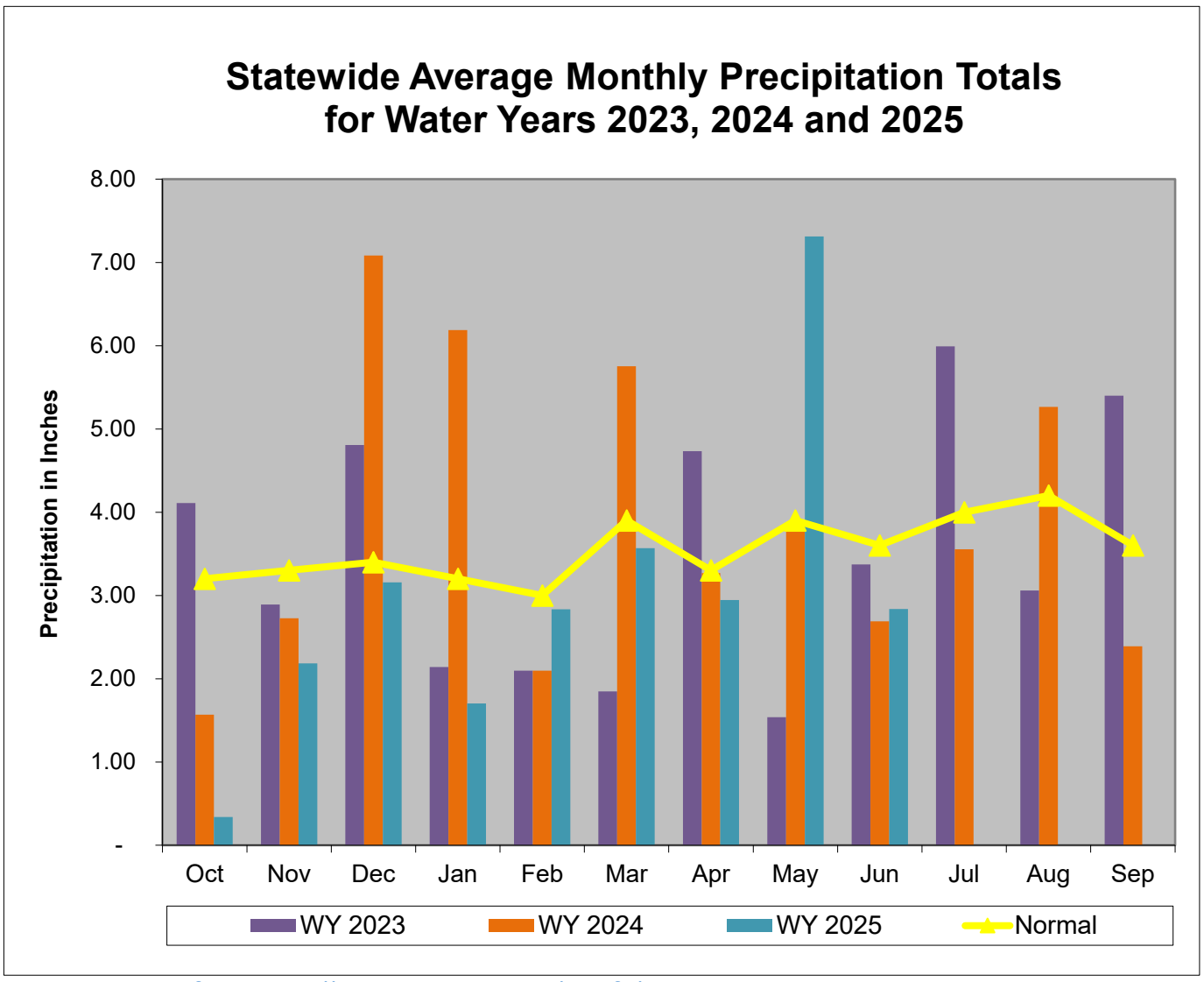
Overall Hydrologic Status for Maryland

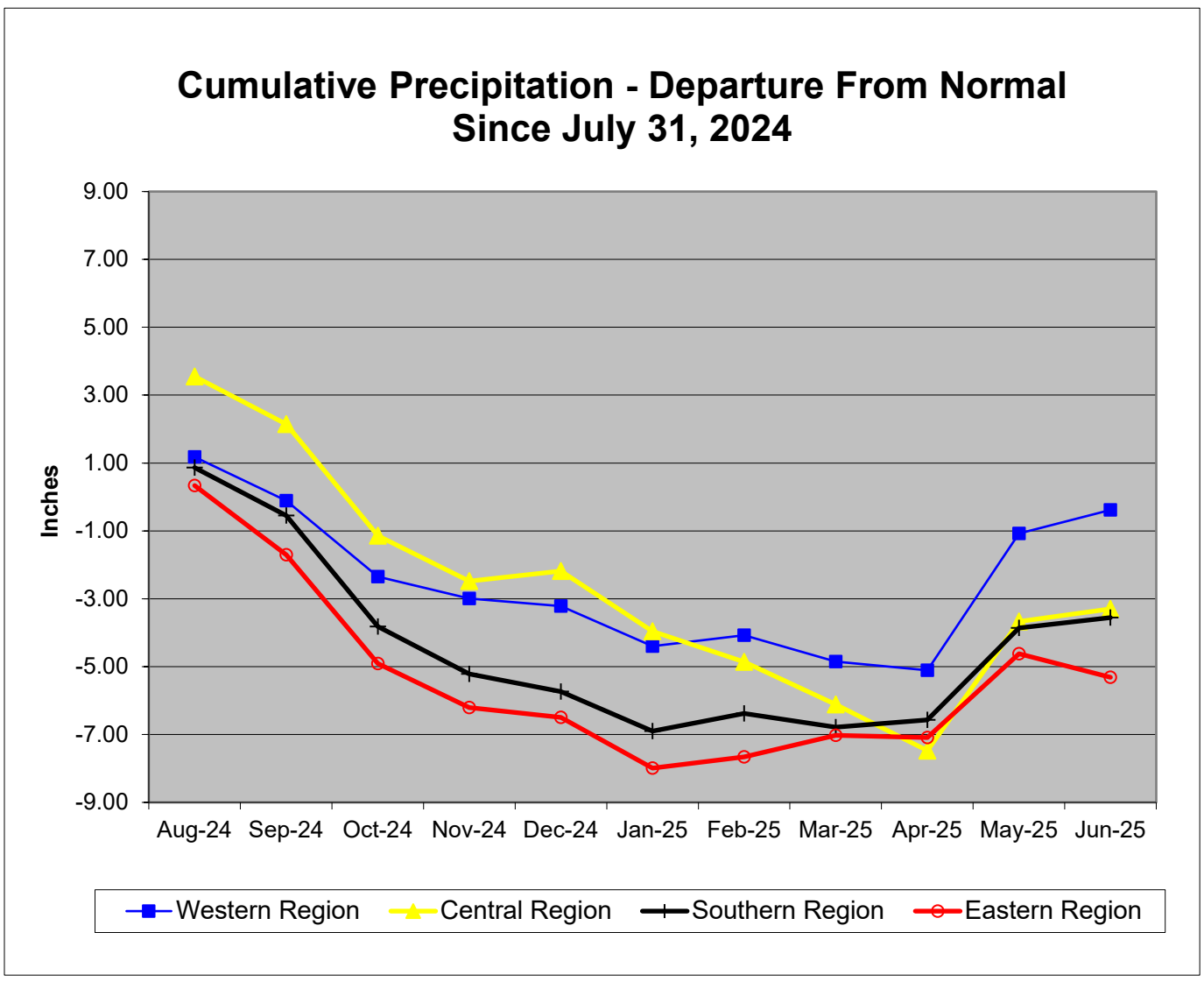
Summary of Hydrologic Indicators for 22 June 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Normal	Emergency	Normal	Warning
Eastern	Normal	Normal	Normal		Normal
Southern	Normal		Normal		Normal

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 Issued a Drought Watch as of May 5th 2025:
https://publicworks.baltimorecity.gov/news/press-releases/2025-05-08-voluntary-water-restrictions-issued-baltimore-region-amid-critically

Precipitation Indicators for Maryland Drought Regions June 22, 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	99%	Normal	114%	Normal	97%	Normal
Central	83%	Watch	95%	Normal	89%	Normal
Eastern	88%	Normal	106%	Normal	89%	Normal
Southern	90%	Normal	111%	Normal	89%	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 22 June 2025 (WY 2025)

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY[1] To Date (Since September 30, 2024)				11.75 Months (Since June 30, 2024)				2.75 Months (Since March 31, 2025)				5.75 Months (Since December 31, 2024)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	27.7	27.0	-0.7	98%	38.0	37.2	-0.8	98%	10.2	16.8	6.6	165%	18.9	22.0	3.1	117%
	GARRETT	32.8	35.7	2.9	109%	45.2	44.6	-0.5	99%	12.0	18.1	6.2	152%	22.9	26.0	3.2	114%
	WASHINGTON	30.5	27.5	-3.0	90%	42.8	40.5	-2.2	95%	9.8	10.5	0.7	107%	20.6	22.8	2.2	111%
	Regional Average	30.3	30.0	-0.3	99%	42.0	40.8	-1.2	97%	10.6	15.1	4.5	142%	20.8	23.6	2.8	114%
CENTRAL REGION	BALTIMORE COUNTY	32.4	25.9	-6.4	80%	44.2	38.5	-5.8	87%	10.8	13.4	2.6	124%	21.3	19.4	-1.9	91%
	CARROLL	30.7	25.5	-5.3	83%	42.4	39.6	-2.9	93%	10.5	14.0	3.5	133%	20.3	19.1	-1.2	94%
	CECIL	31.3	26.2	-5.1	84%	43.7	35.5	-8.2	81%	10.4	12.1	1.6	116%	20.6	19.8	-0.8	96%
	FREDERICK	30.1	25.3	-4.7	84%	41.1	38.2	-2.9	93%	10.7	14.8	4.2	139%	20.1	19.7	-0.4	98%
	HARFORD	31.9	25.3	-6.6	79%	44.5	35.5	-9.1	80%	10.7	12.4	1.7	115%	20.9	18.7	-2.2	89%
	HOWARD	31.7	26.0	-5.7	82%	43.1	40.0	-3.1	93%	10.8	13.4	2.6	124%	21.0	19.7	-1.3	94%
	MONTGOMERY	30.2	25.8	-4.3	86%	41.5	39.6	-1.9	95%	10.5	14.2	3.6	135%	20.1	20.1	0.0	100%
	Regional Average	31.2	25.7	-5.4	83%	42.9	38.1	-4.8	89%	10.6	13.5	2.8	126%	20.6	19.5	-1.1	95%
SOUTHERN REGION	ANNE ARUNDEL	30.3	26.5	-3.8	87%	41.6	37.8	-3.8	91%	10.3	13.2	2.9	128%	20.1	21.0	0.9	104%
	CALVERT	31.1	27.6	-3.5	89%	42.8	36.6	-6.2	86%	10.6	13.4	2.8	126%	20.7	22.8	2.0	110%
	CHARLES	29.7	27.1	-2.6	91%	41.2	35.9	-5.4	87%	10.1	13.9	3.8	138%	19.7	22.4	2.8	114%
	PRINCE GEORGES	30.0	26.8	-3.2	89%	41.3	37.7	-3.6	91%	10.3	13.6	3.3	132%	19.8	21.6	1.8	109%
	ST MARYS	30.6	28.6	-2.0	94%	42.6	37.9	-4.7	89%	10.1	13.4	3.3	133%	20.3	23.8	3.5	117%
	Regional Average	30.3	27.3	-3.0	90%	41.9	37.2	-4.7	89%	10.3	13.5	3.2	131%	20.1	22.3	2.2	111%
EASTERN REGION	CAROLINE	30.4	26.2	-4.2	86%	42.3	37.6	-4.7	89%	10.2	10.5	0.3	103%	20.3	20.9	0.6	103%
	DORCHESTER	30.8	27.4	-3.5	89%	42.7	39.2	-3.6	92%	10.3	11.1	0.7	107%	20.7	22.3	1.5	107%
	KENT	30.5	25.6	-4.9	84%	42.3	34.3	-8.0	81%	10.3	11.7	1.4	114%	20.3	19.7	-0.6	97%
	QUEEN ANNES	30.4	26.1	-4.3	86%	42.1	36.1	-6.0	86%	10.2	11.9	1.7	117%	20.2	20.5	0.3	101%
	SOMERSET	29.6	27.7	-1.8	94%	42.1	40.0	-2.1	95%	9.4	10.8	1.4	115%	20.0	23.0	3.0	115%
	TALBOT	30.8	27.0	-3.9	87%	42.7	38.4	-4.3	90%	10.4	11.7	1.3	113%	20.6	21.7	1.2	106%
	WICOMICO	28.1	24.5	-3.5	87%	38.6	36.5	-2.1	95%	10.1	15.2	5.1	150%	18.8	19.5	0.8	104%
	WORCESTER	30.6	27.7	-2.8	91%	43.2	38.6	-4.6	89%	9.4	11.1	1.7	118%	20.3	23.0	2.8	114%
	Regional Average	30.1	26.5	-3.6	88%	42.0	37.6	-4.4	89%	10.0	11.7	1.7	117%	20.1	21.3	1.2	106%
INDEPENDENT CITY OF BALTIMORE		32.4	25.9	-6.4	80%	44.2	38.5	-5.8	87%	10.8	13.4	2.6	124%	21.3	19.4	-1.9	91%
Statewide Average		30.6	26.9	-3.7	88%	42.3	38.1	-4.2	90%	10.4	13.1	2.7	126%	20.4	21.2	0.8	104%

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

Stream Flow Status Based on Thirty Day Average for 2025 June 22

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		884.1	95%-100%	Normal
Western	Savage River (near Barton)		198.3	95%-100%	Normal
Western	Wills Creek (near Cumberland)		1,055	95%-100%	Normal
Western	Marsh Run (at Grimes)		15.2	60%-65%	Normal
Central	Catoctin Creek (near Middletown)		155.4	90%-95%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,664	90%-95%	Normal
Central	Patuxent (near Unity)		54.0	75%-80%	Normal
Central	Deer Cr (at Rocks)		111.9	40%-45%	Normal
Eastern	Choptank (near Greensboro)		89.2	50%-55%	Normal
Eastern	Nassawango Creek (near Snow Hill)		22.5	45%-50%	Normal
	Susquehanna (at Marietta)		68,120	90%-95%	Normal
	Potomac (at Little Falls)(Adjusted)		24,936	95%-100%	Normal

Notes:

Ground Water Status for 22 June 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	9.68 [3]	Normal	Normal
	AL Ah 1	2.89 [2]	Normal	
	WA Be 2	29.62 [2]	Normal	
	WA Bk 25	40.68 [3]	Normal	
	WA Ci 82	42.43 [2]	Normal	
Central	BA Dc 444	42.90 [3]	Emergency	Emergency
	BA Ea 18	24.83 [2]	Emergency	
	CL Ad 47	2.05 [3]	Normal	
	Fr Bd 96	10.96 [2]	Normal	
	Fr Df 35	57.26 [2]	Watch	
	HA Bd 31	12.56 [2]	Emergency	
	HA Ca 23	9.07 [2]	Emergency	
	MO Cc 14	26.17 [2]	Normal	
Eastern	QA Cg 69	3.65 [2]	Normal	Normal
	WI Cg 20	5.2 [2]	Normal	
	MC51-01	13.17 [3]	Watch	
	SO Cf 2	2.20 [2]	Normal	
Southern	CH Bg 12 (unconfined)	4.72 [3]	Normal	***Normal***
	CA Fd 54 (confined)	245.13 [3]	On Trend[4]	

[1] - Measurement of water level as feet below land surface
[2] - Not Available as of 2025-06-24
[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 May 2025

Water System	*Reservoir*	*Percent Full**	*Days of Storage***
City of Frostburg	Piney	100%	450
City of Cumberland	Lake Gordon	100%	404
	Lake Koon	95%	
City of Baltimore	Liberty	95%	331
	Loch Raven	98%	
	Prettyboy	93%	
	Total	95%	
WSSC	Tridelphia Reservoir	89%	171
	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 May 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.

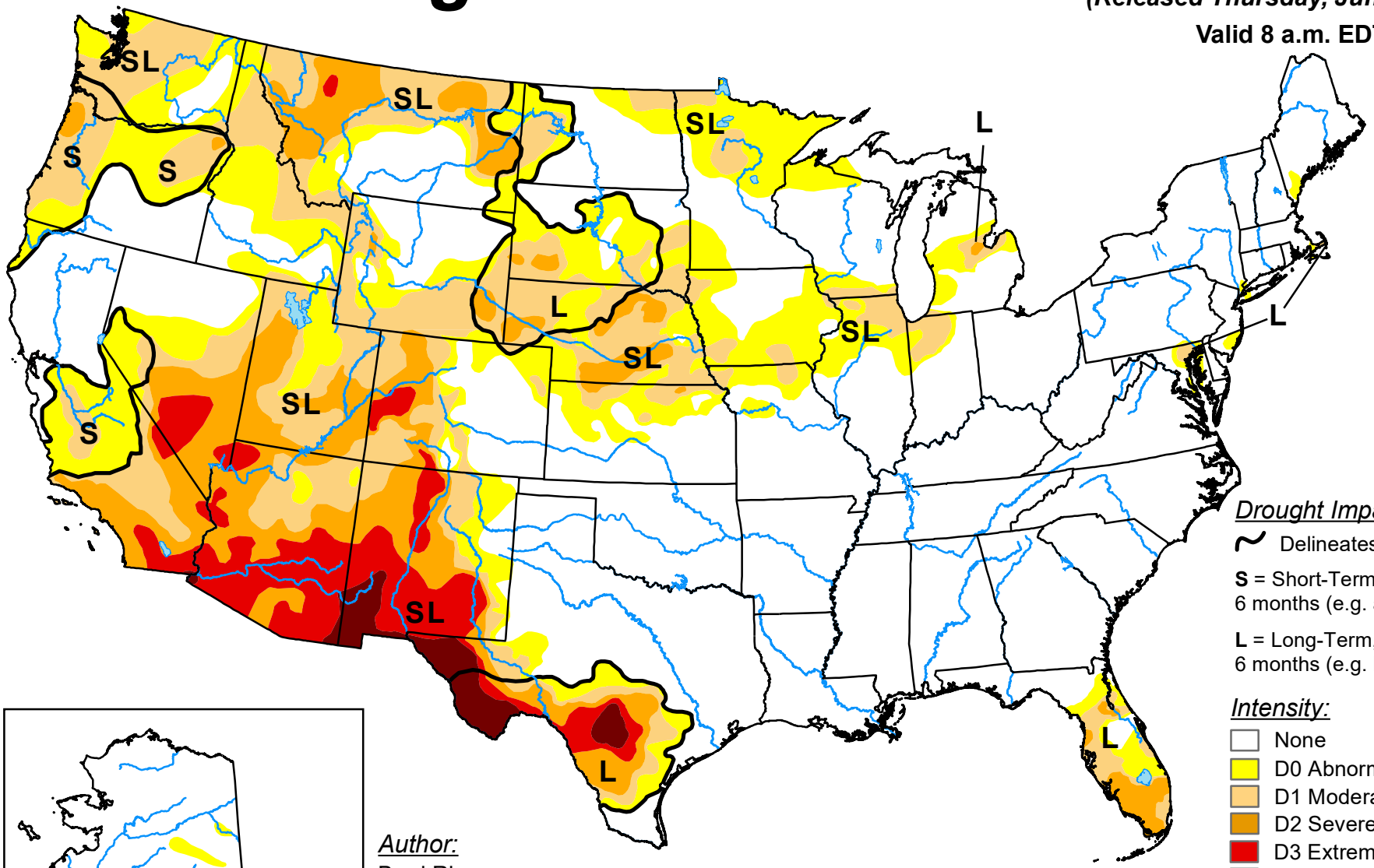
*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

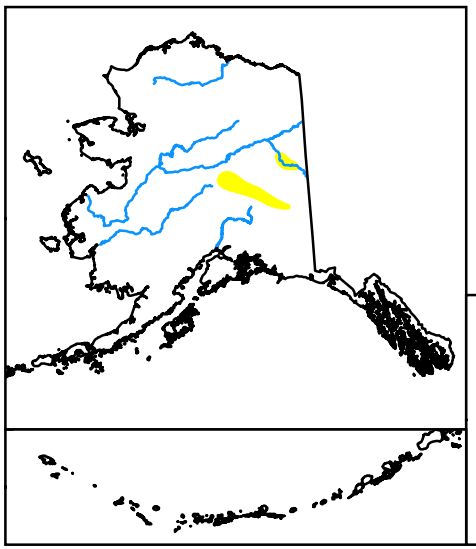
U.S. Drought Monitor

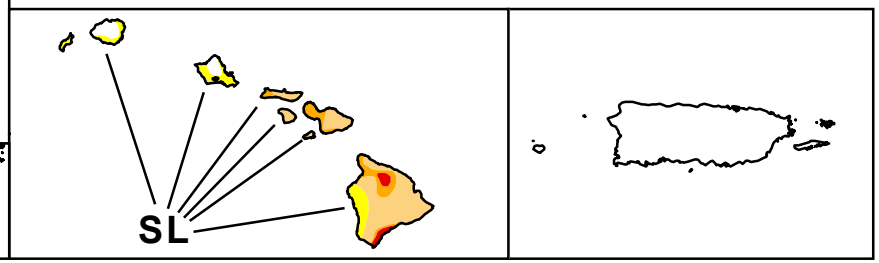
June 17, 2025

(Released Thursday, Jun. 19, 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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U.S. Department of Agriculture

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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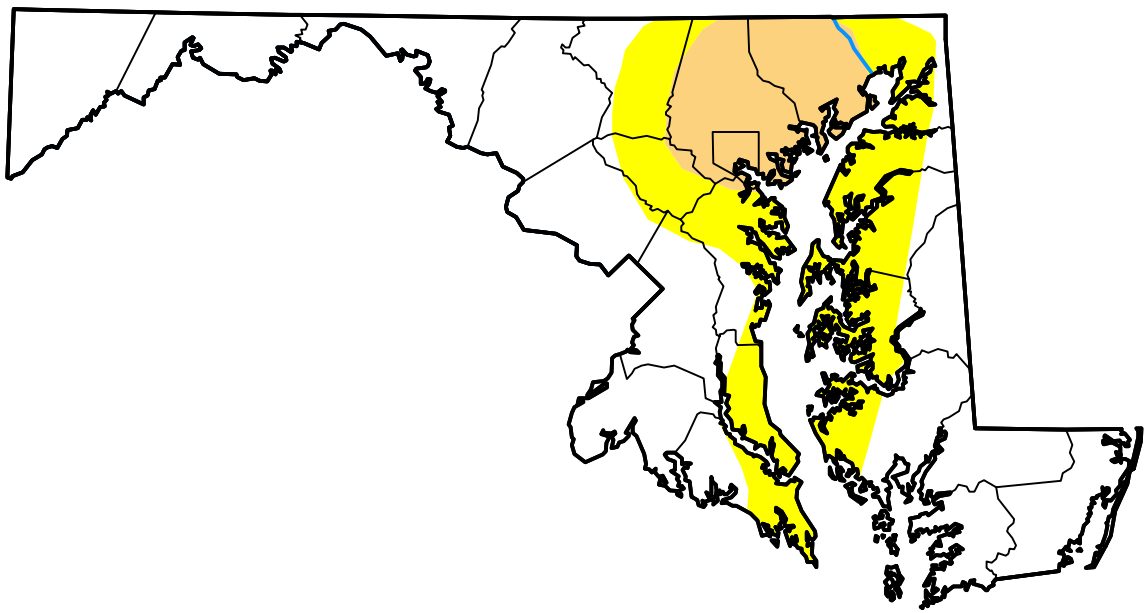
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	64.35	35.65	11.82	0.00	0.00	0.00
Last Week *06-10-2025*	53.28	46.72	13.72	0.00	0.00	0.00
3 Months Ago *03-18-2025*	1.95	98.05	81.57	42.14	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 *06-18-2024*	14.54	85.46	5.44	0.00	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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