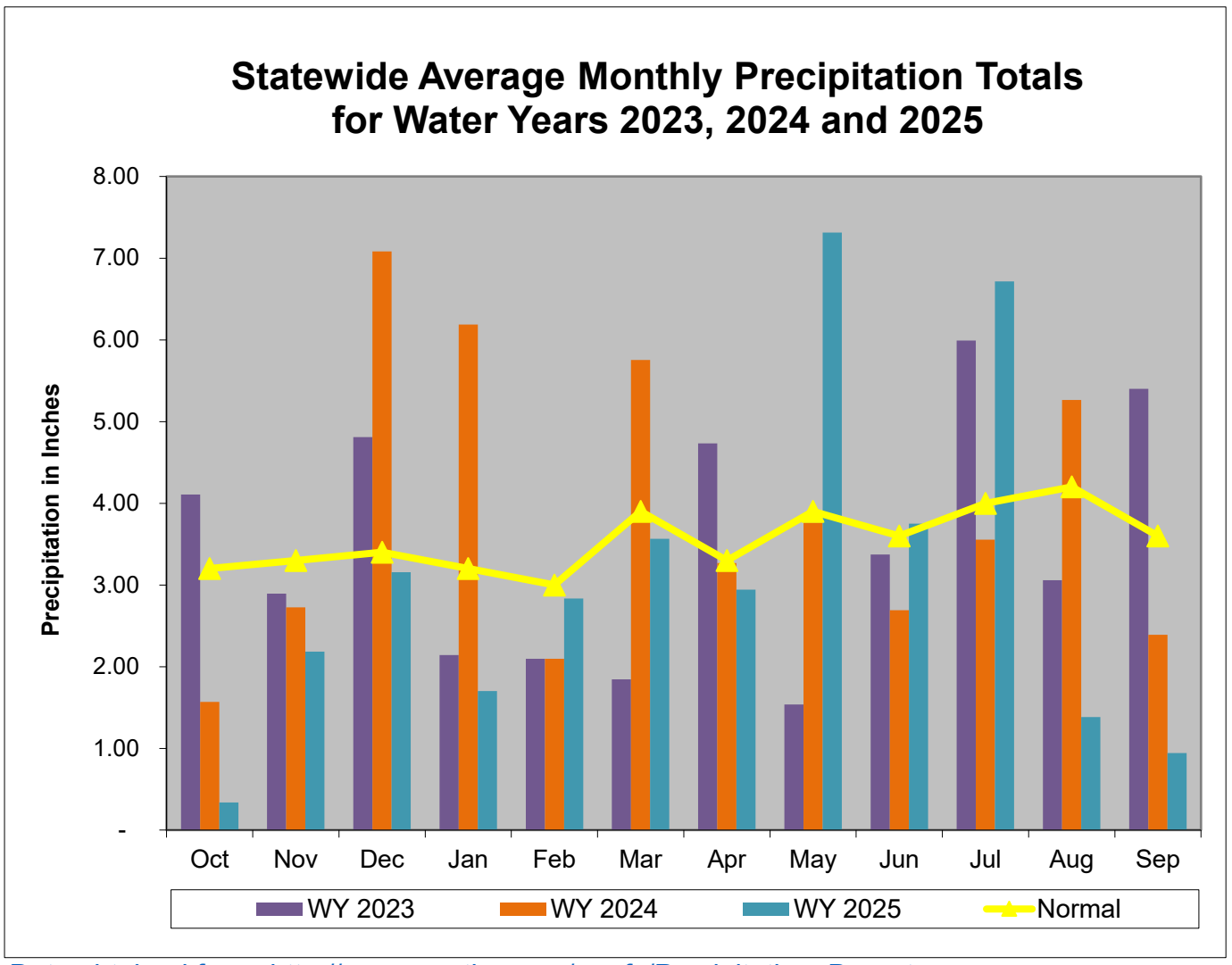
Overall Hydrologic Status for Maryland

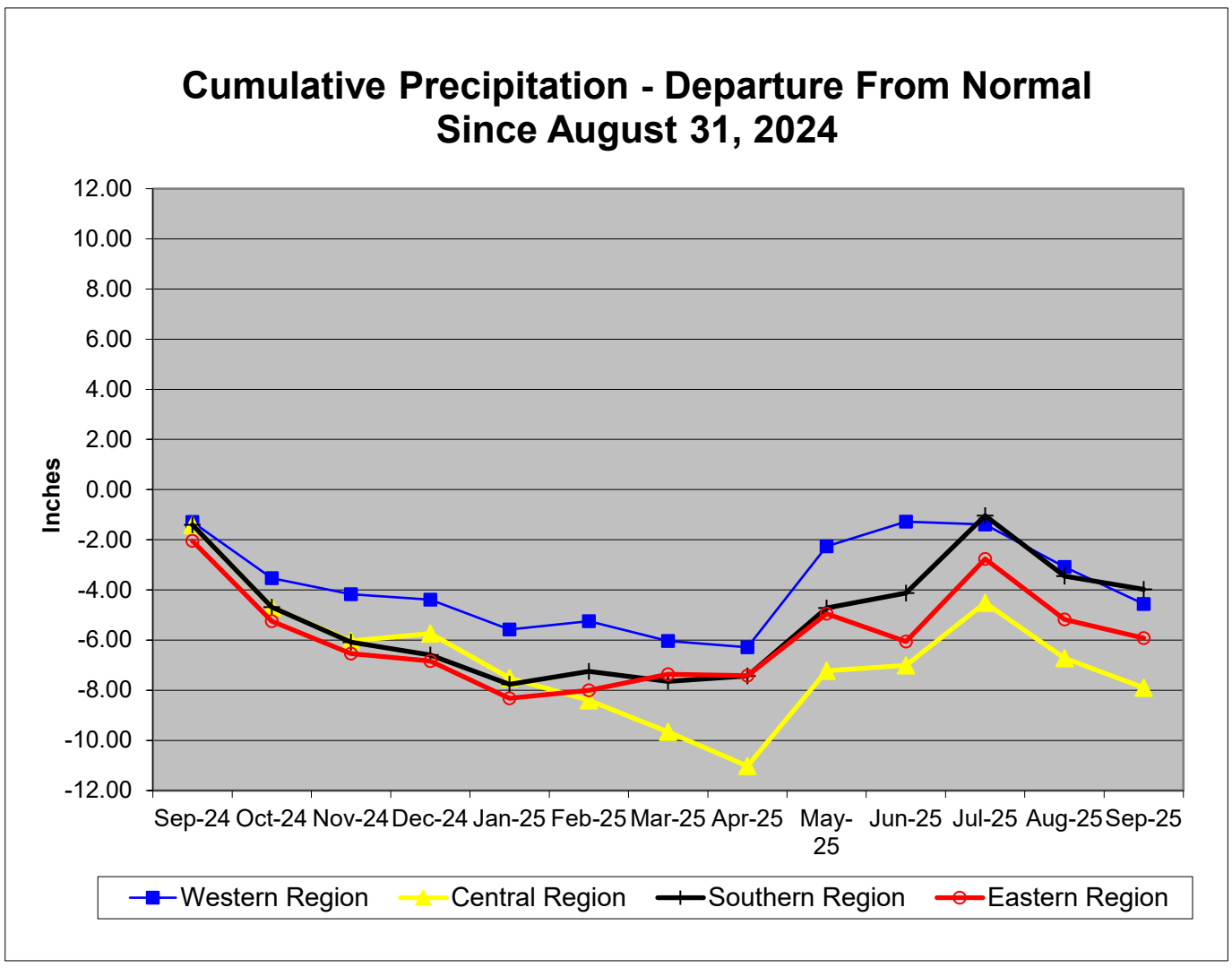
Summary of Hydrologic Indicators for 15 September 2025					
	Rainfall	**Stream Flow**	**Groundwater**	**Reservoirs**	Overall Status
Western	Normal	Normal	Normal	Normal	Normal
Central	Watch	Watch	Warning	Normal	Watch
Eastern	Normal	Normal	Watch		Normal
Southern	Normal		Normal		Normal

Notes:

Precipitation Indicators for Maryland Drought Regions September 15, 2025						
	Since Sept 30, 2024		Since March 31, 2025		Since Sept 30, 2024	
Regions	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**	**Percent of Normal**	**Condition**
Western	92%	Normal	107%	Normal	92%	Normal
Central	84%	Watch	108%	Normal	84%	Watch
Eastern	91%	Normal	107%	Normal	91%	Normal
Southern	94%	Normal	118%	94%	94%	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 September 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 September 30, 2024)				2.5 Months (Since June 30, 2025)				5.5 Months (Since March 31, 2025)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	37.1	33.5	-3.6	90%	37.1	33.5	-3.6	90%	8.4	5.8	-2.6	69%	19.6	23.2	3.6	119%
	GARRETT	44.4	43.1	-1.3	97%	44.4	43.1	-1.3	97%	10.4	6.9	-3.5	66%	23.6	25.6	2.0	109%
	WASHINGTON	40.0	35.1	-4.9	88%	40.0	35.1	-4.9	88%	8.5	4.7	-3.7	56%	19.4	18.1	-1.3	93%
	Regional Average	40.5	37.2	-3.3	92%	40.5	37.2	-3.3	92%	9.1	5.8	-3.3	64%	20.8	22.3	1.5	107%
CENTRAL REGION	BALTIMORE COUNTY	42.9	36.8	-6.1	86%	42.9	36.8	-6.1	86%	9.5	10.1	0.6	106%	21.3	24.2	2.9	114%
	CARROLL	41.1	32.8	-8.3	80%	41.1	32.8	-8.3	80%	9.4	6.7	-2.7	71%	20.9	21.4	0.5	102%
	CECIL	42.4	36.2	-6.2	85%	42.4	36.2	-6.2	85%	10.1	8.8	-1.2	88%	21.5	22.0	0.5	102%
	FREDERICK	39.9	31.4	-8.5	79%	39.9	31.4	-8.5	79%	8.8	5.3	-3.6	60%	20.5	20.9	0.4	102%
	HARFORD	43.2	37.5	-5.7	87%	43.2	37.5	-5.7	87%	10.3	10.4	0.1	101%	22.0	24.6	2.6	112%
	HOWARD	41.9	36.8	-5.2	88%	41.9	36.8	-5.2	88%	9.2	10.3	1.1	112%	21.1	24.1	3.1	115%
	MONTGOMERY	40.3	34.8	-5.5	86%	40.3	34.8	-5.5	86%	9.1	8.6	-0.5	94%	20.7	23.2	2.5	112%
	Regional Average	41.7	35.2	-6.5	84%	41.7	35.2	-6.5	84%	9.5	8.6	-0.9	91%	21.1	22.9	1.8	108%
SOUTHERN REGION	ANNE ARUNDEL	40.5	37.8	-2.7	93%	40.5	37.8	-2.7	93%	9.2	9.9	0.7	107%	20.5	24.5	4.0	119%
	CALVERT	41.8	39.1	-2.7	94%	41.8	39.1	-2.7	94%	9.6	9.8	0.2	102%	21.3	24.8	3.6	117%
	CHARLES	40.2	37.1	-3.1	92%	40.2	37.1	-3.1	92%	9.4	8.9	-0.5	95%	20.5	23.9	3.4	116%
	PRINCE GEORGES	40.3	37.6	-2.7	93%	40.3	37.6	-2.7	93%	9.2	9.4	0.3	103%	20.5	24.3	3.9	119%
	ST MARYS	41.4	39.8	-1.7	96%	41.4	39.8	-1.7	96%	9.9	10.0	0.1	101%	21.0	24.6	3.6	117%
	Regional Average	40.8	38.3	-2.6	94%	40.8	38.3	-2.6	94%	9.5	9.6	0.2	102%	20.8	24.4	3.7	118%
EASTERN REGION	CAROLINE	41.2	36.6	-4.6	89%	41.2	36.6	-4.6	89%	9.9	9.7	-0.2	98%	21.0	20.9	-0.1	99%
	DORCHESTER	41.9	39.4	-2.4	94%	41.9	39.4	-2.4	94%	10.0	11.6	1.7	117%	21.4	23.1	1.8	108%
	KENT	40.9	36.7	-4.3	90%	40.9	36.7	-4.3	90%	9.5	10.3	0.8	109%	20.8	22.8	2.0	110%
	QUEEN ANNES	40.9	36.9	-4.0	90%	40.9	36.9	-4.0	90%	9.5	10.3	0.8	108%	20.7	22.8	2.1	110%
	SOMERSET	41.0	39.1	-1.9	95%	41.0	39.1	-1.9	95%	10.5	10.4	-0.1	99%	20.8	22.2	1.4	107%
	TALBOT	41.7	38.0	-3.8	91%	41.7	38.0	-3.8	91%	9.9	10.3	0.4	104%	21.3	22.7	1.5	107%
	WICOMICO	39.2	34.0	-5.2	87%	39.2	34.0	-5.2	87%	10.3	10.4	0.1	101%	21.2	24.6	3.4	116%
	WORCESTER	42.0	37.1	-4.9	88%	42.0	37.1	-4.9	88%	10.5	8.2	-2.4	77%	20.8	20.4	-0.4	98%
	Regional Average	41.1	37.2	-3.9	91%	41.1	37.2	-3.9	91%	10.0	10.1	0.1	101%	21.0	22.4	1.4	107%
INDEPENDENT CITY OF BALTIMORE		42.9	36.8	-6.1	86%	42.9	36.8	-6.1	86%	9.5	10.1	0.6	106%	21.3	24.2	2.9	114%
Statewide Average		41.2	36.8	-4.4	89%	41.2	36.8	-4.4	89%	9.6	9.0	-0.6	94%	21.0	23.0	2.1	110%

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

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

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		19.8	15%-20%	Watch
Western	Savage River (near Barton)		4.3	25%-30%	Normal
Western	Wills Creek (near Cumberland)		39	40%-45%	Normal
Western	Marsh Run (at Grimes)		6.2	50%-55%	Normal
Central	Catoctin Creek (near Middletown)		7.4	20%-25%	Watch
Central	Monocacy (Jug Bridge near Frederick)		127	15%-20%	Watch
Central	Patuxent (near Unity)		9.4	20%-25%	Watch
Central	Deer Cr (at Rocks)		54.7	25%-30%	Normal
Eastern	Choptank (near Greensboro)		23.5	40%-45%	Normal
Eastern	Nassawango Creek (near Snow Hill)		2.6	10%-15%	Watch
	Susquehanna (at Marietta)		6,213	20%-25%	Watch
	Potomac (at Little Falls)(Adjusted)		2,654	25%-30%	Normal

Notes:

Ground Water Status for 15 September 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	16.11 [3]	Normal	Normal
	AL Ah 1	5.09 [2]	Normal	
	WA Be 2	33.23 [2]	Normal	
	WA Bk 25	49.06 [3]	Warning	
	WA Ci 82	50.52 [2]	Normal	
Central	BA Dc 444	43.21 [3]	Warning	Warning
	BA Ea 18	23.87 [2]	Watch	
	CL Ad 47	4.29 [3]	Emergency	
	Fr Bd 96	32.79 [2]	Normal	
	Fr Df 35	58.55 [2]	Watch	
	HA Bd 31	11.69 [2]	Normal	
	HA Ca 23	8.2 [2]	Emergency	
	MO Cc 14	36.16 [2]	Normal	
Eastern	QA Cg 69	5 [2]	Normal	Watch
	WI Cg 20	6.02 [2]	Normal	
	MC51-01	15.44 [3]	Emergency	
	SO Cf 2	4.91 [3]	Normal	
Southern	CH Bg 12 (unconfined)	8.11 [3]	Normal	***Normal***
	CA Fd 54 (confined)	247.08 [3]	On Trend[4]	

[1] - Measurement of water level as feet below land surface
[2] - Not Available as of 2025-09-17
[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 August 2025

Water System	*Reservoir*	*Percent Full**	*Days of Storage***
City of Frostburg	Piney	100%	421
City of Cumberland	Lake Gordon	100%	406
	Lake Koon	95%	
City of Baltimore	Liberty	98%	360
	Loch Raven	97%	
	Prettyboy	98%	
	Total	97%	
WSSC	Tridelphia Reservoir	85%	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 August 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.

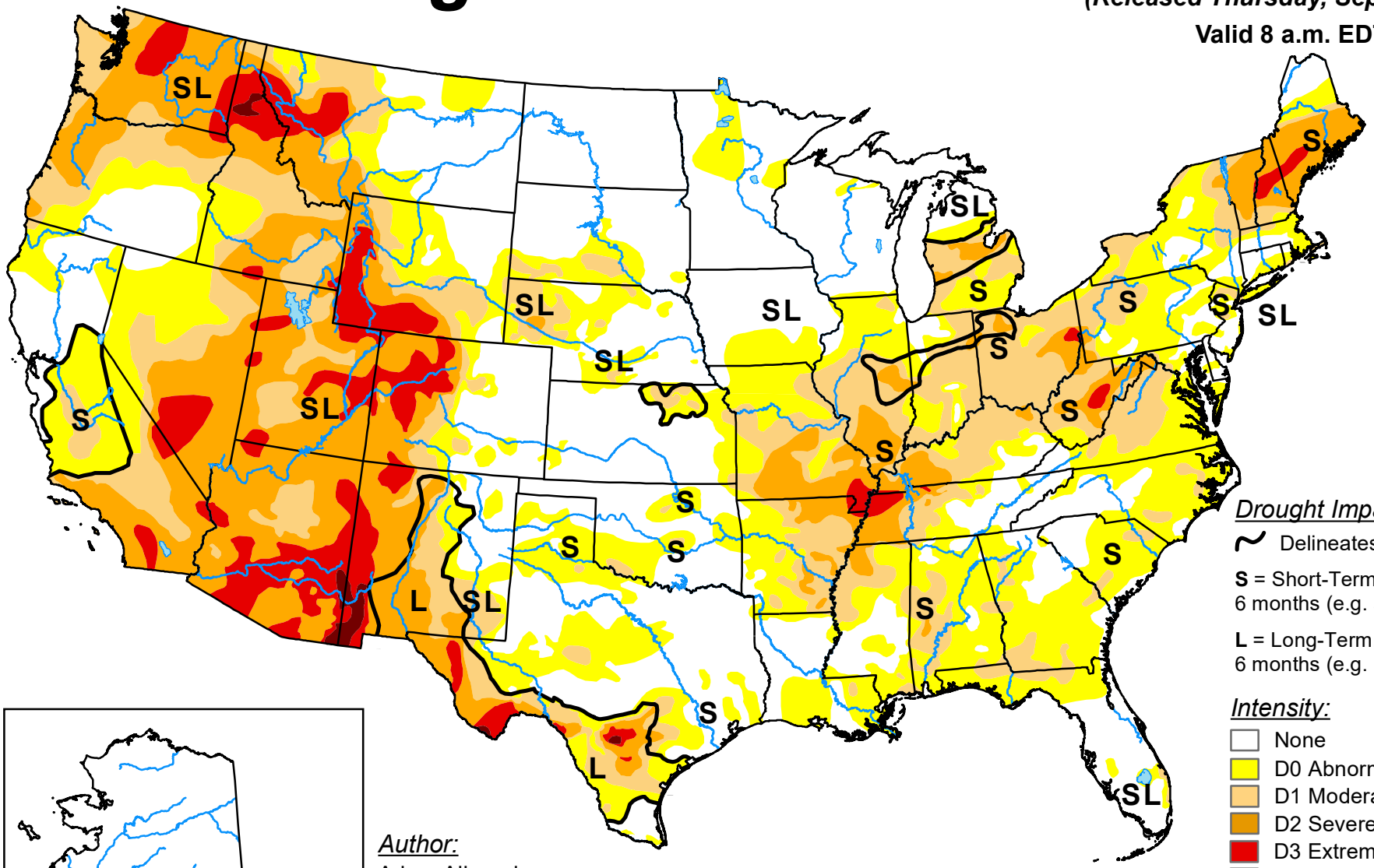
*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

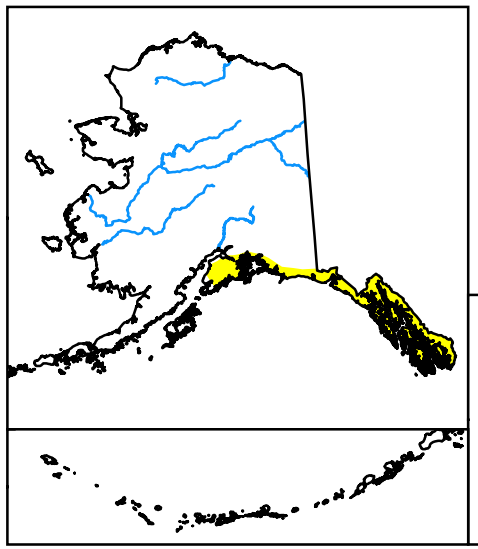
U.S. Drought Monitor

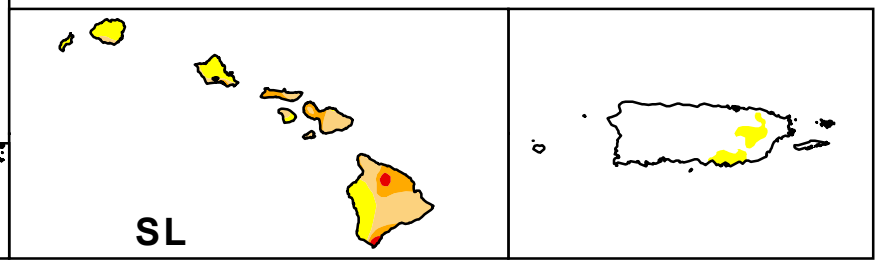
September 16, 2025

(Released Thursday, Sep. 18, 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:

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NOAA/NWS/NCEP/CPC

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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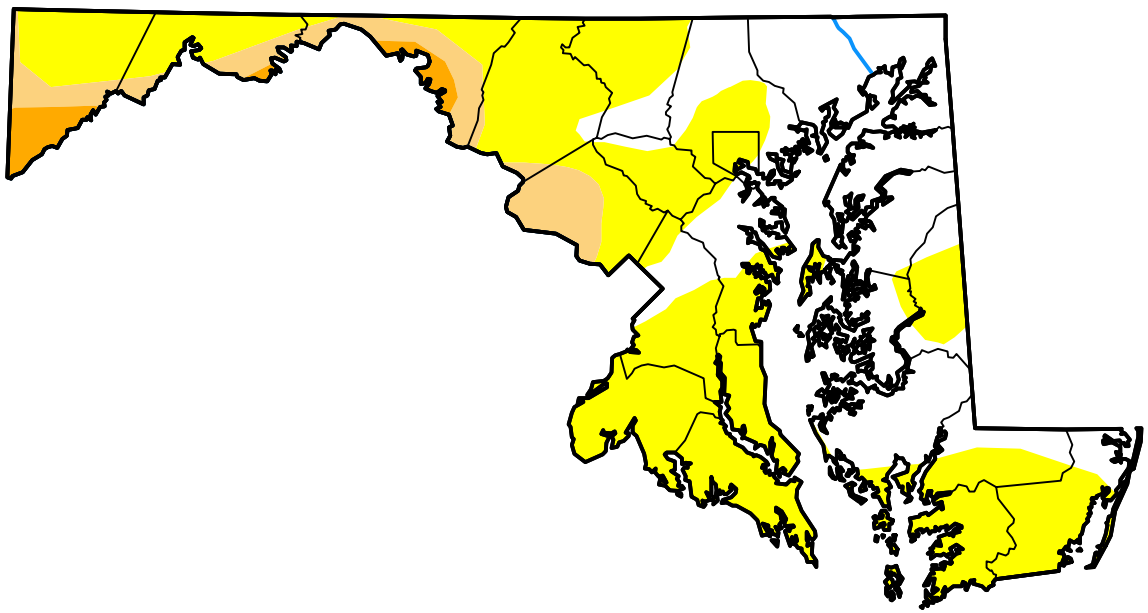
U.S. Drought Monitor

Maryland



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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	35.79	64.21	10.65	2.56	0.00	0.00
Last Week *09-09-2025*	40.84	59.16	5.54	0.00	0.00	0.00
3 Months Ago *06-17-2025*	64.35	35.65	11.82	0.00	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 *09-17-2024*	26.79	73.21	22.07	10.08	2.12	0.00

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

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