

Overall Hydrologic Status for Maryland

Summary of Hydrologic Indicators for 16 August 2025					
	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Normal	Normal	Warning	Normal	Watch
Eastern	Normal	Normal	Normal		Normal
Southern	Normal		Normal		Normal

Notes:

WSSC has lifted their Drought Watch as of June 20th 2025:

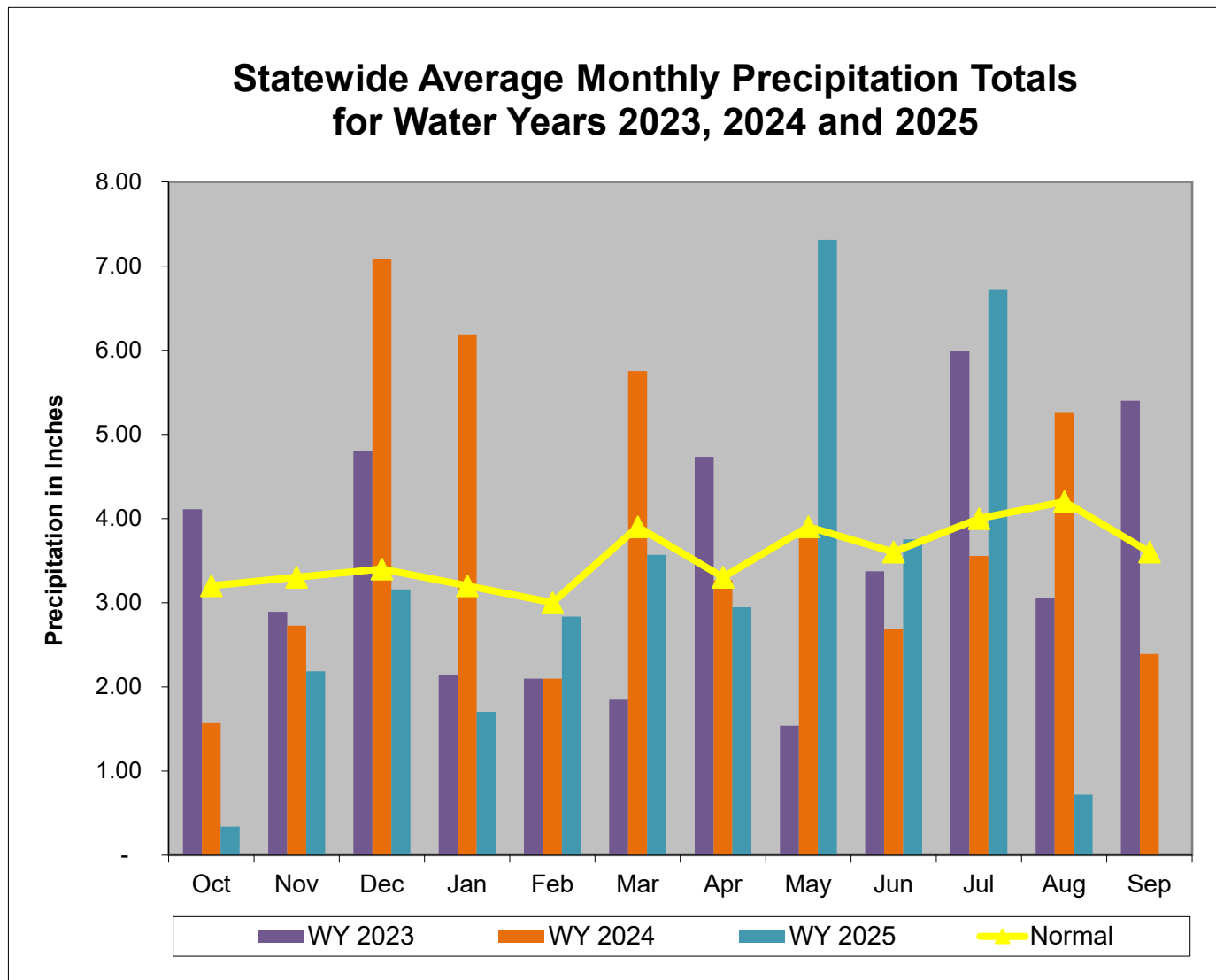
<https://www.mwcog.org/newsroom/2025/06/20/cog-lifts-regional-drought-watch/>

Baltimore DPW Removed Drought Watch lifted as of June 30th 2025:

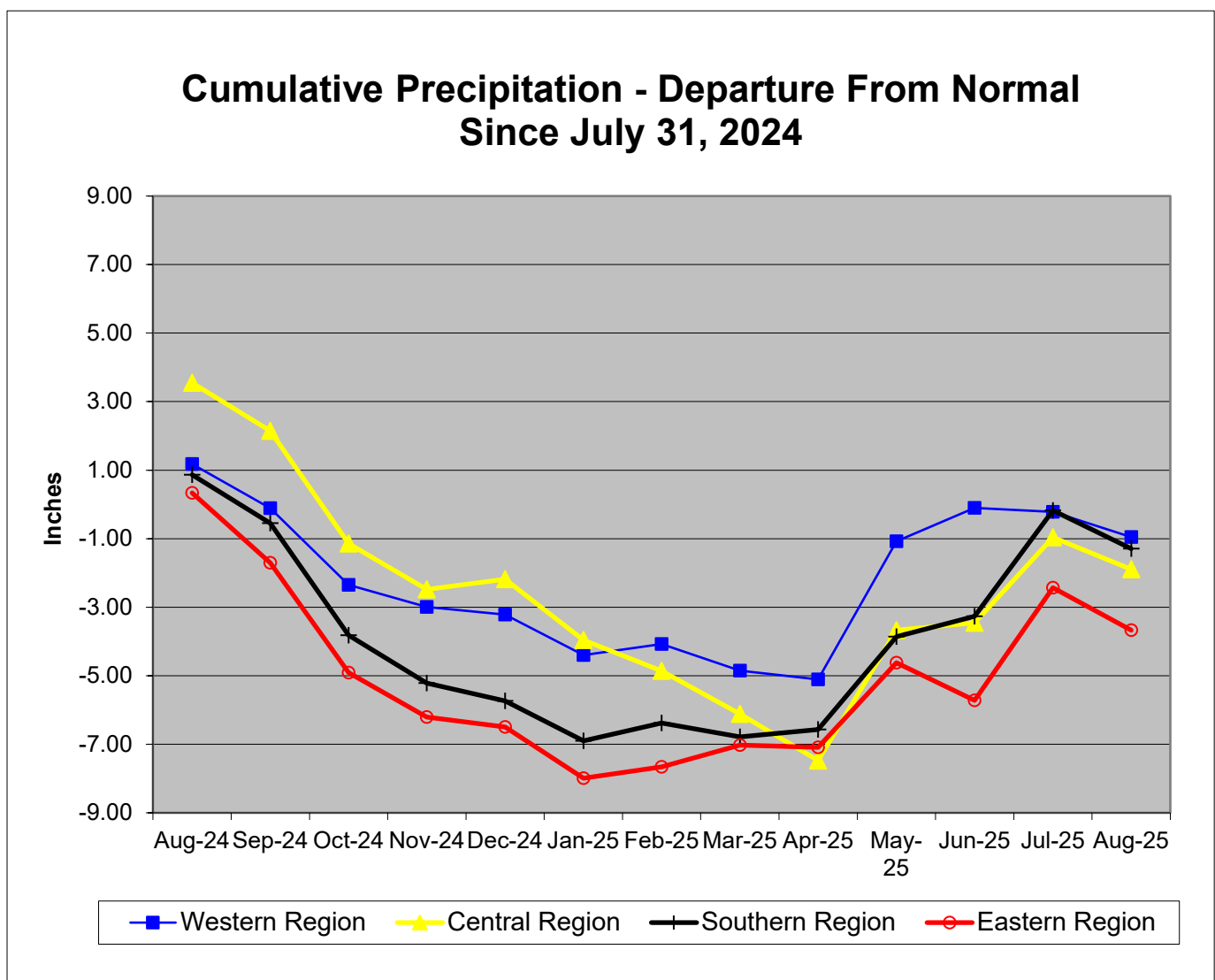
<https://publicworks.baltimorecity.gov/news/press-releases/2025-06-30-voluntary-water-restrictions-lifted-baltimore-region-following-record>

Precipitation Indicators for Maryland Drought Regions						
August 16, 2025						
	Since Sept 30, 2024		Since February 28, 2025		Since August 30, 2024	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	98%	Normal	115%	Normal	95%	Normal
Central	89%	Normal	114%	Normal	87%	Normal
Eastern	95%	Normal	119%	Normal	90%	Normal
Southern	98%	Normal	124%	94%	95%	Normal

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 August 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 August 30, 2024)				2.5 Months (Since May 31, 2025)				6 Months (Since February 28, 2025)			
		COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart
WESTERN REGION	ALLEGANY	33.8	32.7	-1.1	97%	37.3	35.9	-1.4	96%	8.8	9.9	1.1	112%	19.9	24.1	4.2	121%
	GARRETT	40.8	42.0	1.2	103%	44.5	44.5	0.1	100%	11.3	11.2	-0.0	100%	24.0	26.3	2.3	109%
	WASHINGTON	36.6	34.0	-2.6	93%	40.4	35.4	-5.0	88%	8.9	8.2	-0.6	93%	20.1	23.1	2.9	115%
	Regional Average	37.1	36.2	-0.8	98%	40.7	38.6	-2.1	95%	9.7	9.8	0.1	101%	21.4	24.5	3.1	115%
CENTRAL REGION	BALTIMORE COUNTY	39.1	35.3	-3.8	90%	43.5	38.3	-5.2	88%	9.5	12.6	3.1	133%	21.6	25.4	3.8	117%
	CARROLL	37.4	31.9	-5.4	85%	41.6	35.2	-6.4	85%	9.3	10.1	0.8	108%	20.9	22.5	1.6	107%
	CECIL	38.5	34.6	-3.9	90%	42.9	35.5	-7.4	83%	10.0	10.2	0.2	102%	21.7	24.9	3.2	115%
	FREDERICK	36.3	30.1	-6.3	83%	40.4	33.3	-7.2	82%	9.0	8.6	-0.5	95%	20.6	21.4	0.8	104%
	HARFORD	39.3	35.8	-3.4	91%	43.7	38.4	-5.3	88%	10.2	12.7	2.5	125%	22.1	26.2	4.1	119%
	HOWARD	38.3	35.6	-2.7	93%	42.4	39.1	-3.4	92%	9.5	13.2	3.7	139%	21.5	25.4	3.9	118%
	MONTGOMERY	36.7	34.0	-2.7	93%	40.8	37.5	-3.3	92%	9.4	12.0	2.6	128%	20.9	24.3	3.4	116%
	Regional Average	37.9	33.9	-4.0	89%	42.2	36.7	-5.4	87%	9.6	11.3	1.8	119%	21.3	24.3	3.0	114%
SOUTHERN REGION	ANNE ARUNDEL	36.9	35.6	-1.3	96%	40.8	38.1	-2.8	93%	9.3	12.6	3.3	135%	20.8	25.5	4.7	122%
	CALVERT	38.0	37.0	-1.0	97%	41.9	39.4	-2.5	94%	9.9	11.9	2.0	120%	21.6	26.6	5.1	124%
	CHARLES	36.5	35.7	-0.8	98%	40.4	37.7	-2.7	93%	9.6	12.1	2.4	125%	20.6	25.4	4.8	123%
	PRINCE GEORGES	36.7	35.9	-0.9	98%	40.5	38.8	-1.7	96%	9.5	12.7	3.2	134%	20.6	25.6	5.0	124%
	ST MARYS	37.6	38.0	0.4	101%	41.5	40.4	-1.1	97%	9.8	11.6	1.9	119%	21.2	27.1	5.9	128%
	Regional Average	37.2	36.4	-0.7	98%	41.0	38.9	-2.2	95%	9.6	12.2	2.6	127%	21.0	26.1	5.1	124%
EASTERN REGION	CAROLINE	37.4	34.9	-2.5	93%	41.2	36.9	-4.3	90%	9.7	10.4	0.7	107%	21.2	24.5	3.3	116%
	DORCHESTER	38.1	37.9	-0.3	99%	41.7	39.7	-2.0	95%	10.2	12.3	2.1	121%	21.7	27.1	5.4	125%
	KENT	37.2	34.4	-2.8	92%	41.5	35.5	-5.9	86%	9.4	10.2	0.8	108%	21.0	24.8	3.8	118%
	QUEEN ANNES	37.1	34.4	-2.8	93%	41.2	35.8	-5.4	87%	9.5	10.4	1.0	110%	21.0	24.6	3.6	117%
	SOMERSET	37.0	37.0	0.0	100%	40.8	38.8	-2.0	95%	10.0	10.9	0.9	109%	21.0	25.8	4.8	123%
	TALBOT	37.9	36.1	-1.8	95%	41.7	38.7	-3.0	93%	9.9	11.7	1.8	119%	21.5	25.7	4.3	120%
	WICOMICO	35.2	32.3	-3.0	92%	39.0	34.3	-4.7	88%	10.0	11.0	1.1	111%	20.7	24.5	3.8	118%
	WORCESTER	37.9	35.3	-2.7	93%	41.8	37.3	-4.6	89%	10.0	9.2	-0.8	92%	21.0	24.0	3.0	114%
Regional Average	37.2	35.3	-2.0	95%	41.1	37.1	-4.0	90%	9.8	10.8	0.9	110%	21.1	25.1	4.0	119%	
INDEPENDENT CITY OF BALTIMORE		39.1	35.3	-3.8	90%	43.5	38.3	-5.2	88%	9.5	12.6	3.1	133%	21.6	25.4	3.8	117%
Statewide Average		37.5	35.2	-2.3	94%	41.5	37.6	-3.9	91%	9.7	11.2	1.5	116%	21.2	25.0	3.8	118%

WY¹ - USGS Water Year, which begins October 1

Stream Flow Status Based on Thirty Day Average for 2025 August 16

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		94.6	45%-50%	Normal
Western	Savage River (near Barton)		17.8	75%-80%	Normal
Western	Wills Creek (near Cumberland)		150	85%-90%	Normal
Western	Marsh Run (at Grimes)		9.2	65%-70%	Normal
Central	Catoctin Creek (near Middletown)		11.5	30%-35%	Normal
Central	Monocacy (Jug Bridge near Frederick)		250	45%-50%	Normal
Central	Patuxent (near Unity)		21.8	55%-60%	Normal
Central	Deer Cr (at Rocks)		113.1	70%-75%	Normal
Eastern	Choptank (near Greensboro)		56.8	60%-65%	Normal
Eastern	Nassawango Creek (near Snow Hill)		4.9	25%-30%	Normal
	Susquehanna (at Marietta)		14,118	60%-65%	Normal
	Potomac (at Little Falls)(Adjusted)		7,830	80%-85%	Normal

Notes:

Ground Water Status for 16 August 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	14.11 [3]	Normal	Normal
	AL Ah 1	4.29 [2]	Normal	
	WA Be 2	29.94 [2]	Normal	
	WA Bk 25	48.49 [3]	Watch	
	WA Ci 82	46.49 [2]	Normal	
Central	BA Dc 444	42.68 [3]	Emergency	Warning
	BA Ea 18	23.53 [2]	Watch	
	CL Ad 47	3.81 [3]	Normal	
	Fr Bd 96	25.86 [2]	Normal	
	Fr Df 35	57.53 [2]	Watch	
	HA Bd 31	11.95 [2]	Normal	
	HA Ca 23	8.11 [2]	Emergency	
	MO Cc 14	32.12 [2]	Normal	
Eastern	QA Cg 69	4.23 [2]	Normal	Normal
	WI Cg 20	5.98 [2]	Normal	
	MC51-01	14.61 [3]	Warning	
	SO Cf 2	4.05 [3]	Normal	
Southern	CH Bg 12 (unconfined)	7.06 [3]	Normal	Normal
	CA Fd 54 (confined)	246.13 [3]	On Trend[4]	
[1] - Measurement of water level as feet below land surface [2] - Not Available as of 2025-08-19 [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](http://www.water.usgs.gov/nwis/)

Reservoir Volumes and Storage for Drought Monitoring

For the End of July 2025

<i>Water System</i>	<i>Reservoir</i>	<i>Percent Full*</i>	<i>Days of Storage**</i>
City of Frostburg	Piney	100%	425
City of Cumberland	Lake Gordon	100%	418
	Lake Koon	100%	
City of Baltimore	Liberty	100%	360
	Loch Raven	100%	
	Prettyboy	100%	
	Total	100%	
WSSC	Tridelphia Reservoir	94%	190
	Rocky Gorge/Duckett		
	Seneca Creek Reserve	99%	NA
All Potomac River Plants	Jennings-Randolph Reserve***	100%	NA

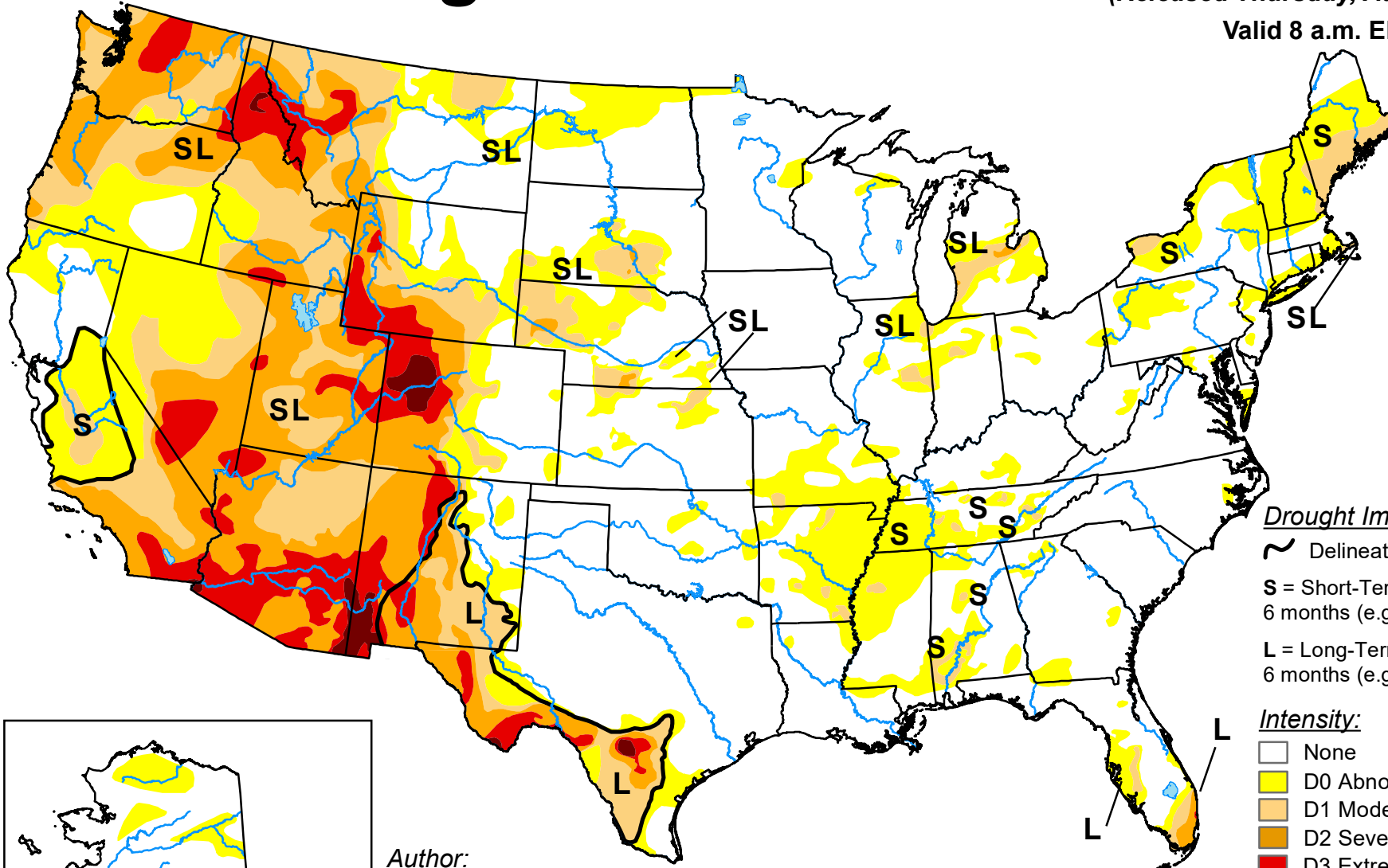
* *Percent Full* is the ratio of current volume to the maximum usable volume in each reservoir as of the end of July 2025

** *Days of Storage* is the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous three years.

*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

U.S. Drought Monitor

August 12, 2025
(Released Thursday, Aug. 14, 2025)
Valid 8 a.m. EDT

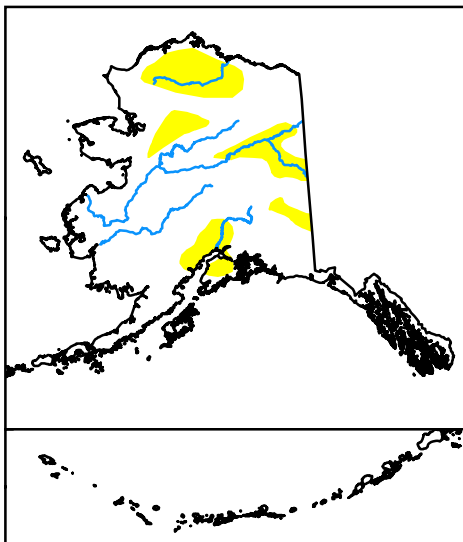


Drought Impact Types:

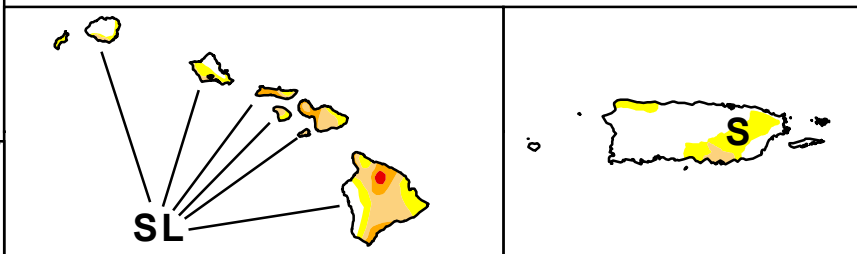
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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



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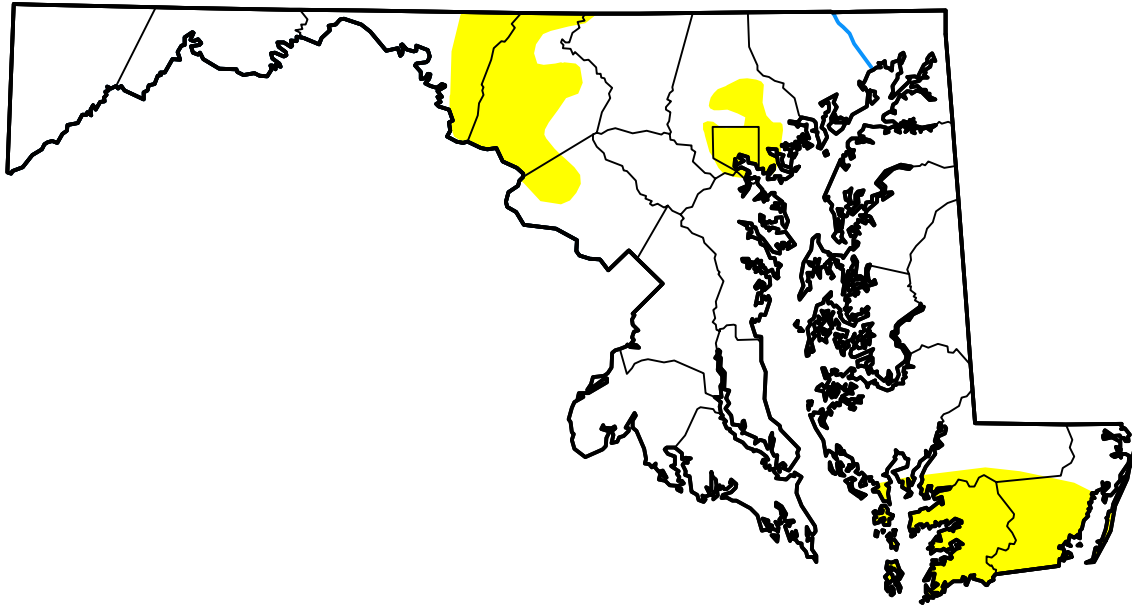
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu

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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	82.54	17.46	0.00	0.00	0.00	0.00
Last Week <i>08-05-2025</i>	97.73	2.27	0.00	0.00	0.00	0.00
3 Months Ago <i>05-13-2025</i>	20.12	79.88	61.05	26.72	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>08-13-2024</i>	35.37	64.63	17.94	13.51	0.00	0.00

Intensity:



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