

## Overall Hydrologic Status for Maryland

Summary of Hydrologic Indicators for 31 December 2024					
	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch	Normal	Watch
Central	Warning	Watch	Watch	Normal	Watch
Eastern	Emergency	Emergency	Emergency		Warning
Southern	Emergency		Watch		Warning

Notes: 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/>

### Stream Flow Status Based on Thirty Day Average for 2024 December 31

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		380.2	40%-45%	Normal
Western	Savage River (near Barton)	[1]	56.2	30%-35%	Normal
Western	Wills Creek (near Cumberland)	[1]	313	50%-55%	Normal
Western	Marsh Run (at Grimes)	[1]	5.2	25%-30%	Normal
Central	Catoctin Creek (near Middletown)		23.5	15%-20%	Watch
Central	Monocacy (Jug Bridge near Frederick)	[1]	556	25%-30%	Normal
Central	Patuxent (near Unity)	[1]	20.9	25%-30%	Normal
Central	Deer Cr (at Rocks)	[1]	63.0	15%-20%	Watch
Eastern	Choptank (near Greensboro)		20.0	0%-5%	Emergency
Eastern	Nassawango Creek (near Snow Hill)		2.1	0%-5%	Emergency
	Susquehanna (at Marietta)		37,430	50%-55%	Normal
	Potomac (at Little Falls)(Adjusted)		5,250	25%-30%	Normal

Notes:

[1] Some data missing due to ice

Ground Water Status for 31 December 2024				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	12.36	Normal	Watch
	AL Ah 1	4.35	Normal	
	WA Be 2	35.29	Watch	
	WA Bk 25	49.49	Warning	
	WA Ci 82	52.50	Watch	
Central	BA Dc 444	42.74 [3]	Watch	Watch
	BA Ea 18	24.97	Watch	
	CL Ad 47	2.81	Watch	
	Fr Bd 96	17.56	Normal	
	Fr Df 35	58.60	Normal	
	HA Bd 31	16.46	Warning	
	HA Ca 23	8.98	Emergency	
	MO Cc 14	39.10	Watch	
Eastern	QA Cg 69	5.52	Emergency	Emergency
	WI Cg 20	8.57	Emergency	
	MC51-01	15.51	Warning	
	SO Cf 2	6.49 [3]	Emergency	
Southern	CH Bg 12 (unconfined)	7.69	Emergency	Watch
	CA Fd 54 (confined)	242.46 [3]	On Trend[4]	

[1] - Measurement of water level as feet below land surface  
[2] - Not Available as of 2025-01-03  
[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/>

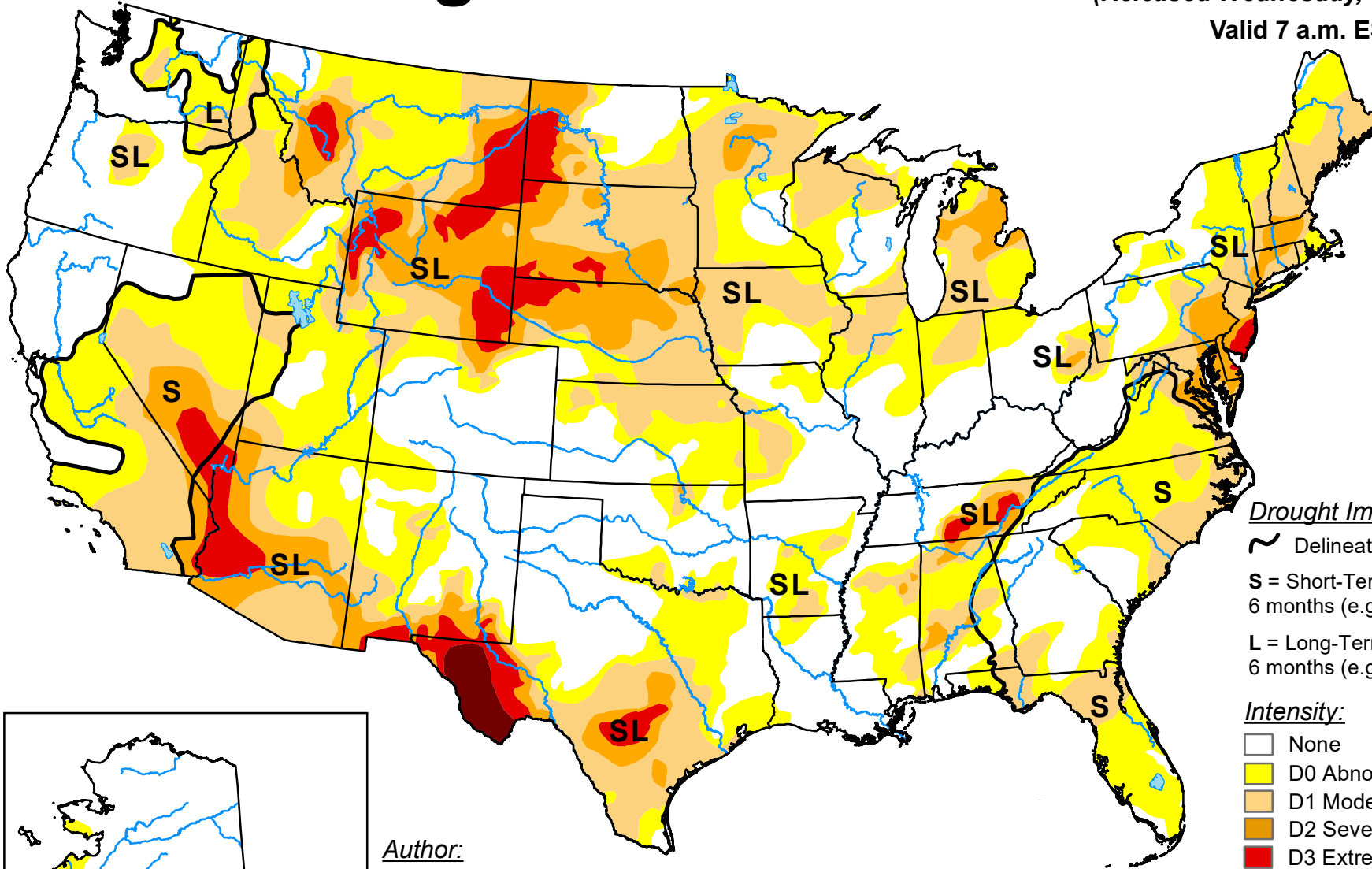
Data for other wells may be downloaded from:

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

# U.S. Drought Monitor

December 31, 2024  
(Released Wednesday, Jan. 1, 2025)

Valid 7 a.m. EST

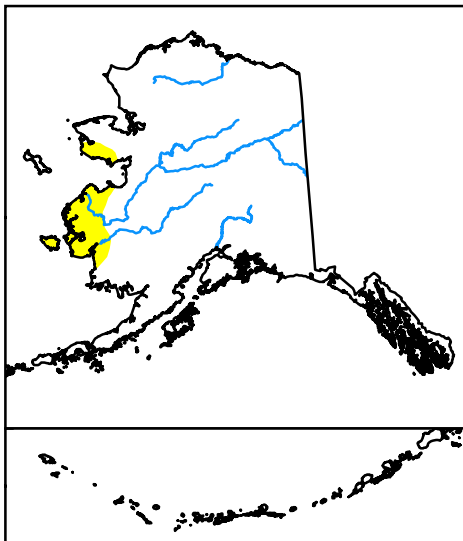


### Drought Impact Types:

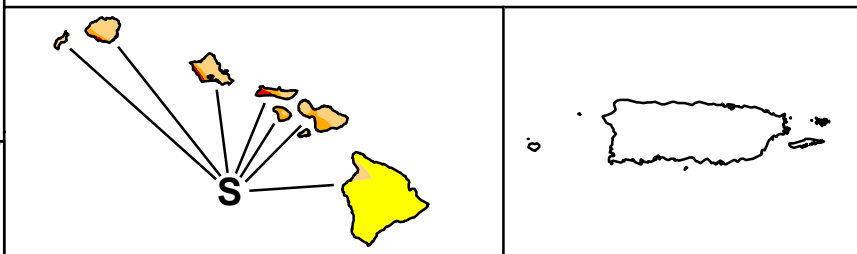
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

### 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)

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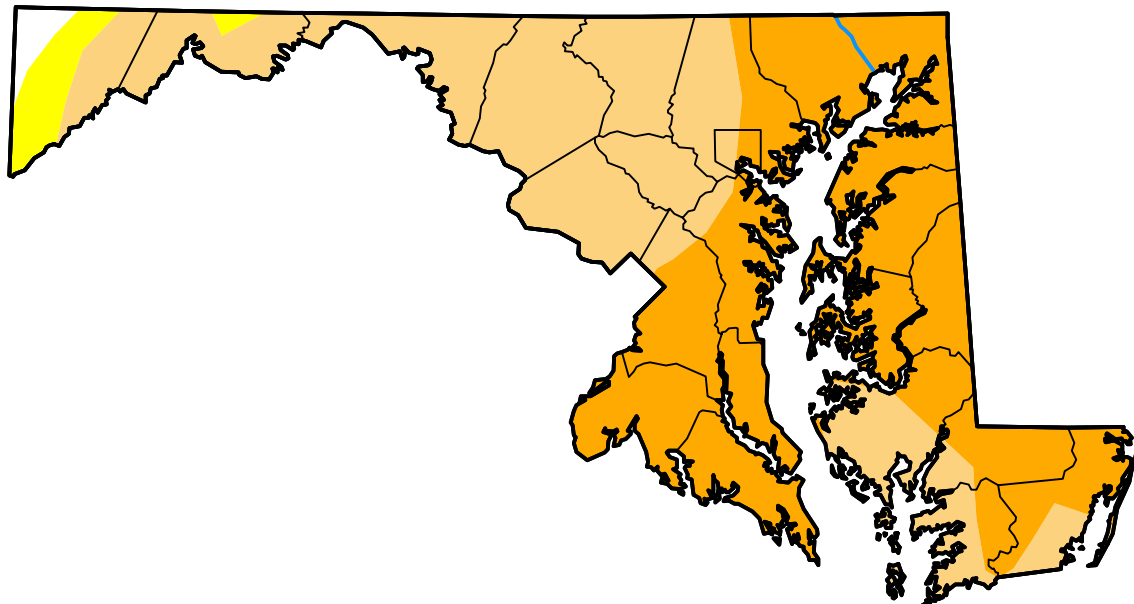
## Maryland

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### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	1.19	98.81	95.30	51.57	0.00	0.00
<b>Last Week</b> <i>12-24-2024</i>	1.18	98.82	95.30	51.57	0.00	0.00
<b>3 Months Ago</b> <i>10-01-2024</i>	18.77	81.23	21.65	9.89	4.07	0.00
<b>Start of Calendar Year</b> <i>01-02-2024</i>	70.35	29.65	0.00	0.00	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>01-02-2024</i>	70.35	29.65	0.00	0.00	0.00	0.00



### Intensity:



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