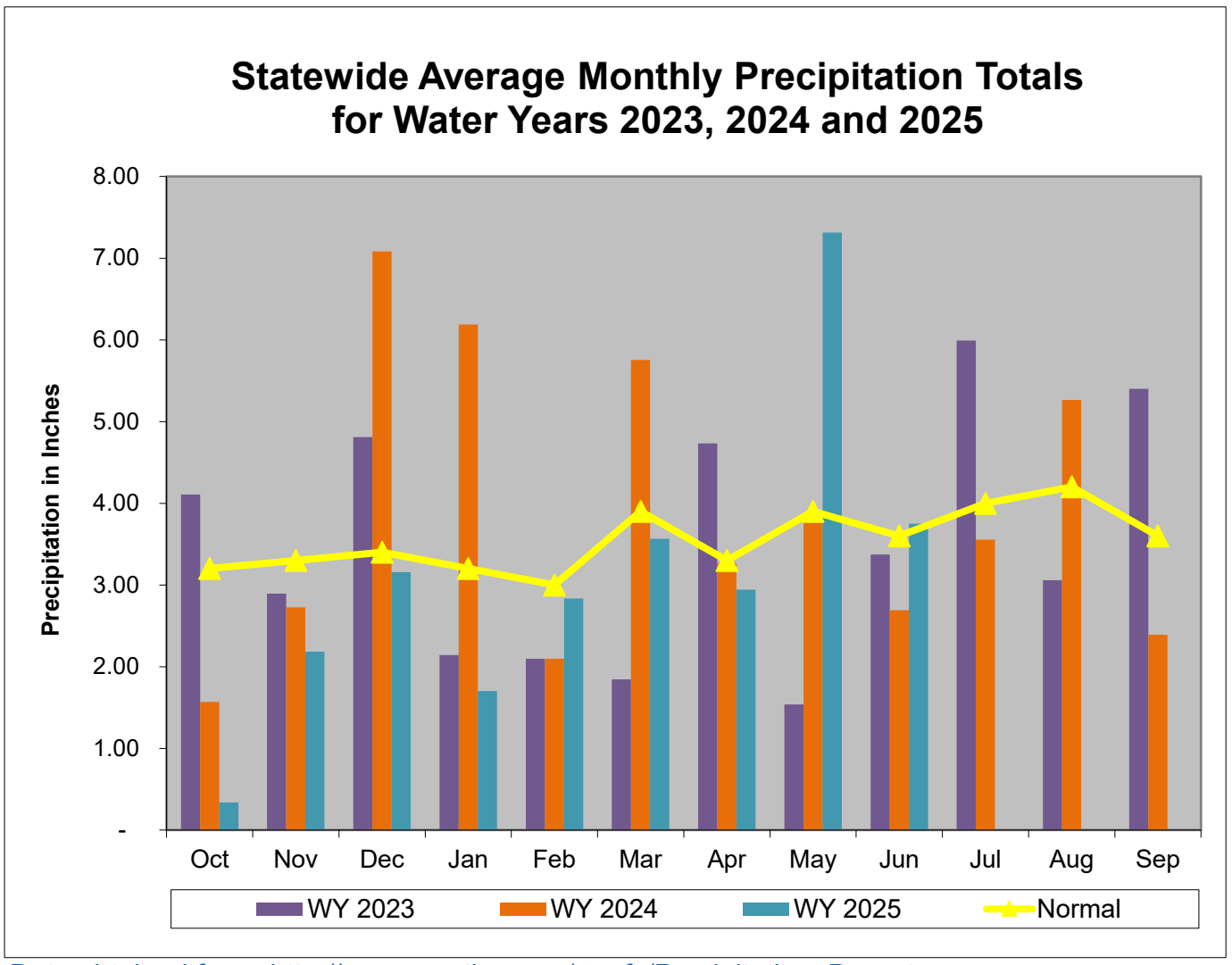
Overall Hydrologic Status for Maryland

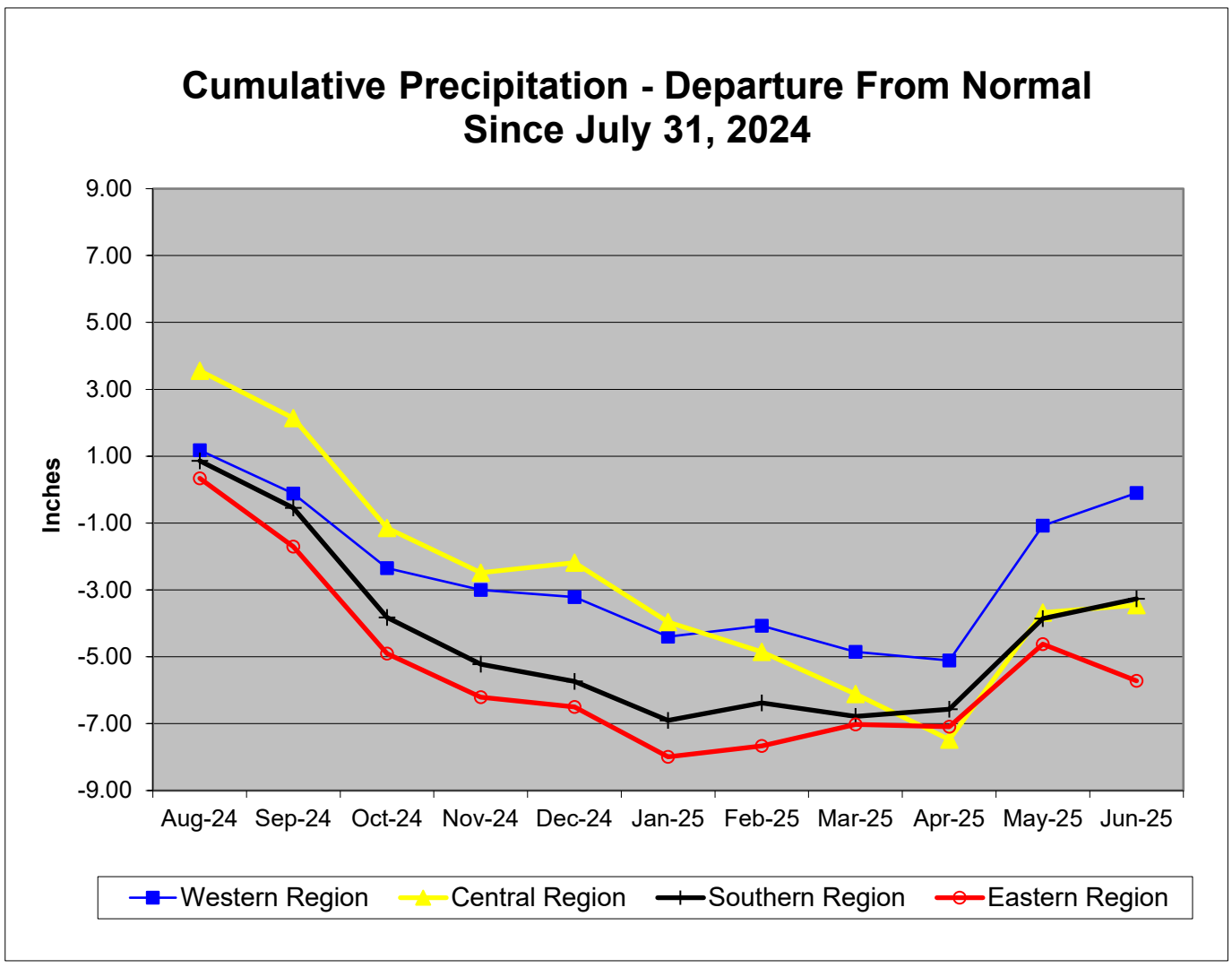
Summary of Hydrologic Indicators for 30 June 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Warning	Normal	Watch
Eastern	Normal	Normal	Normal		Normal
Southern	Normal		Normal		Normal

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 June 30, 2025						
	Since Sept 30, 2024		Since Dec 31, 2024		Since June 30, 2024	
Regions	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**
Western	100%	Normal	114%	Normal	98%	Normal
Central	83%	Watch	94%	Normal	89%	Normal
Eastern	87%	Normal	104%	Normal	89%	Normal
Southern	91%	Normal	112%	Normal	90%	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 30 June 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 June 30, 2024)				3 Months (Since March 31, 2025)				6 Months (Since December 31, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	28.7	27.6	-1.0	96%	39.0	37.8	-1.1	97%	11.2	17.4	6.2	156%	19.9	22.7	2.8	114%
	GARRETT	34.0	36.3	2.3	107%	46.4	45.2	-1.1	98%	13.2	18.7	5.6	142%	24.1	26.6	2.6	111%
	WASHINGTON	31.6	30.4	-1.2	96%	43.9	43.4	-0.4	99%	10.9	13.3	2.5	122%	21.7	25.6	4.0	118%
	Regional Average	31.4	31.4	0.0	100%	43.1	42.2	-0.9	98%	11.7	16.5	4.8	140%	21.9	25.0	3.1	114%
CENTRAL REGION	BALTIMORE COUNTY	33.3	26.7	-6.7	80%	45.2	39.2	-6.0	87%	11.8	14.1	2.3	120%	22.3	20.1	-2.1	90%
	CARROLL	31.7	26.1	-5.6	82%	43.4	40.2	-3.2	93%	11.5	14.7	3.2	128%	21.3	19.8	-1.5	93%
	CECIL	32.3	27.3	-5.0	85%	44.7	36.6	-8.1	82%	11.5	13.2	1.7	115%	21.7	20.9	-0.7	97%
	FREDERICK	31.1	26.2	-4.9	84%	42.1	39.0	-3.1	93%	11.7	15.7	4.0	134%	21.1	20.5	-0.6	97%
	HARFORD	33.0	27.1	-5.8	82%	45.6	37.3	-8.2	82%	11.8	14.2	2.5	121%	22.0	20.6	-1.4	93%
	HOWARD	32.7	26.5	-6.2	81%	44.1	40.4	-3.7	92%	11.9	13.9	2.0	117%	22.1	20.2	-1.9	91%
	MONTGOMERY	31.2	26.3	-4.9	84%	42.5	40.0	-2.5	94%	11.6	14.6	3.0	126%	21.1	20.5	-0.6	97%
	Regional Average	32.2	26.6	-5.6	83%	43.9	39.0	-5.0	89%	11.7	14.3	2.7	123%	21.6	20.4	-1.3	94%
SOUTHERN REGION	ANNE ARUNDEL	31.3	27.9	-3.4	89%	42.6	39.2	-3.4	92%	11.3	14.6	3.3	129%	21.1	22.3	1.3	106%
	CALVERT	32.2	29.3	-2.9	91%	43.8	38.3	-5.6	87%	11.7	15.0	3.4	129%	21.8	24.4	2.6	112%
	CHARLES	30.8	28.2	-2.6	91%	42.3	36.9	-5.4	87%	11.1	15.0	3.9	135%	20.7	23.5	2.8	113%
	PRINCE GEORGES	31.1	28.1	-2.9	91%	42.3	39.0	-3.3	92%	11.3	14.9	3.6	132%	20.8	22.9	2.1	110%
	ST MARYS	31.5	29.7	-1.8	94%	43.5	39.0	-4.5	90%	11.1	14.5	3.5	131%	21.3	24.9	3.6	117%
	Regional Average	31.4	28.6	-2.7	91%	42.9	38.5	-4.4	90%	11.3	14.8	3.5	131%	21.1	23.6	2.5	112%
EASTERN REGION	CAROLINE	31.4	26.9	-4.5	86%	43.3	38.3	-5.0	89%	11.2	11.2	0.0	100%	21.3	21.5	0.3	101%
	DORCHESTER	31.9	27.8	-4.1	87%	43.8	39.6	-4.2	90%	11.4	11.5	0.1	101%	21.8	22.7	0.9	104%
	KENT	31.4	26.4	-5.1	84%	43.2	35.1	-8.2	81%	11.3	12.5	1.2	111%	21.3	20.4	-0.8	96%
	QUEEN ANNES	31.3	26.6	-4.7	85%	43.0	36.7	-6.4	85%	11.2	12.5	1.3	112%	21.2	21.1	-0.1	99%
	SOMERSET	30.5	28.7	-1.8	94%	43.0	41.0	-2.0	95%	10.3	11.8	1.5	114%	20.9	24.0	3.1	115%
	TALBOT	31.9	27.7	-4.2	87%	43.8	39.1	-4.7	89%	11.4	12.4	1.0	109%	21.6	22.4	0.8	104%
	WICOMICO	29.0	23.7	-5.3	82%	39.5	35.6	-3.9	90%	11.0	14.3	3.3	130%	19.7	18.6	-1.0	95%
	WORCESTER	31.5	29.0	-2.5	92%	44.1	39.8	-4.3	90%	10.3	12.3	2.0	119%	21.2	24.3	3.1	114%
	Regional Average	31.1	27.1	-4.0	87%	43.0	38.1	-4.8	89%	11.0	12.3	1.3	112%	21.1	21.9	0.8	104%
INDEPENDENT CITY OF BALTIMORE		33.3	26.7	-6.7	80%	45.2	39.2	-6.0	87%	11.8	14.1	2.3	120%	22.3	20.1	-2.1	90%
Statewide Average		31.6	27.8	-3.8	88%	43.3	39.0	-4.3	90%	11.4	14.0	2.6	123%	21.4	22.1	0.7	103%

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

Stream Flow Status Based on Thirty Day Average for 2025 June 30

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		593.2	95%-100%	Normal
Western	Savage River (near Barton)		129.8	90%-95%	Normal
Western	Wills Creek (near Cumberland)		747	95%-100%	Normal
Western	Marsh Run (at Grimes)		14.1	65%-70%	Normal
Central	Catoctin Creek (near Middletown)		121.6	85%-90%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,217	85%-90%	Normal
Central	Patuxent (near Unity)		46.4	75%-80%	Normal
Central	Deer Cr (at Rocks)		89.0	20%-25%	Watch
Eastern	Choptank (near Greensboro)		74.9	50%-55%	Normal
Eastern	Nassawango Creek (near Snow Hill)		17.6	45%-50%	Normal
	Susquehanna (at Marietta)		60,953	90%-95%	Normal
	Potomac (at Little Falls)(Adjusted)		21,490	90%-95%	Normal

Notes:

Ground Water Status for 30 June 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	11.21	Normal	Normal
	AL Ah 1	4.08	Normal	
	WA Be 2	25.80	Normal	
	WA Bk 25	42.77	Normal	
	WA Ci 82	44.78	Normal	
Central	BA Dc 444	42.77 [3]	Emergency	Warning
	BA Ea 18	23.82	Watch	
	CL Ad 47	2.74 [3]	Normal	
	Fr Bd 96	19.62	Normal	
	Fr Df 35	56.41	Normal	
	HA Bd 31	12.02	Watch	
	HA Ca 23	8.38	Emergency	
	MO Cc 14	25.05	Normal	
Eastern	QA Cg 69	3.41	Normal	Normal
	WI Cg 20	6.65	Normal	
	MC51-01	12.88	Watch	
	SO Cf 2	3.03	Normal	
Southern	CH Bg 12 (unconfined)	5.28 [3]	Normal	***Normal***
	CA Fd 54 (confined)	246.11 [3]	On Trend[4]	

[1] - Measurement of water level as feet below land surface
[2] - Not Available as of 2025-07-03
[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

Reservoir Volumes and Storage for Drought Monitoring

For the End of June 2025

Water System	*Reservoir*	*Percent Full**	*Days of Storage***
City of Frostburg	Piney	100%	435
City of Cumberland	Lake Gordon	100%	404
	Lake Koon	95%	
City of Baltimore	Liberty	98%	344
	Loch Raven	99%	
	Prettyboy	98%	
	Total	99%	
WSSC	Tridelphia Reservoir	95%	185
	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 June 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.

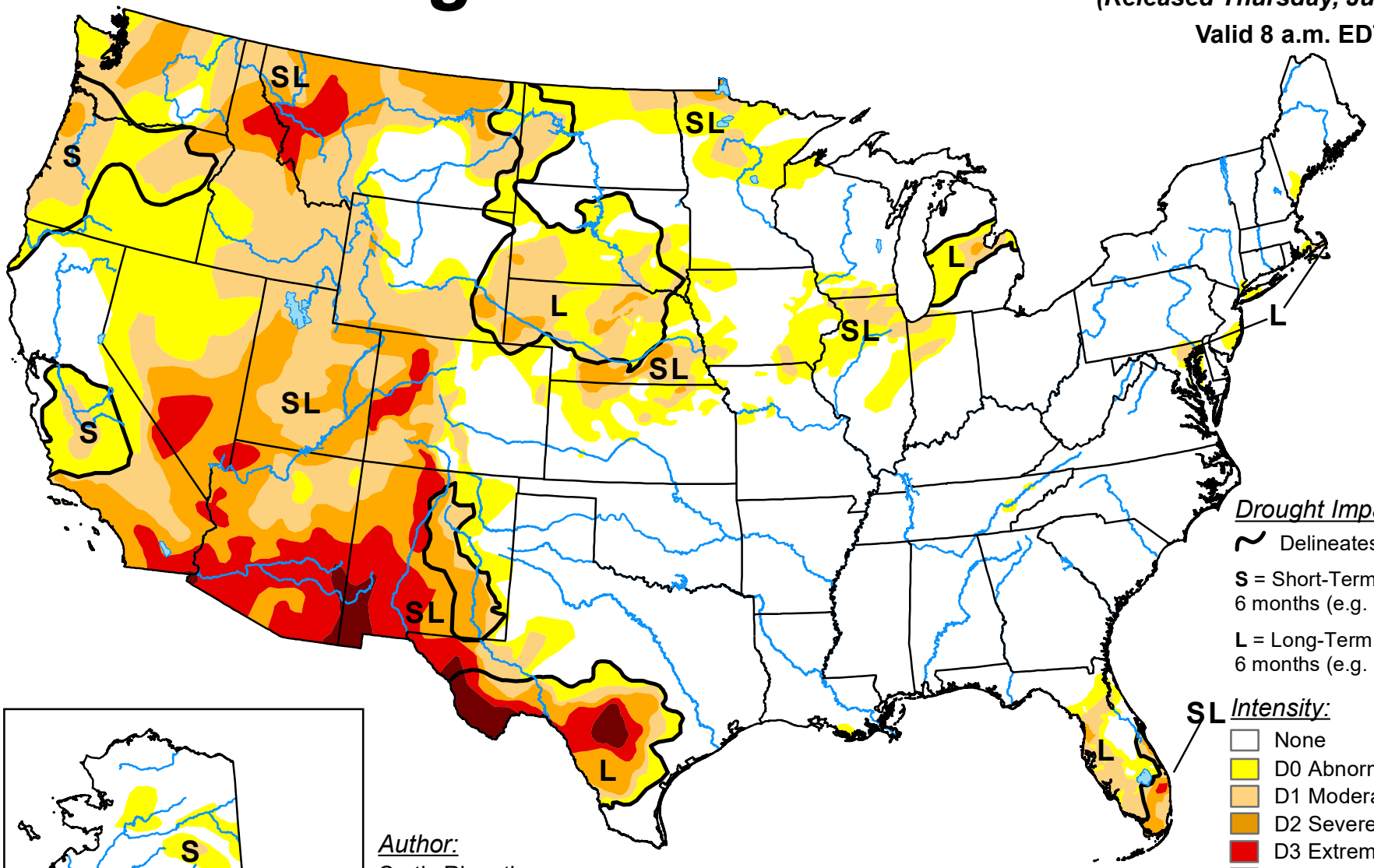
*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

U.S. Drought Monitor

July 1, 2025

(Released Thursday, Jul. 3, 2025)

Valid 8 a.m. EDT



Drought Impact Types:

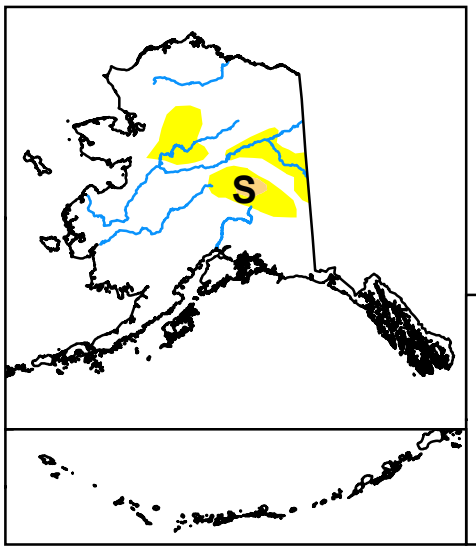
~ Delineates dominant impacts

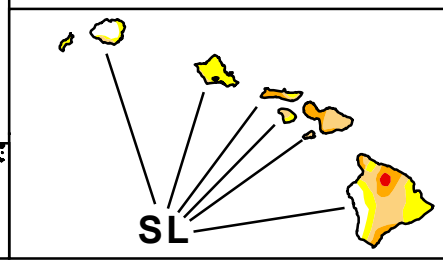
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)

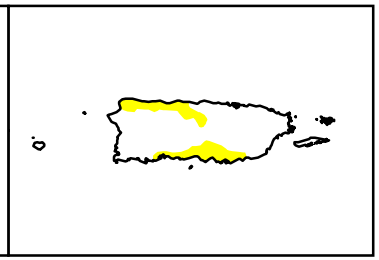
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

SL *Intensity:*

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







Author:
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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

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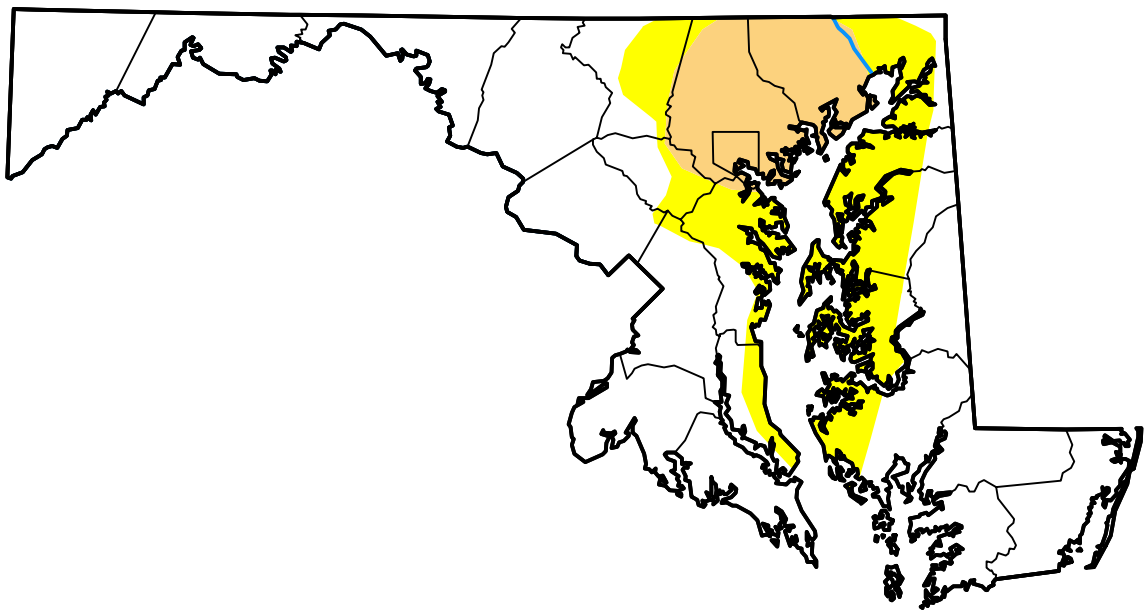
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	69.02	30.98	11.82	0.00	0.00	0.00
Last Week *06-24-2025*	66.40	33.60	11.82	0.00	0.00	0.00
3 Months Ago *04-01-2025*	0.00	100.00	82.26	58.35	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 *07-02-2024*	6.03	93.97	52.74	7.78	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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