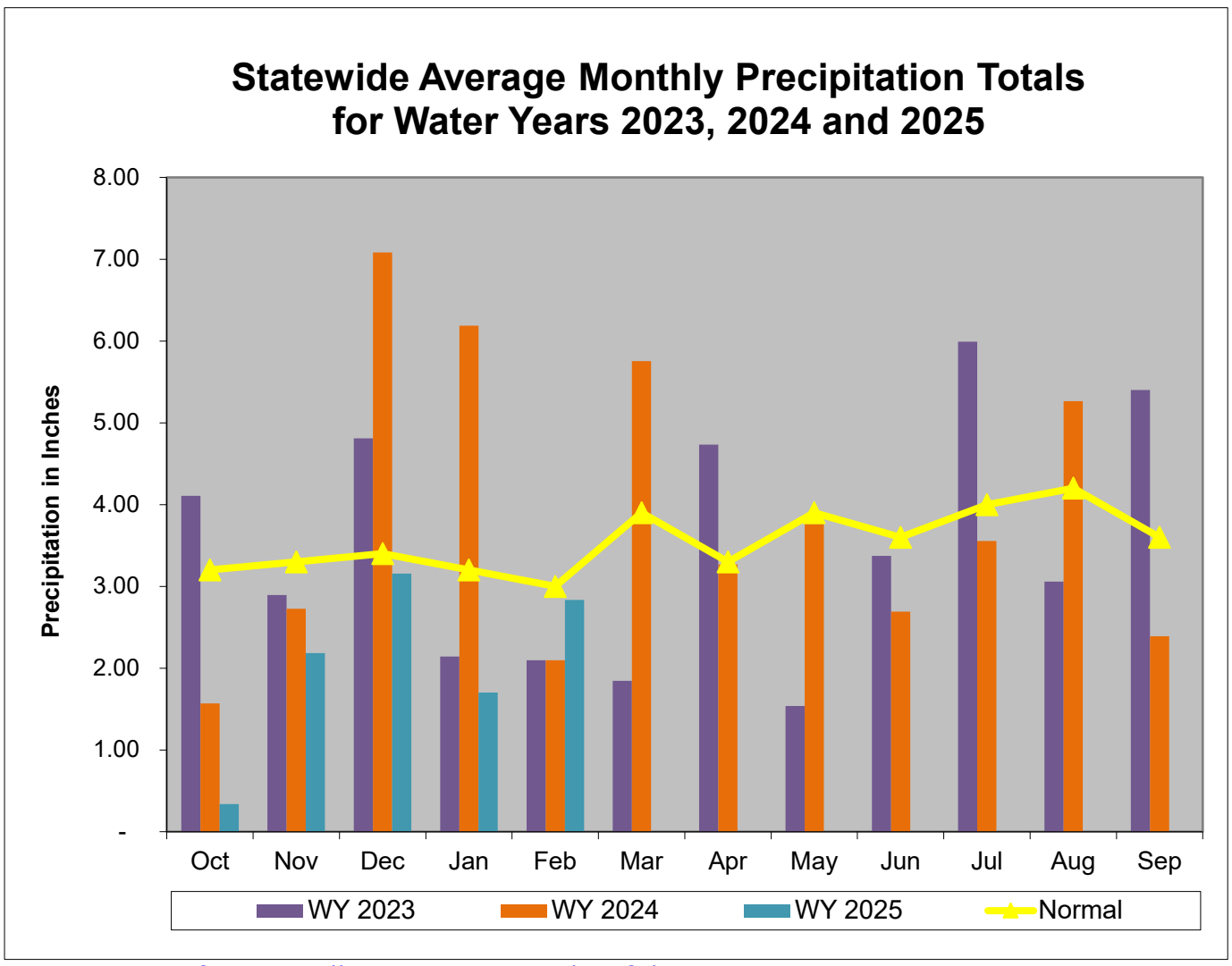
Overall Hydrologic Status for Maryland

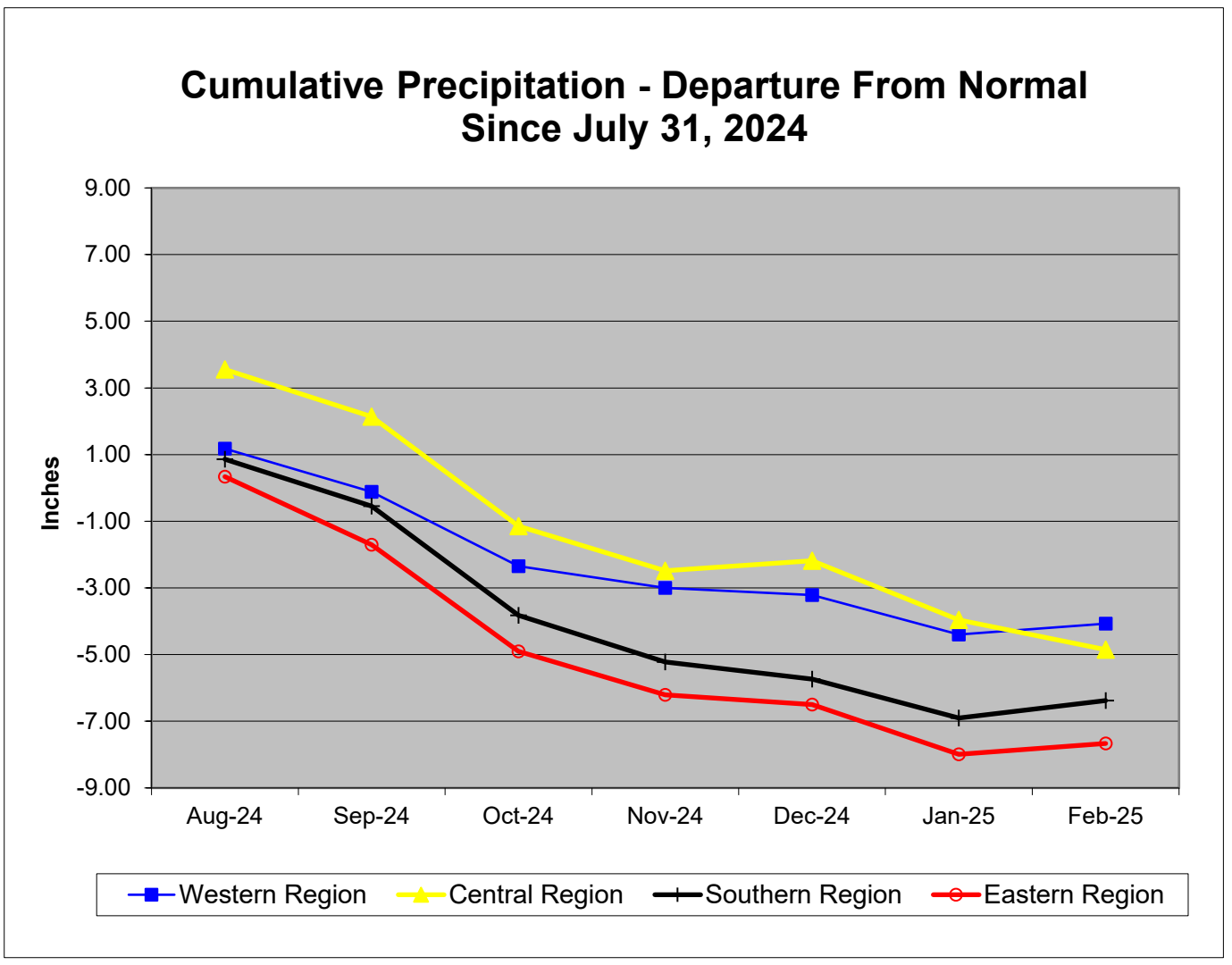
Summary of Hydrologic Indicators for 28 February 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Watch	Watch	Watch	Normal	Watch
Central	Emergency	Warning	Watch	Normal	Watch
Eastern	Warning	Emergency	Emergency		Warning
Southern	Warning		Watch		Warning

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 February 28, 2025						
	Since Sept 30, 2024		Since August 30, 2024		Since February 29, 2024	
Regions	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**
Western	75%	Watch	73%	Watch	86%	Normal
Central	58%	Emergency	60%	Emergency	85%	Normal
Eastern	63%	Warning	60%	Warning	87%	Normal
Southern	64%	Warning	64%	Warning	79%	Watch
WY or Water Year begins on October 1.						



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



Precipitation in Maryland Counties
as of 28 February 2025 (WY 2025)

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY[1] To Date (Since September 30, 2024)				12 Months (Since February 29, 2024)				3 Months (November 30, 2024)				6 Months (Since August 30, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	13.9	8.7	-5.3	62%	39.1	33.0	-6.0	85%	7.9	5.9	-2.0	75%	17.4	11.8	-5.6	68%
	GARRETT	16.7	15.7	-1.1	94%	46.4	43.2	-3.2	93%	10.2	9.9	-0.2	98%	20.4	18.2	-2.2	89%
	WASHINGTON	16.5	10.9	-5.6	66%	43.2	35.0	-8.2	81%	10.0	9.0	-1.1	90%	20.3	12.3	-8.0	61%
	Regional Average	15.7	11.7	-4.0	75%	42.9	37.1	-5.8	86%	9.4	8.3	-1.1	88%	19.4	14.1	-5.3	73%
CENTRAL REGION	BALTIMORE COUNTY	17.5	9.9	-7.6	56%	45.3	38.4	-7.0	85%	9.9	7.1	-2.8	71%	21.9	12.9	-9.0	59%
	CARROLL	16.4	9.4	-7.0	57%	43.5	37.9	-5.6	87%	9.3	6.8	-2.5	73%	20.7	12.7	-8.0	61%
	CECIL	16.8	9.7	-7.1	58%	44.9	38.3	-6.5	85%	9.7	7.0	-2.7	72%	21.2	10.7	-10.5	50%
	FREDERICK	15.7	8.6	-7.1	55%	42.2	36.5	-5.7	87%	8.8	6.4	-2.4	72%	19.8	11.8	-8.0	60%
	HARFORD	17.2	9.7	-7.5	56%	45.7	36.7	-8.9	80%	9.7	6.9	-2.7	72%	21.6	12.2	-9.4	57%
	HOWARD	16.9	10.2	-6.6	61%	44.3	38.9	-5.3	88%	9.6	7.5	-2.0	79%	21.0	13.7	-7.3	65%
	MONTGOMERY	15.8	9.7	-6.1	61%	42.6	36.5	-6.1	86%	8.8	7.4	-1.4	84%	19.9	13.2	-6.7	66%
	Regional Average	16.6	9.6	-7.0	58%	44.1	37.6	-6.5	85%	9.4	7.0	-2.4	75%	20.9	12.5	-8.4	60%
SOUTHERN REGION	ANNE ARUNDEL	16.1	10.1	-6.0	63%	42.7	35.2	-7.5	82%	9.2	7.4	-1.8	81%	20.0	12.5	-7.4	63%
	CALVERT	16.5	10.4	-6.1	63%	44.0	33.4	-10.6	76%	9.5	8.1	-1.4	86%	20.4	12.8	-7.6	63%
	CHARLES	15.9	10.2	-5.6	64%	42.4	32.9	-9.5	78%	9.0	8.2	-0.8	91%	19.8	12.3	-7.5	62%
	PRINCE GEORGES	16.1	10.2	-5.9	64%	42.4	33.7	-8.7	80%	9.0	7.9	-1.1	87%	19.9	13.2	-6.8	66%
	ST MARYS	16.4	10.8	-5.6	66%	43.7	35.6	-8.0	82%	9.4	8.6	-0.8	92%	20.3	13.3	-7.0	66%
	Regional Average	16.2	10.3	-5.8	64%	43.0	34.2	-8.8	79%	9.2	8.0	-1.2	87%	20.1	12.8	-7.2	64%
EASTERN REGION	CAROLINE	16.2	10.4	-5.8	64%	43.4	38.0	-5.4	88%	9.4	8.3	-1.1	88%	20.0	12.4	-7.7	62%
	DORCHESTER	16.4	10.8	-5.6	66%	43.9	37.0	-7.0	84%	9.7	8.8	-0.9	90%	20.0	12.6	-7.4	63%
	KENT	16.2	9.5	-6.6	59%	43.4	35.1	-8.3	81%	9.4	6.8	-2.5	73%	20.5	10.7	-9.7	52%
	QUEEN ANNES	16.2	9.8	-6.4	60%	43.2	36.1	-7.1	84%	9.4	7.3	-2.1	78%	20.3	11.2	-9.1	55%
	SOMERSET	16.0	11.2	-4.8	70%	43.1	41.8	-1.4	97%	9.6	8.9	-0.7	93%	19.8	13.0	-6.8	66%
	TALBOT	16.5	10.4	-6.1	63%	43.9	38.0	-5.8	87%	9.6	8.2	-1.4	86%	20.3	13.0	-7.3	64%
	WICOMICO	14.5	7.8	-6.7	54%	40.4	37.9	-2.5	94%	8.1	5.7	-2.4	71%	18.3	9.8	-8.5	54%
	WORCESTER	16.9	11.3	-5.6	67%	44.2	38.1	-6.1	86%	10.1	9.5	-0.6	94%	20.8	13.2	-7.6	64%
	Regional Average	16.1	10.1	-6.0	63%	43.2	37.7	-5.4	87%	9.4	7.9	-1.5	84%	20.0	12.0	-8.0	60%
INDEPENDENT CITY OF BALTIMORE		17.5	9.9	-7.6	56%	45.3	38.4	-7.0	85%	9.9	7.1	-2.8	71%	21.9	12.9	-9.0	59%
Statewide Average		16.3	10.2	-6.1	63%	43.5	36.9	-6.6	85%	9.4	7.7	-1.7	82%	20.3	12.6	-7.7	62%

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

Stream Flow Status Based on Thirty Day Average for 2025 February 28

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		741.6	85%-90%	Normal
Western	Savage River (near Barton)	[1]	170.5	75%-80%	Normal
Western	Wills Creek (near Cumberland)	[1]	692	75%-80%	Normal
Western	Marsh Run (at Grimes)		4.7	0%-5%	Emergency
Central	Catoctin Creek (near Middletown)	[1]	38.5	5%-10%	Warning
Central	Monocacy (Jug Bridge near Frederick)	[1]	822	25%-30%	Normal
Central	Patuxent (near Unity)		31.0	15%-20%	Watch
Central	Deer Cr (at Rocks)	[1]	60.5	0%-5%	Emergency
Eastern	Choptank (near Greensboro)		47.2	0%-5%	Emergency
Eastern	Nassawango Creek (near Snow Hill)		30.3	5%-10%	Warning
	Susquehanna (at Marietta)		23,336	15%-20%	Watch
	Potomac (at Little Falls)(Adjusted)		16,252	55%-60%	Normal

Notes:

[1] Some data missing due to ice

Ground Water Status for 28 February 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	9.36	Normal	Watch
	AL Ah 1	3.88	Normal	
	WA Be 2	34.86	Warning	
	WA Bk 25	49.69	Emergency	
	WA Ci 82	52.71	Watch	
Central	BA Dc 444	43.22	Warning	Watch
	BA Ea 18	25.02	Watch	
	CL Ad 47	2.97	Watch	
	Fr Bd 96	12.95	Normal	
	Fr Df 35	57.98	Normal	
	HA Bd 31	14.92	Emergency	
	HA Ca 23	8.92	Emergency	
	MO Cc 14	32.63	Normal	
Eastern	QA Cg 69	4.85	Warning	Emergency
	WI Cg 20	5.89	Emergency	
	MC51-01	14.96	Emergency	
	SO Cf 2	4.19	Emergency	
Southern	CH Bg 12 (unconfined)	4.30	Watch	***Watch***
	CA Fd 54 (confined)	242.41 [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.

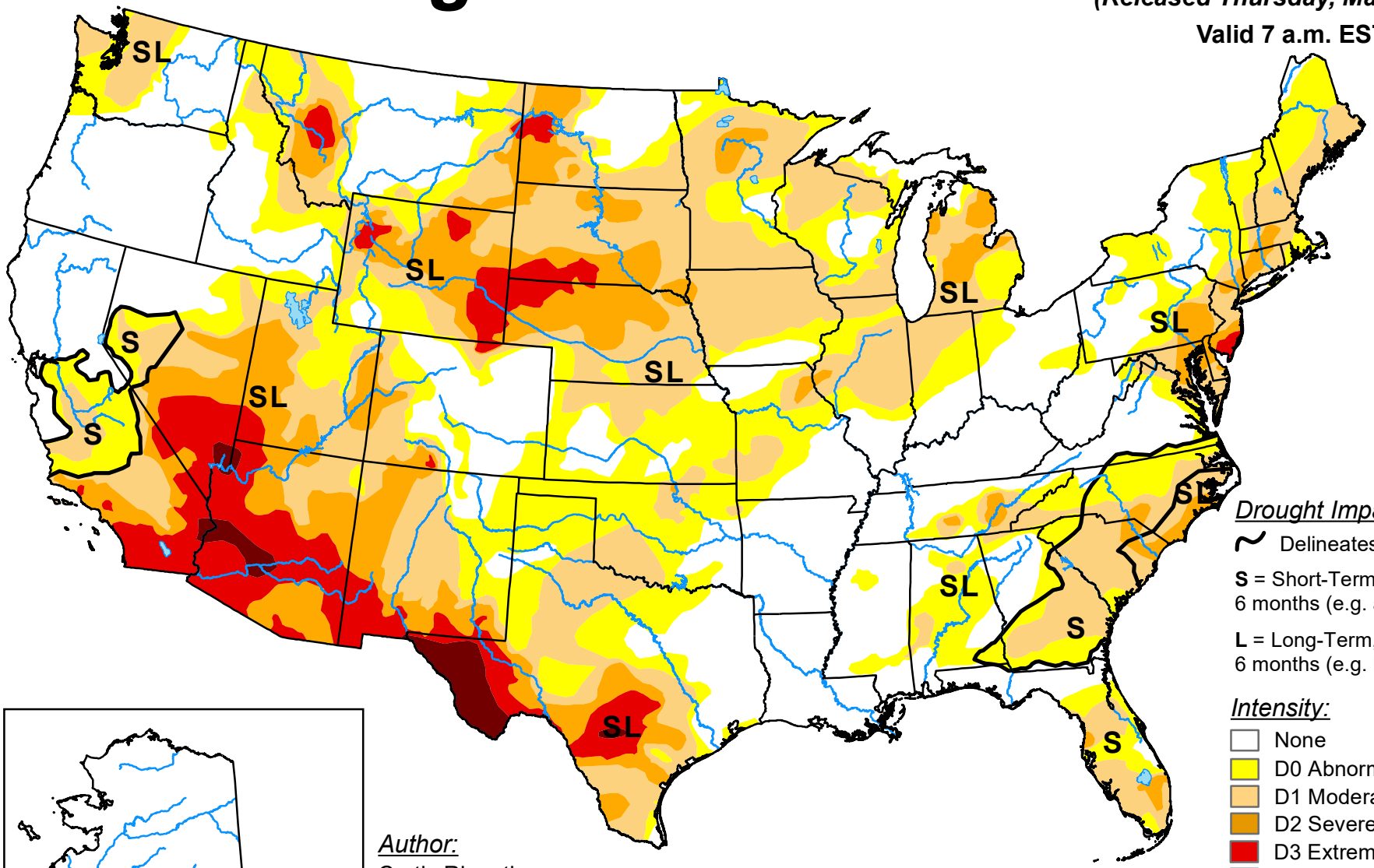
Selected ground water levels are available from USGS at:
http://md.water.usgs.gov/groundwater/
Data for other wells may be downloaded from:
USGS - NWIS Web Information for USA

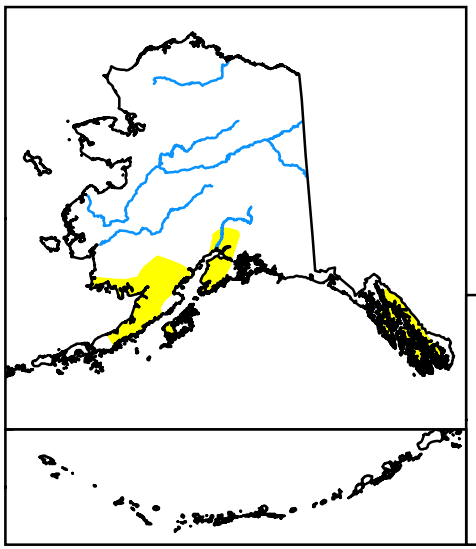
U.S. Drought Monitor

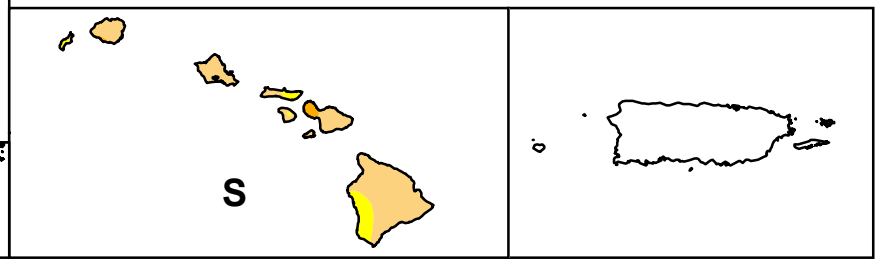
March 4, 2025

(Released Thursday, Mar. 6, 2025)

Valid 7 a.m. EST







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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

USDA NDMC NOAA

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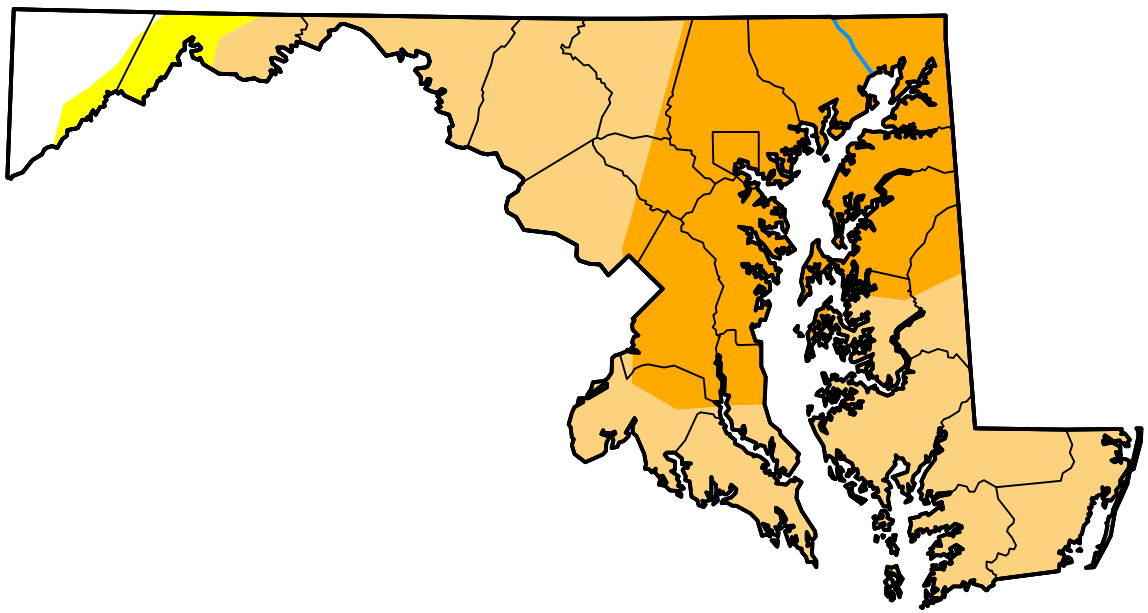
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	5.82	94.18	90.78	38.00	0.00	0.00
Last Week *02-25-2025*	5.82	94.18	90.78	29.69	0.00	0.00
3 Months Ago *12-03-2024*	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 *03-05-2024*	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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