.7	63%	40.8	31.1	-9.7	76%	7.9	5.9	-2.1	74%	18.1	11.4	-6.7	63%
	CALVERT	18.5	11.9	-6.7	64%	42.0	28.4	-13.7	67%	8.2	7.0	-1.2	86%	18.5	11.9	-6.7	64%
	CHARLES	17.8	11.5	-6.4	64%	40.5	28.6	-12.0	70%	7.8	6.8	-1.0	88%	17.8	11.5	-6.4	64%
	PRINCE GEORGES	18.0	11.5	-6.5	64%	40.6	30.0	-10.6	74%	7.7	6.2	-1.5	81%	18.0	11.5	-6.5	64%
	ST MARYS	18.5	12.8	-5.7	69%	41.7	30.8	-10.9	74%	8.2	8.0	-0.3	97%	18.5	12.8	-5.7	69%
	Regional Average	18.2	11.8	-6.4	65%	41.1	29.8	-11.4	72%	8.0	6.8	-1.2	85%	18.2	11.8	-6.4	65%
EASTERN REGION	CAROLINE	18.3	12.7	-5.5	70%	41.4	32.9	-8.6	79%	8.2	7.3	-0.8	90%	18.3	12.7	-5.5	70%
	DORCHESTER	18.5	13.4	-5.1	72%	41.9	32.4	-9.6	77%	8.4	8.3	-0.1	98%	18.5	13.4	-5.1	72%
	KENT	18.2	11.3	-7.0	62%	41.4	30.5	-10.9	74%	8.1	5.4	-2.7	67%	18.2	11.3	-7.0	62%
	QUEEN ANNES	18.2	11.5	-6.7	63%	41.2	31.3	-9.9	76%	8.1	5.9	-2.1	74%	18.2	11.5	-6.7	63%
	SOMERSET	18.2	14.5	-3.6	80%	41.1	36.1	-5.0	88%	8.6	9.8	1.2	114%	18.2	14.5	-3.6	80%
	TALBOT	18.5	12.5	-6.0	67%	41.9	33.2	-8.7	79%	8.3	7.3	-1.0	88%	18.5	12.5	-6.0	67%
	WICOMICO	16.3	8.9	-7.4	55%	38.0	31.1	-6.9	82%	7.0	3.9	-3.1	55%	16.3	8.9	-7.4	55%
	WORCESTER	19.1	14.8	-4.4	77%	42.1	33.8	-8.4	80%	8.8	10.1	1.3	114%	19.1	14.8	-4.4	77%
	Regional Average	18.2	12.4	-5.7	69%	41.1	32.6	-8.5	79%	8.2	7.2	-0.9	89%	18.2	12.4	-5.7	69%
INDEPENDENT CITY OF BALTIMORE		19.6	11.1	-8.5	57%	43.4	34.7	-8.7	80%	8.5	4.6	-3.9	54%	19.6	11.1	-8.5	57%
Statewide Average		18.3	11.9	-6.4	65%	41.5	32.9	-8.7	79%	8.1	6.2	-1.9	77%	18.3	11.9	-6.4	65%

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

Stream Flow Status Based on Thirty Day Average for 2025 March 15

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		370.2	15%-20%	Watch
Western	Savage River (near Barton)	[1]	97.4	15%-20%	Watch
Western	Wills Creek (near Cumberland)	[1]	469	30%-35%	Normal
Western	Marsh Run (at Grimes)		5.4	0%-5%	Emergency
Central	Catoctin Creek (near Middletown)	[1]	37.0	5%-10%	Warning
Central	Monocacy (Jug Bridge near Frederick)		697	10%-15%	Watch
Central	Patuxent (near Unity)	[1]	27.7	5%-10%	Warning
Central	Deer Cr (at Rocks)	[1]	65.9	0%-5%	Emergency
Eastern	Choptank (near Greensboro)		59.5	0%-5%	Emergency
Eastern	Nassawango Creek (near Snow Hill)		29.1	0%-5%	Emergency
	Susquehanna (at Marietta)		52,224	45%-50%	Normal
	Potomac (at Little Falls)(Adjusted)		11,640	25%-30%	Normal

Notes:

[1] Some data missing due to ice

Ground Water Status for 15 March 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	13.04	Watch	Warning
	AL Ah 1	4.36	Watch	
	WA Be 2	33.88	Warning	
	WA Bk 25	49.70	Emergency	
	WA Ci 82	53.94	Emergency	
Central	BA Dc 444	43.23	Warning	Warning
	BA Ea 18	25.05	Watch	
	CL Ad 47	3.16	Emergency	
	Fr Bd 96	19.22	Watch	
	Fr Df 35	59.01	Watch	
	HA Bd 31	14.20	Warning	
	HA Ca 23	8.90	Emergency	
	MO Cc 14	33.33	Watch	
Eastern	QA Cg 69	4.48	Watch	Emergency
	WI Cg 20	5.72	Emergency	
	MC51-01	14.36	Emergency	
	SO Cf 2	3.82 [3]	Emergency	
Southern	CH Bg 12 (unconfined)	3.92	Emergency	***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 2025-03-05
[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.

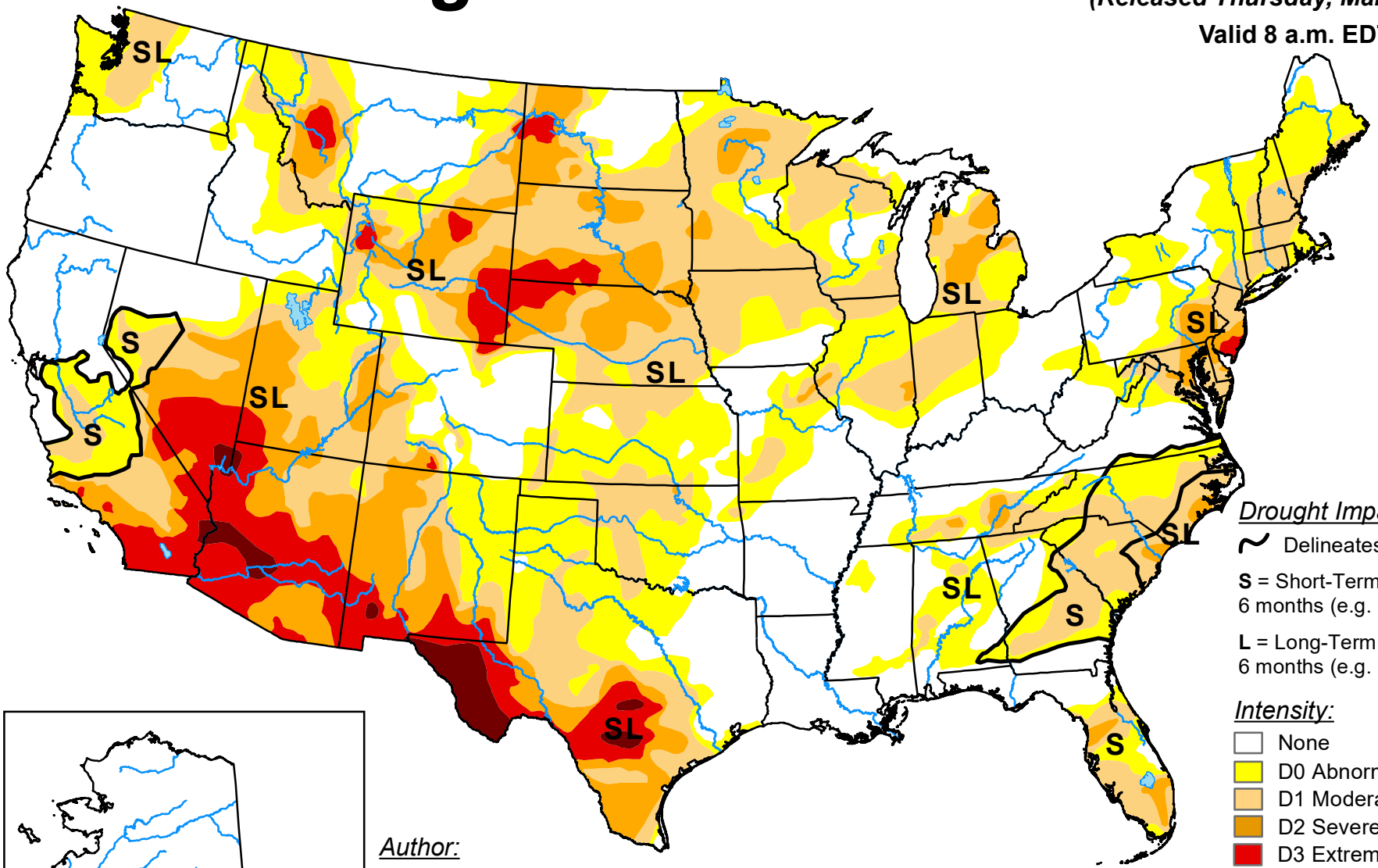
Selected ground water levels are available from USGS at:
http://md.water.usgs.gov/groundwater/
Data for other wells may be downloaded from:
USGS - NWIS Web Information for USA

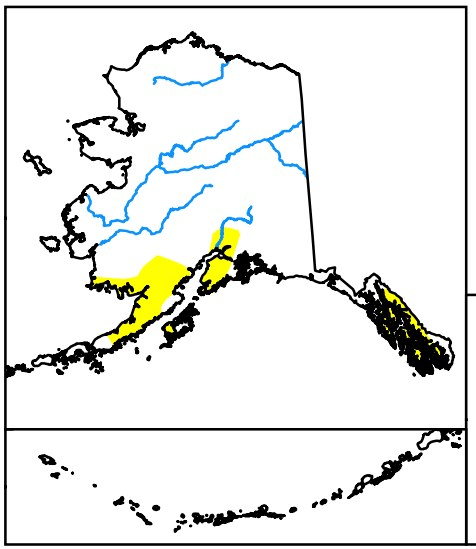
U.S. Drought Monitor

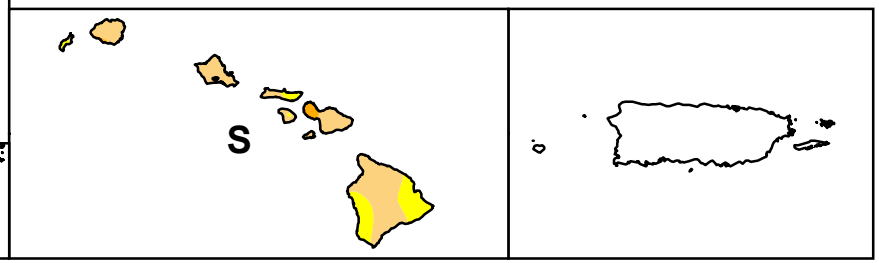
March 11, 2025

(Released Thursday, Mar. 13, 2025)

Valid 8 a.m. EDT







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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

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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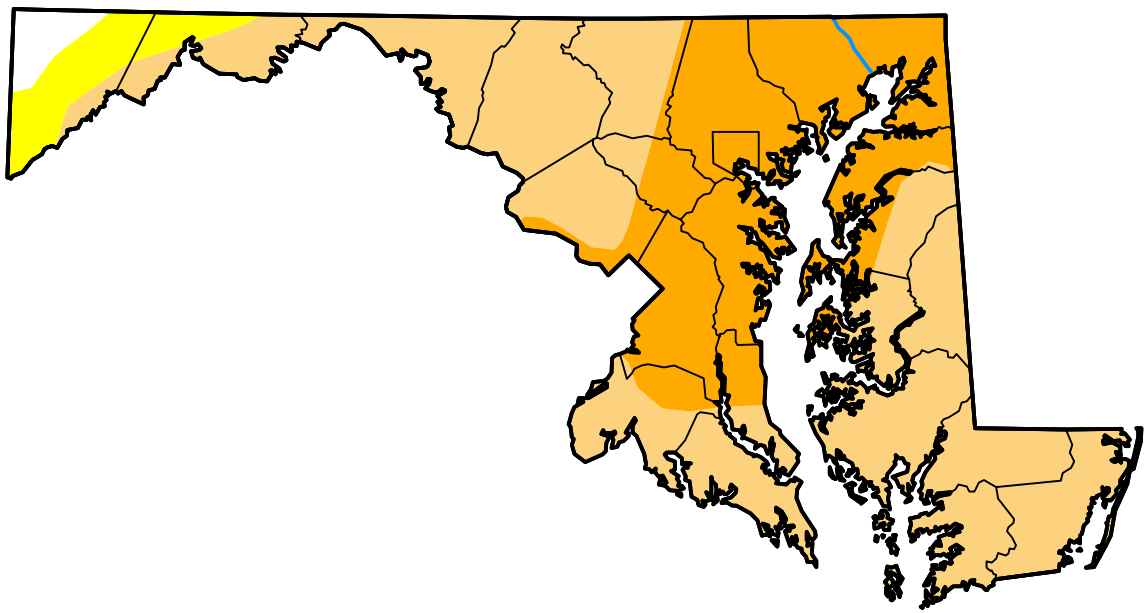
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	1.95	98.05	92.54	34.89	0.00	0.00
Last Week *03-04-2025*	5.82	94.18	90.78	38.00	0.00	0.00
3 Months Ago *12-10-2024*	0.00	100.00	100.00	68.83	9.39	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 *03-12-2024*	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
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