

Overall Hydrologic Status for Maryland

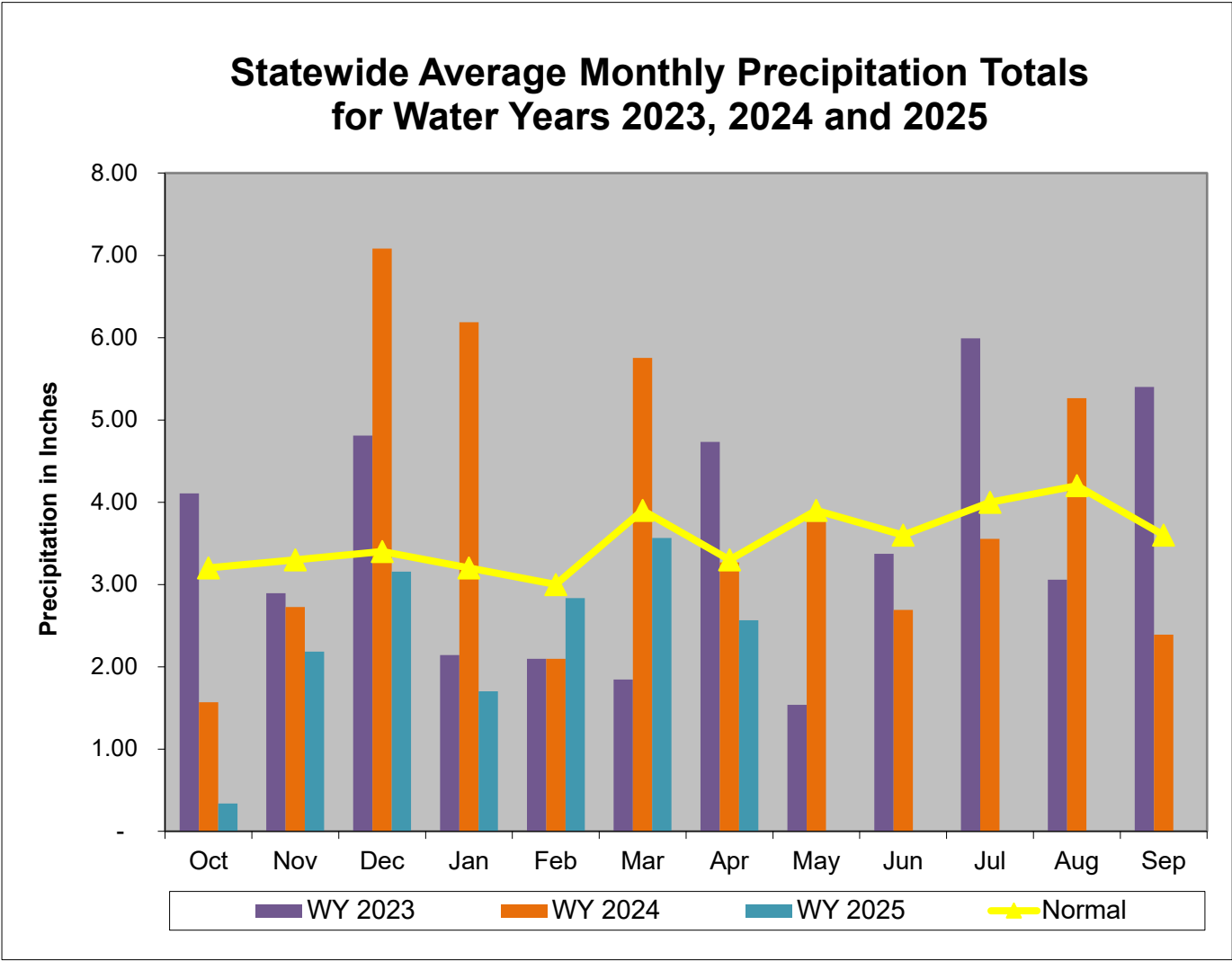
Summary of Hydrologic Indicators for 15 April 2025					
	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Warning	Emergency	Normal	Warning
Central	Warning	Emergency	Warning	Normal	Warning
Eastern	Normal	Watch	Emergency		Warning
Southern	Watch		Normal		Watch

Notes:

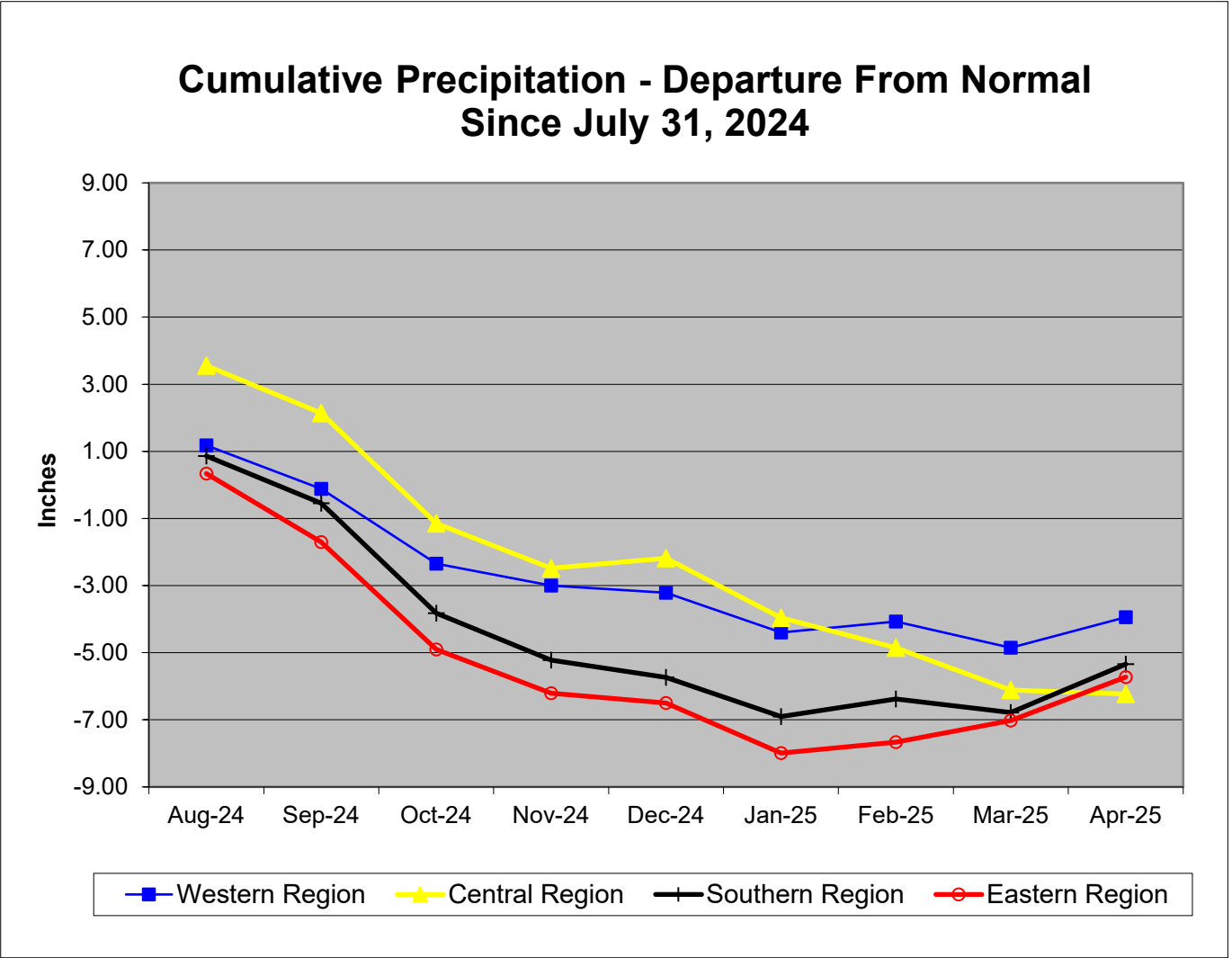
WSSC has extended their drought Watch as of November 7th:

<https://www.mwcog.org/newsroom/2024/11/07/officials-extend-drought-watch-for-dc-region-drought/>

Precipitation Indicators for Maryland Drought Regions						
April 15, 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	82%	Normal	91%	Normal	84%	Watch
Central	62%	Warning	73%	Watch	78%	Watch
Eastern	82%	Normal	96%	Normal	86%	Normal
Southern	78%	Watch	92%	Normal	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 15 April 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 April 30, 2024)				2.5 Months (Since January 31, 2024)				5.5 Months (Since October 31, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	19.2	12.1	-7.1	63%	37.4	28.1	-9.3	75%	7.8	6.0	-1.8	76%	16.4	11.1	-5.3	68%
	GARRETT	22.8	20.3	-2.5	89%	44.5	36.7	-7.8	82%	9.2	7.8	-1.4	84%	19.8	19.0	-0.8	96%
	WASHINGTON	22.5	20.6	-1.9	92%	42.1	39.7	-2.4	94%	9.1	13.7	4.7	151%	19.3	20.6	1.3	107%
	Regional Average	21.5	17.6	-3.8	82%	41.3	34.8	-6.5	84%	8.7	9.2	0.5	105%	18.5	16.9	-1.6	91%
CENTRAL REGION	BALTIMORE COUNTY	23.4	14.1	-9.4	60%	43.5	33.2	-10.3	76%	8.9	6.2	-2.7	70%	19.5	13.5	-6.0	69%
	CARROLL	22.0	13.1	-8.9	59%	41.7	33.2	-8.5	80%	8.5	5.5	-3.0	65%	18.4	12.5	-5.9	68%
	CECIL	22.7	17.1	-5.6	75%	43.1	34.6	-8.5	80%	8.7	9.5	0.8	109%	19.1	17.0	-2.0	89%
	FREDERICK	21.2	11.9	-9.3	56%	40.4	31.7	-8.7	79%	8.3	5.0	-3.3	60%	17.8	11.5	-6.3	64%
	HARFORD	23.0	14.8	-8.2	64%	43.8	32.1	-11.7	73%	8.8	7.0	-1.8	80%	19.1	14.5	-4.6	76%
	HOWARD	22.7	13.9	-8.8	61%	42.5	34.4	-8.1	81%	8.8	5.9	-2.9	67%	19.0	13.5	-5.5	71%
	MONTGOMERY	21.3	12.8	-8.5	60%	40.9	32.6	-8.3	80%	8.3	5.4	-3.0	64%	17.8	12.5	-5.3	70%
	Regional Average	22.3	14.0	-8.4	62%	42.3	33.1	-9.2	78%	8.6	6.3	-2.3	74%	18.7	13.6	-5.1	73%
SOUTHERN REGION	ANNE ARUNDEL	21.7	15.7	-6.0	72%	41.0	32.5	-8.6	79%	8.4	8.4	-0.0	100%	18.2	15.4	-2.8	84%
	CALVERT	22.2	17.8	-4.4	80%	42.2	32.4	-9.8	77%	8.7	11.1	2.4	128%	18.6	17.6	-1.1	94%
	CHARLES	21.3	16.3	-5.1	76%	40.7	31.1	-9.7	76%	8.3	9.6	1.3	116%	17.8	16.0	-1.8	90%
	PRINCE GEORGES	21.5	15.8	-5.7	74%	40.7	31.9	-8.8	78%	8.2	8.5	0.3	104%	17.9	15.4	-2.5	86%
	ST MARYS	22.2	19.3	-2.9	87%	41.9	35.6	-6.4	85%	8.7	12.5	3.8	144%	18.6	19.1	0.6	103%
	Regional Average	21.8	17.0	-4.8	78%	41.3	32.7	-8.6	79%	8.4	10.0	1.6	118%	18.2	16.7	-1.5	92%
EASTERN REGION	CAROLINE	22.0	18.8	-3.2	85%	41.6	36.4	-5.2	87%	8.6	11.6	3.0	135%	18.6	18.7	0.1	101%
	DORCHESTER	22.3	19.6	-2.7	88%	42.1	36.7	-5.4	87%	8.8	12.5	3.7	141%	18.9	19.6	0.7	103%
	KENT	21.9	16.6	-5.4	76%	41.6	31.9	-9.7	77%	8.6	9.4	0.8	109%	18.4	16.3	-2.1	88%
	QUEEN ANNES	21.9	17.2	-4.8	78%	41.4	33.7	-7.7	81%	8.6	10.0	1.4	116%	18.5	17.0	-1.6	92%
	SOMERSET	21.9	20.6	-1.4	94%	41.4	40.7	-0.6	98%	8.9	13.7	4.7	153%	18.7	20.6	1.8	110%
	TALBOT	22.3	18.4	-3.8	83%	42.1	36.6	-5.4	87%	8.7	11.2	2.5	129%	18.8	18.3	-0.4	98%
	WICOMICO	19.7	11.4	-8.3	58%	38.0	29.4	-8.6	77%	7.7	5.3	-2.4	69%	16.6	10.8	-5.8	65%
	WORCESTER	22.9	20.2	-2.7	88%	42.5	38.0	-4.6	89%	9.1	13.5	4.4	148%	19.5	20.2	0.7	104%
	Regional Average	21.9	17.8	-4.0	82%	41.3	35.4	-5.9	86%	8.6	10.9	2.3	126%	18.5	17.7	-0.8	96%
INDEPENDENT CITY OF BALTIMORE		23.4	14.1	-9.4	60%	43.5	33.2	-10.3	76%	8.9	6.2	-2.7	70%	19.5	13.5	-6.0	69%
Statewide Average		22.0	16.3	-5.7	74%	41.7	34.0	-7.7	82%	8.6	9.0	0.4	104%	18.5	16.0	-2.5	86%

WY¹ - USGS Water Year, which begins October 1

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

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		365.1	20%-25%	Watch
Western	Savage River (near Barton)		69.5	10%-15%	Watch
Western	Wills Creek (near Cumberland)		306	5%-10%	Warning
Western	Marsh Run (at Grimes)		5.7	5%-10%	Warning
Central	Catoctin Creek (near Middletown)		37.2	0%-5%	Emergency
Central	Monocacy (Jug Bridge near Frederick)		684	5%-10%	Warning
Central	Patuxent (near Unity)		20.2	0%-5%	Emergency
Central	Deer Cr (at Rocks)		76.9	0%-5%	Emergency
Eastern	Choptank (near Greensboro)		196.1	40%-45%	Warning
Eastern	Nassawango Creek (near Snow Hill)		109.3	70%-75%	Normal
	Susquehanna (at Marietta)		47,500	10%-15%	Watch
	Potomac (at Little Falls)(Adjusted)		8,101	0%-5%	Emergency

Notes:

Ground Water Status for 15 April 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	9.14 [3]	Normal	Emergency
	AL Ah 1	4.36 [2]	Watch	
	WA Be 2	33.88 [2]	Warning	
	WA Bk 25	48.70 [3]	Emergency	
	WA Ci 82	53.94 [2]	Emergency	
Central	BA Dc 444	43.30 [3]	Emergency	Warning
	BA Ea 18	25.05 [2]	Watch	
	CL Ad 47	2.9 [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	12.98 [3]	Warning	
	SO Cf 2	1.44 [3]	Watch	
Southern	CH Bg 12 (unconfined)	2.15 [3]	Normal	Normal
	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 2025-04-16				
[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:

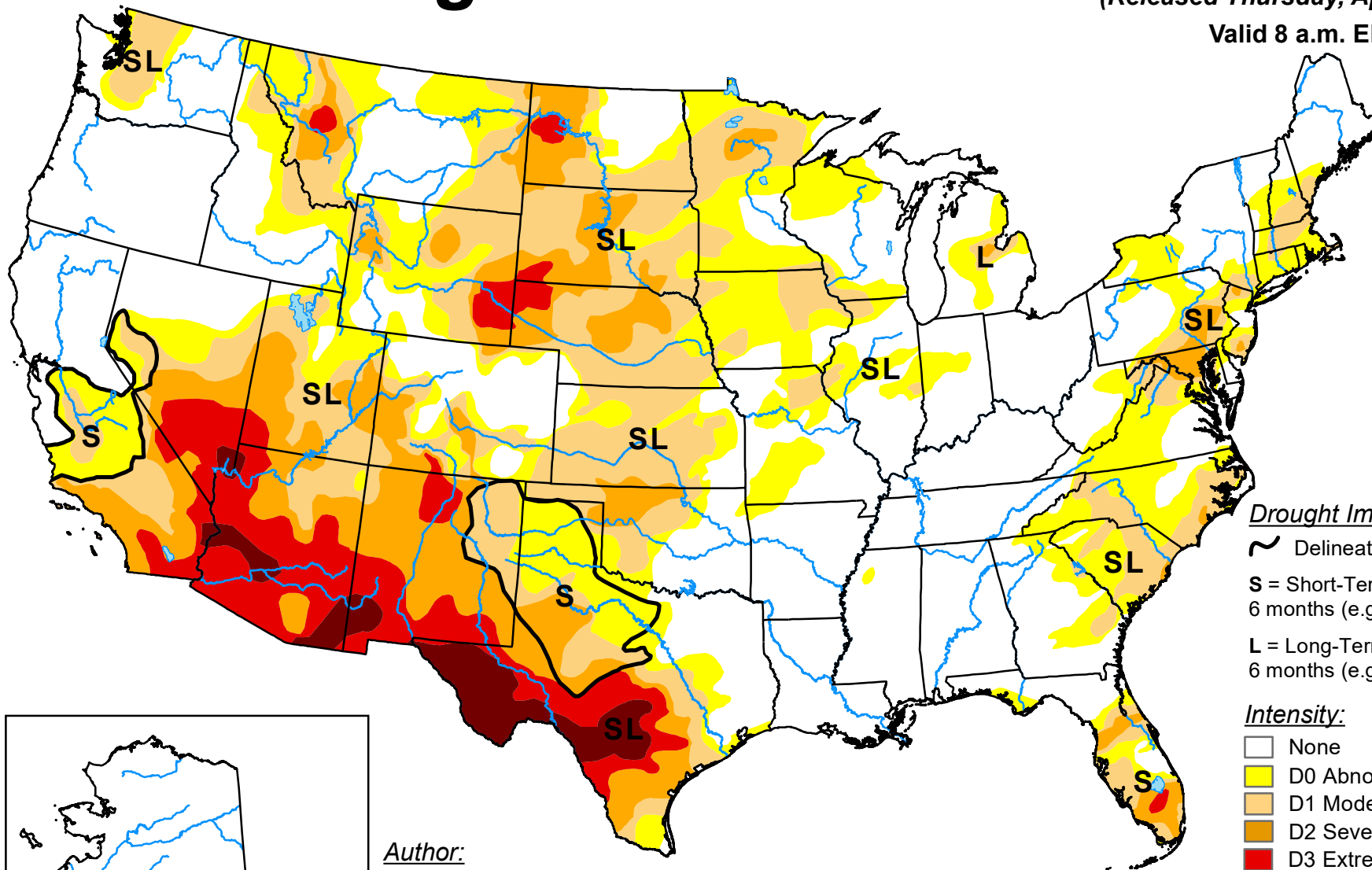
[USGS - NWIS Web Information for USA](#)

U.S. Drought Monitor

April 15, 2025

(Released Thursday, Apr. 17, 2025)

Valid 8 a.m. EDT



Drought Impact Types:

~ Delineates dominant impacts

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

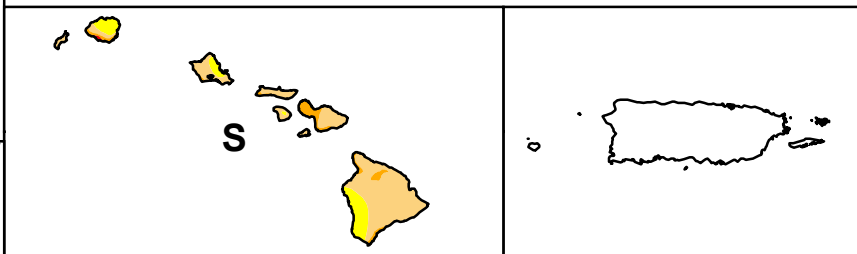
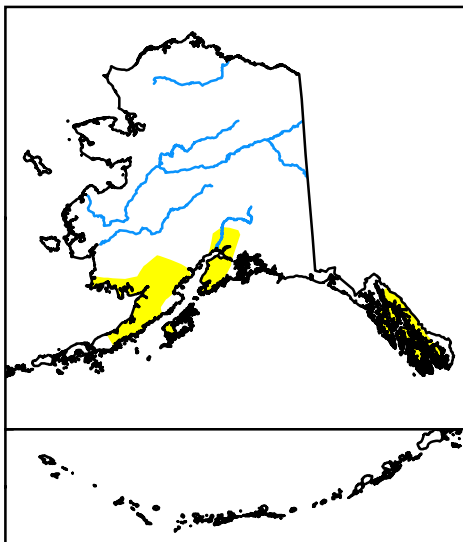
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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

Author:

Curtis Riganti
National Drought Mitigation Center



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>



droughtmonitor.unl.edu

U.S. Drought Monitor Maryland

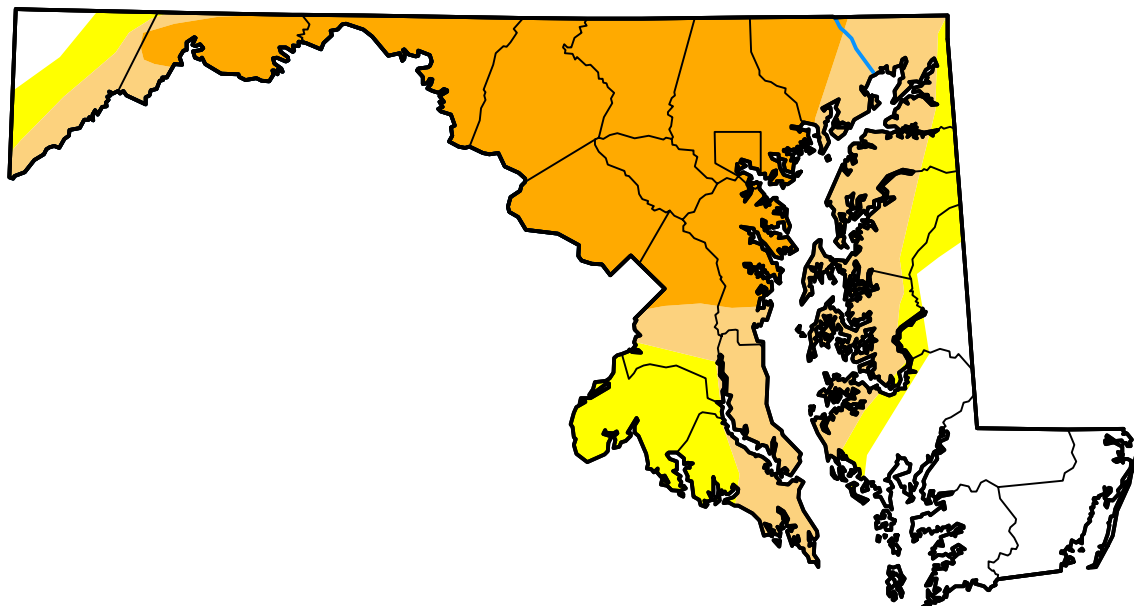
April 15, 2025

(Released Thursday, Apr. 17, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	19.36	80.64	65.36	43.03	0.00	0.00
Last Week <i>04-08-2025</i>	1.72	98.28	75.93	49.77	0.00	0.00
3 Months Ago <i>01-14-2025</i>	1.19	98.81	95.30	51.57	0.00	0.00
Start of Calendar Year <i>01-07-2025</i>	1.19	98.81	95.30	51.57	0.00	0.00
Start of Water Year <i>10-01-2024</i>	18.77	81.23	21.65	9.89	4.07	0.00
One Year Ago <i>04-16-2024</i>	100.00	0.00	0.00	0.00	0.00	0.00



Intensity:

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

Author:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu