

## Overall Hydrologic Status for Maryland

Summary of Hydrologic Indicators for 31 January 2025					
	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Warning	Watch	Watch	Normal	Watch
Central	Emergency	Watch	Warning	Normal	Watch
Eastern	Emergency	Emergency	Emergency		Warning
Southern	Emergency		Watch		Warning

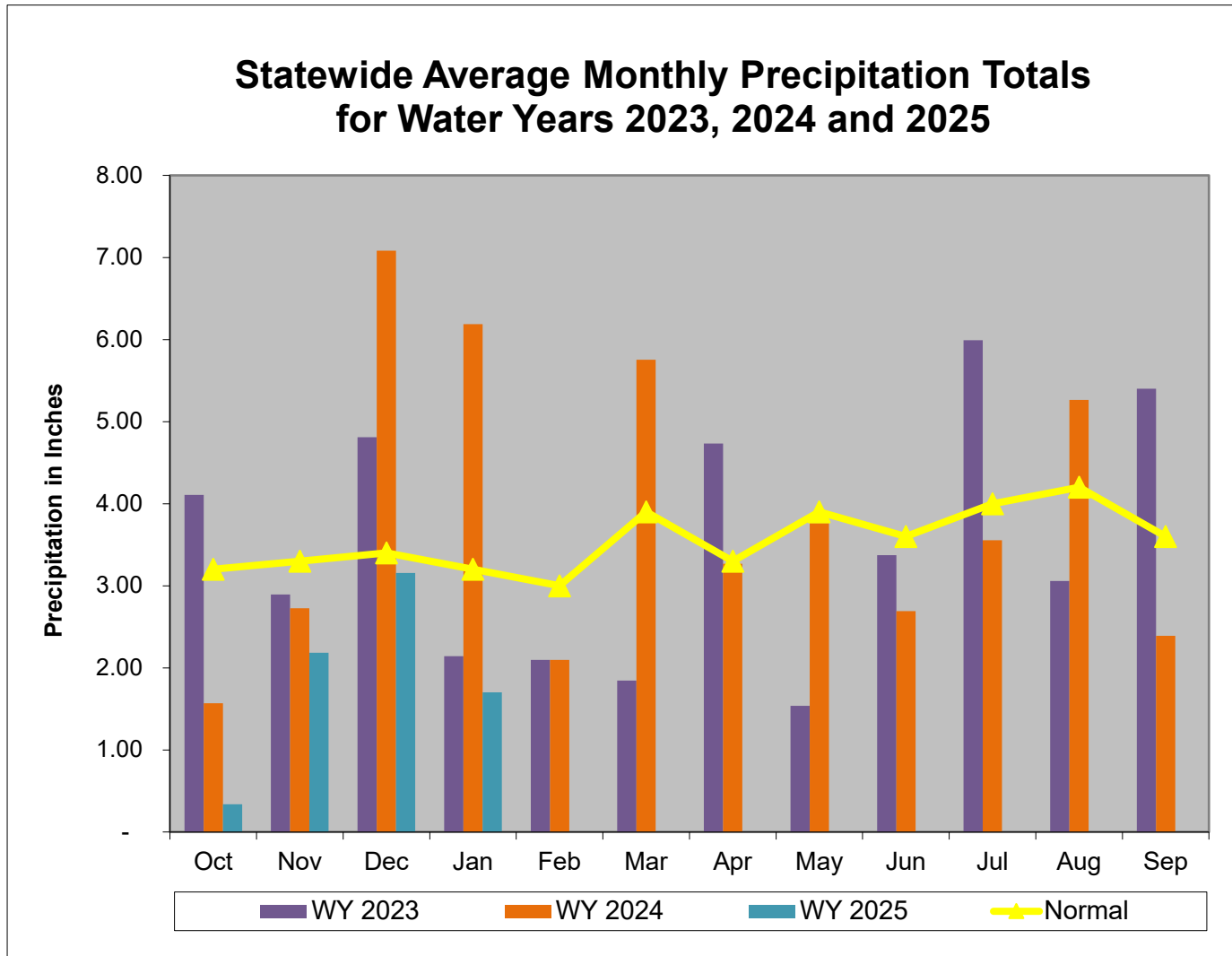
Notes: Several streamflow gages are missing data due to ice.

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

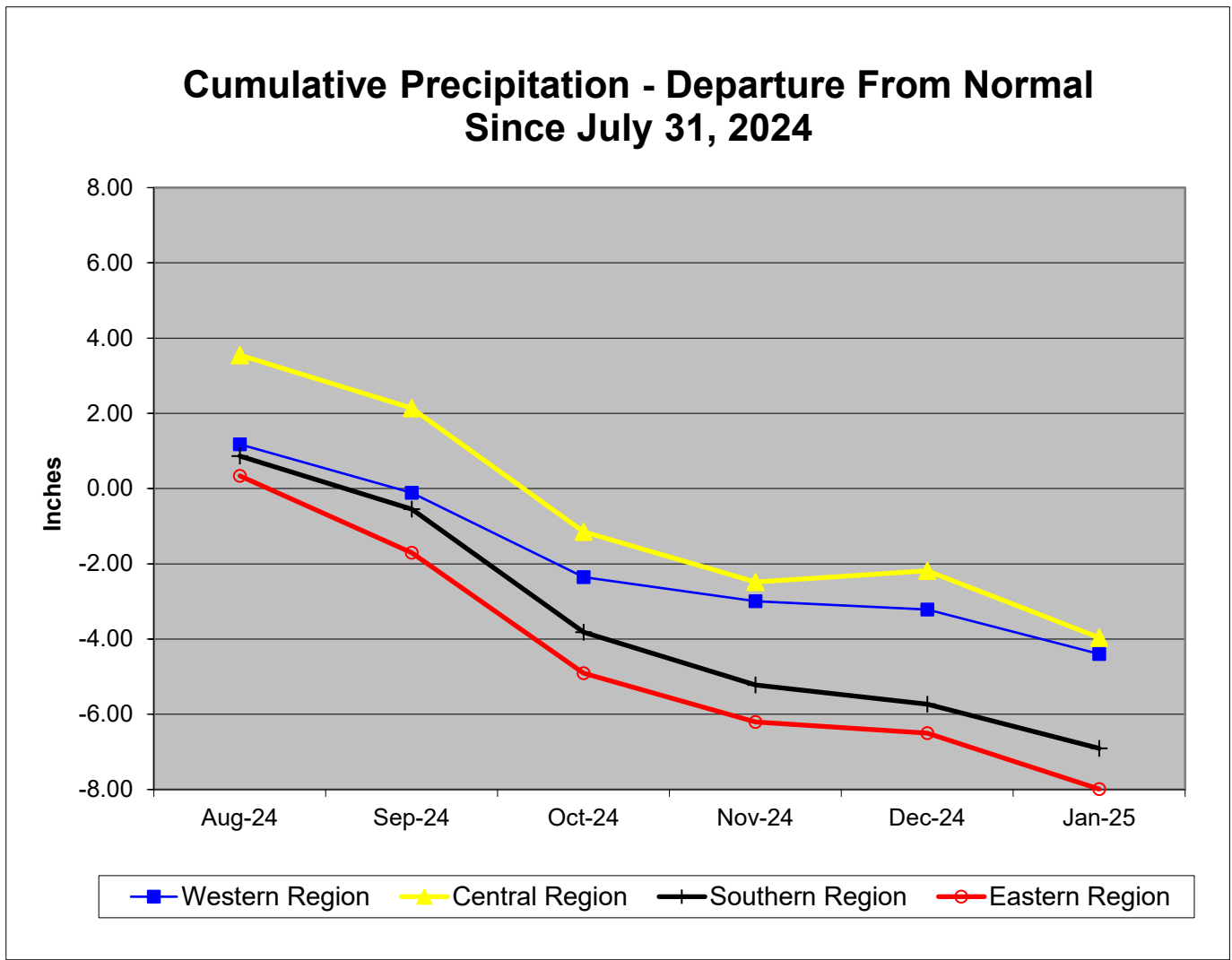
<https://www.mwcog.org/newsroom/2024/11/07/officials-extend-drought-watch-for-dc-region-drought/>

<b>Precipitation Indicators for Maryland Drought Regions</b>						
<b>January 31, 2025</b>						
	Since Sept 30, 2024		Since July 31, 2024		Since January 31, 2024	
<b>Regions</b>	<b>Percent of Normal</b>	<b>Condition</b>	<b>Percent of Normal</b>	<b>Condition</b>	<b>Percent of Normal</b>	<b>Condition</b>
Western	66%	Warning	78%	Watch	86%	Normal
Central	55%	Emergency	81%	Normal	86%	Normal
Eastern	53%	Emergency	62%	Warning	84%	Watch
Southern	52%	Emergency	67%	Warning	75%	Watch

WY or Water Year begins on October 1.



Data obtained from: [http://www.weather.gov/marfc/Precipitation\\_Departures](http://www.weather.gov/marfc/Precipitation_Departures)



**Precipitation in Maryland Counties  
as of 31 January 2025 (WY 2025)**

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY <sup>1</sup> To Date (Since September 30, 2024)				12 Months (Since January 31, 2024)				3 Months (Since October 31, 2024)				6 Months (Since July 31, 2024)			
		COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart
WESTERN REGION	ALLEGANY	11.4	6.1	-5.3	53%	39.2	33.4	-5.8	85%	8.6	5.1	-3.5	60%	18.1	15.2	-2.9	84%
	GARRETT	13.5	12.5	-1.1	92%	46.6	43.8	-2.8	94%	10.5	11.2	0.7	107%	20.9	19.2	-1.7	92%
	WASHINGTON	13.4	6.9	-6.5	51%	42.7	33.7	-9.0	79%	10.2	6.8	-3.4	67%	21.5	13.0	-8.5	60%
	Regional Average	12.8	8.5	-4.3	66%	42.8	36.9	-5.9	86%	9.8	7.7	-2.1	79%	20.2	15.8	-4.4	78%
CENTRAL REGION	BALTIMORE COUNTY	14.5	7.8	-6.6	54%	45.4	38.6	-6.9	85%	10.6	7.3	-3.3	69%	22.2	18.2	-4.0	82%
	CARROLL	13.5	7.6	-6.0	56%	43.5	38.4	-5.1	88%	9.9	7.0	-2.9	70%	21.2	18.5	-2.7	87%
	CECIL	14.0	7.6	-6.3	55%	44.9	38.3	-6.6	85%	10.4	7.6	-2.8	73%	22.0	13.7	-8.3	62%
	FREDERICK	12.9	6.9	-6.0	54%	42.3	37.3	-5.0	88%	9.5	6.5	-3.0	68%	20.2	17.4	-2.8	86%
	HARFORD	14.3	7.8	-6.4	55%	45.8	36.9	-8.9	81%	10.4	7.5	-2.9	72%	22.4	15.7	-6.7	70%
	HOWARD	13.9	8.0	-5.9	58%	44.4	38.7	-5.7	87%	10.2	7.6	-2.6	75%	21.3	19.7	-1.6	93%
	MONTGOMERY	13.0	7.5	-5.5	58%	42.7	36.2	-6.6	85%	9.5	7.2	-2.3	75%	20.4	18.7	-1.7	92%
	Regional Average	13.7	7.6	-6.1	55%	44.1	37.7	-6.4	86%	10.1	7.2	-2.8	72%	21.4	17.4	-4.0	81%
SOUTHERN REGION	ANNE ARUNDEL	13.3	7.3	-6.0	55%	42.8	34.2	-8.6	80%	9.8	7.0	-2.8	71%	20.6	16.0	-4.6	78%
	CALVERT	13.6	6.8	-6.8	50%	44.1	31.4	-12.7	71%	10.0	6.5	-3.5	65%	21.2	13.0	-8.2	61%
	CHARLES	13.1	6.7	-6.4	51%	42.5	31.2	-11.3	73%	9.6	6.5	-3.1	68%	20.6	12.8	-7.8	62%
	PRINCE GEORGES	13.3	7.3	-6.0	55%	42.5	32.4	-10.1	76%	9.7	6.9	-2.8	71%	20.5	15.5	-5.0	76%
	ST MARYS	13.5	6.8	-6.7	51%	43.7	33.4	-10.3	76%	9.9	6.6	-3.3	67%	21.3	12.3	-9.0	58%
	Regional Average	13.3	7.0	-6.4	52%	43.1	32.5	-10.6	75%	9.8	6.7	-3.1	68%	20.8	13.9	-6.9	67%
EASTERN REGION	CAROLINE	13.4	7.2	-6.2	54%	43.4	36.6	-6.7	84%	10.0	7.2	-2.8	72%	21.2	12.7	-8.5	60%
	DORCHESTER	13.5	7.2	-6.4	53%	44.0	35.1	-8.9	80%	10.1	7.1	-3.0	70%	21.1	12.5	-8.7	59%
	KENT	13.4	7.2	-6.2	54%	43.5	34.6	-8.8	80%	9.9	6.9	-2.9	70%	21.1	12.3	-8.8	58%
	QUEEN ANNES	13.4	7.2	-6.2	54%	43.3	35.3	-8.0	82%	10.0	7.0	-3.0	70%	21.0	12.8	-8.2	61%
	SOMERSET	13.0	6.9	-6.1	53%	43.2	39.5	-3.8	91%	9.8	6.9	-2.9	70%	21.1	12.8	-8.3	61%
	TALBOT	13.6	7.2	-6.4	53%	44.0	36.6	-7.3	83%	10.1	7.1	-3.0	71%	21.3	13.6	-7.7	64%
	WICOMICO	12.0	6.1	-5.9	51%	41.1	38.2	-2.9	93%	8.9	5.5	-3.4	62%	19.0	15.2	-3.8	80%
	WORCESTER	13.8	6.7	-7.1	49%	44.3	35.8	-8.5	81%	10.4	6.7	-3.7	65%	22.1	12.2	-9.9	55%
Regional Average	13.2	7.0	-6.3	53%	43.3	36.5	-6.9	84%	9.9	6.8	-3.1	69%	21.0	13.0	-8.0	62%	
INDEPENDENT CITY OF BALTIMORE		14.5	7.8	-6.6	54%	45.4	38.6	-6.9	85%	10.6	7.3	-3.3	69%	22.2	18.2	-4.0	82%
<b>Statewide Average</b>		13.4	7.4	-6.0	55%	43.5	36.2	-7.4	83%	9.9	7.0	-2.9	71%	21.0	15.0	-6.0	72%

WY<sup>1</sup> - USGS Water Year, which begins October 1

### Stream Flow Status Based on Thirty Day Average for 2025 January 31

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)	[1]	269.0	25%-30%	Normal
Western	Savage River (near Barton)	[1]	31.2	10%-15%	Watch
Western	Wills Creek (near Cumberland)	[1]	119	15%-20%	Watch
Western	Marsh Run (at Grimes)	[1]	3.6	5%-10%	Warning
Central	Catoctin Creek (near Middletown)	[1]	26.2	10%-15%	Watch
Central	Monocacy (Jug Bridge near Frederick)	[1]	279	5%-10%	Warning
Central	Patuxent (near Unity)	[1]	23.0	15%-20%	Watch
Central	Deer Cr (at Rocks)	[1]	66.1	5%-10%	Warning
Eastern	Choptank (near Greensboro)		20.7	0%-5%	Emergency
Eastern	Nassawango Creek (near Snow Hill)		1.7	0%-5%	Emergency
	Susquehanna (at Marietta)		22,446	25%-30%	Normal
	Potomac (at Little Falls)(Adjusted)	[1]	4,383	10%-15%	Watch

Notes:

[1] Some data missing due to ice

Ground Water Status for 31 January 2025				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	13.09	Normal	Watch
	AL Ah 1	4.76	Normal	
	WA Be 2	35.45	Watch	
	WA Bk 25	50.25	Emergency	
	WA Ci 82	54.37	Watch	
Central	BA Dc 444	43.06	Watch	Warning
	BA Ea 18	25.25	Watch	
	CL Ad 47	3.29	Emergency	
	Fr Bd 96	23.07	Watch	
	Fr Df 35	59.05	Normal	
	HA Bd 31	16.27	Warning	
	HA Ca 23	9.21	Emergency	
	MO Cc 14	37.17	Watch	
Eastern	QA Cg 69	5.68	Emergency	Emergency
	WI Cg 20	8.20	Emergency	
	MC51-01	15.77	Emergency	
	SO Cf 2	6.38	Emergency	
Southern	CH Bg 12 (unconfined)	6.39 [3]	Emergency	Watch
	CA Fd 54 (confined)	242.87 [3]	On Trend[4]	
<p>[1] - Measurement of water level as feet below land surface  [2] - Not Available as of 2025-01-16  [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.</p>				

Selected ground water levels are available from USGS at:

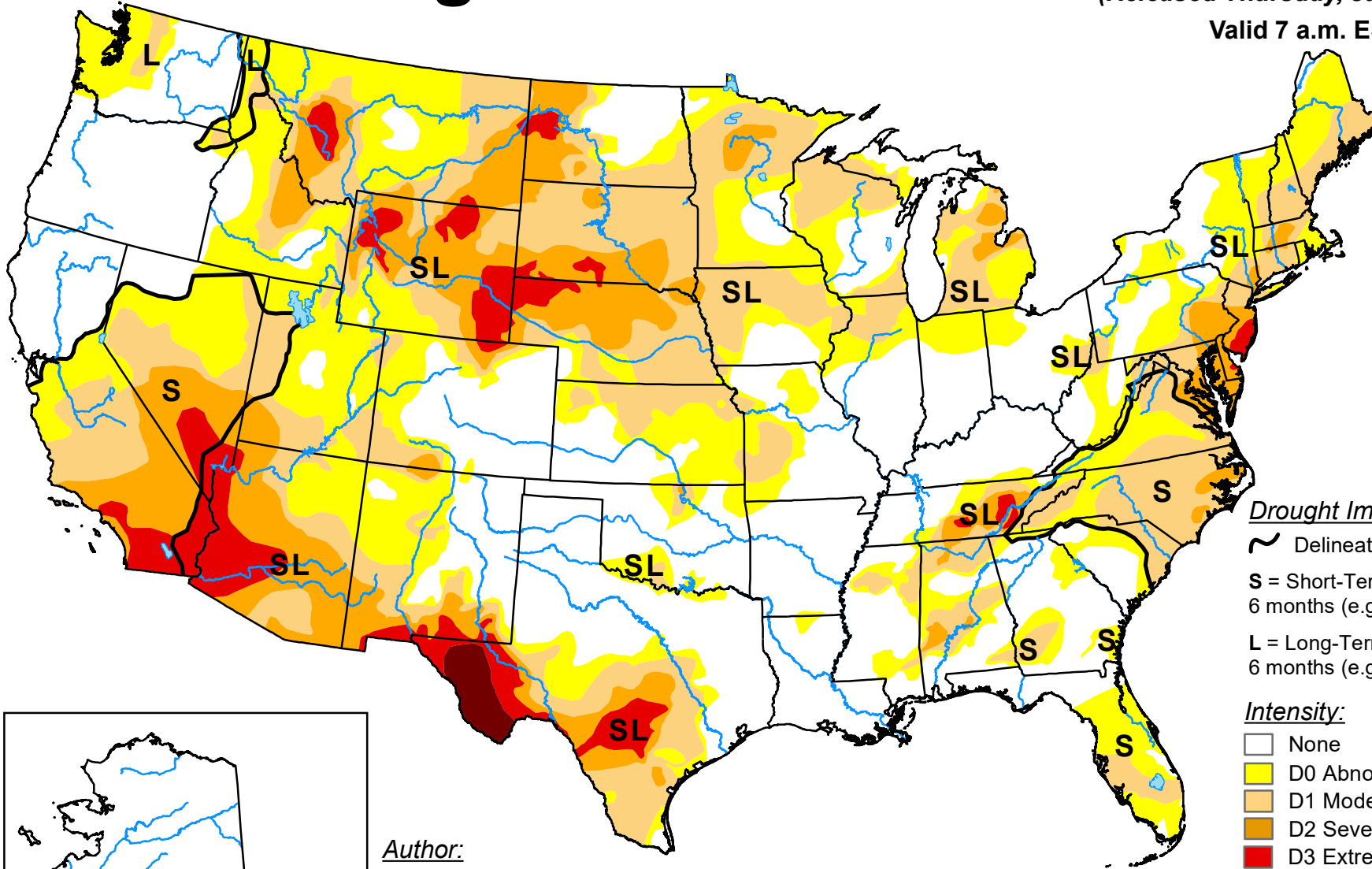
<http://md.water.usgs.gov/groundwater/>

Data for other wells may be downloaded from:

[USGS - NWIS Web Information for USA](http://www.usgs.gov/nwis)

# U.S. Drought Monitor

January 28, 2025  
(Released Thursday, Jan. 30, 2025)  
Valid 7 a.m. EST

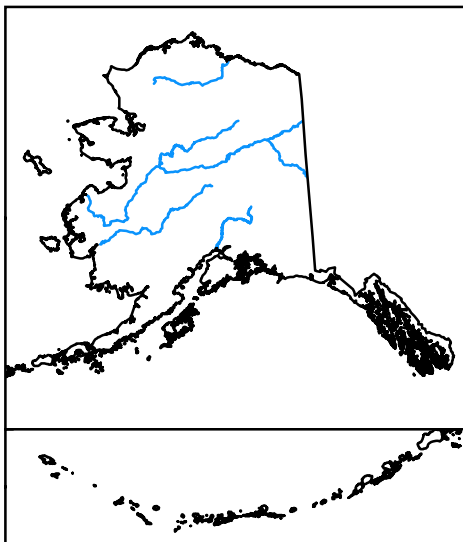


### Drought Impact Types:

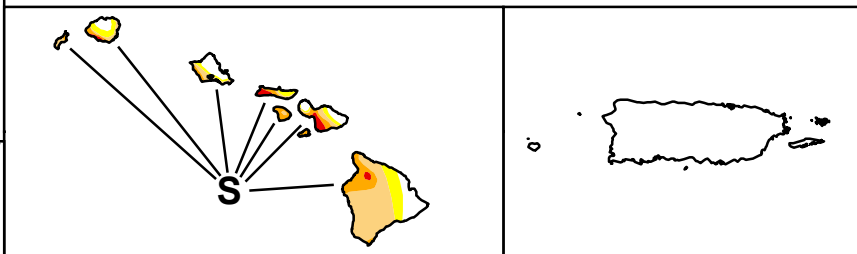
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

### Intensity:

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



Author:  
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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>



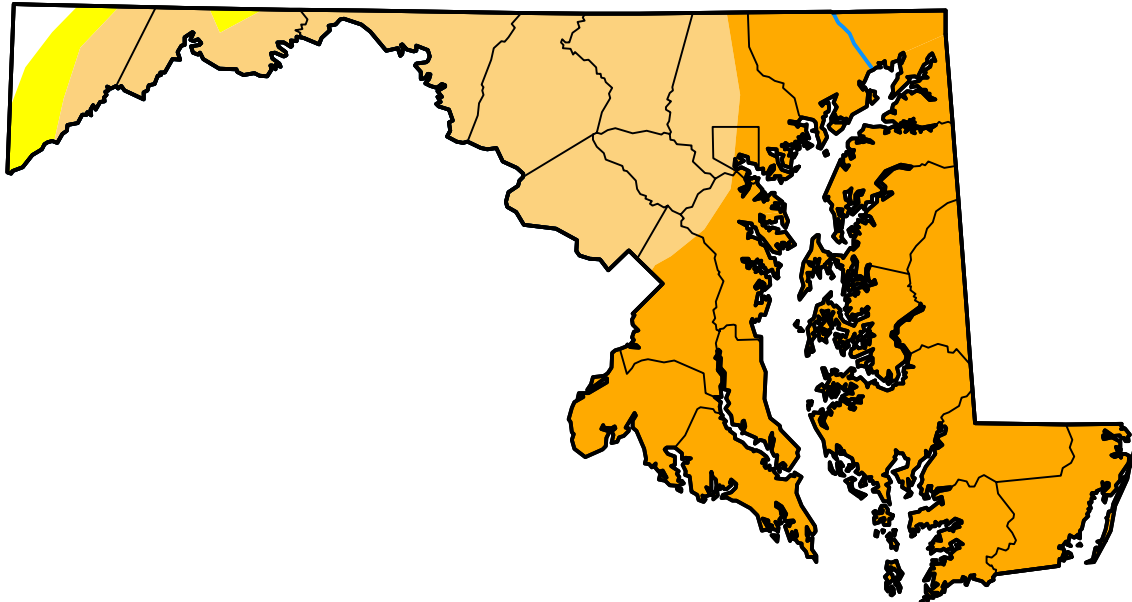
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

# U.S. Drought Monitor Maryland

**January 28, 2025**  
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Valid 7 a.m. EST

### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	1.19	98.81	95.30	59.66	0.00	0.00
<b>Last Week</b> <i>01-21-2025</i>	1.19	98.81	95.30	53.59	0.00	0.00
<b>3 Months Ago</b> <i>10-29-2024</i>	12.59	87.41	66.85	20.70	4.07	0.00
<b>Start of Calendar Year</b> <i>01-07-2025</i>	1.19	98.81	95.30	51.57	0.00	0.00
<b>Start of Water Year</b> <i>10-01-2024</i>	18.77	81.23	21.65	9.89	4.07	0.00
<b>One Year Ago</b> <i>01-30-2024</i>	100.00	0.00	0.00	0.00	0.00	0.00



### Intensity:



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