

# Overall Hydrologic Status for Maryland

Summary of Hydrologic Indicators for 31-March-2022					
	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Warning	Watch	Normal	Watch
Central	Warning	Warning	Watch	Normal	Watch
Eastern	Watch	Watch	Normal		Watch
Southern	Watch		Normal		Normal

### Stream Flow Status Based on Thirty Day Average for 2022-Mar-31

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage Status	
Western	Youghiogheny (near Oakland)		278	0%-5%	Emergency
Western	Savage River (near Barton)		70.6	5%-10%	Warning
Western	Wills Creek (near Cumberland)		325	5%-10%	Warning
Western	Marsh Run (at Grimes)		8.9	15%-20%	Watch
Central	Catoctin Creek (near Middletown)		67.1	10%-15%	Watch
Central	Monocacy (Jug Bridge near Frederick)		793	5%-10%	Warning
Central	Patuxent (near Unity)		26.3	5%-10%	Warning
Central	Deer Cr (at Rocks)		102.0	10%-15%	Watch
Eastern	Choptank (near Greensboro)		152.6	15%-20%	Watch
Eastern	Nassawango Creek (near Snow Hill)		45.8	15%-20%	Watch
	Susquehanna (at Marietta)		74,484	50%-55%	Normal
	Potomac (at Little Falls)(Adjusted)		10,221	10%-15%	Watch

Notes:

Ground Water Status for 31 March 2022			
Region	USGS Well ID	Well Level[1]	Status
Western	GA Bc 1	13.69	Watch
	AL Ah 1	3.90	Normal
	WA Be 2	31.09	Watch
	WA Bk 25	43.89	Watch
Central	BA Dc 444	39.09	Normal
	BA Ea 18	23.80	Watch
	HA Bd 31	10.82[2]	Watch
	HA Ca 23	7.18	Watch
	MO Cc 14	31.28	Normal
Eastern	QA Cg 69	3.74	Normal
	WI Cg 20	4.48	Normal
	MC51-01	12.41	Watch
	SO Cf 2	1.29	Watch
Southern	CH Bg 12 (unconfined)	2.28	Normal
	AA Cc 40 (confined)	NA[2]	Unknown
	CA Fd 54 (confined)	238.32[3]	On Trend[4]
	CH Dd 33 (confined)	NA[2]	Unknown
	PG De 21 (confined)	NA[2]	Unknown
	SM Fg 45 (confined)	NA[2]	Unknown
[1] - Measurement of water level as feet below land surface [2] - Not Available as of 2022-03-31 [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:

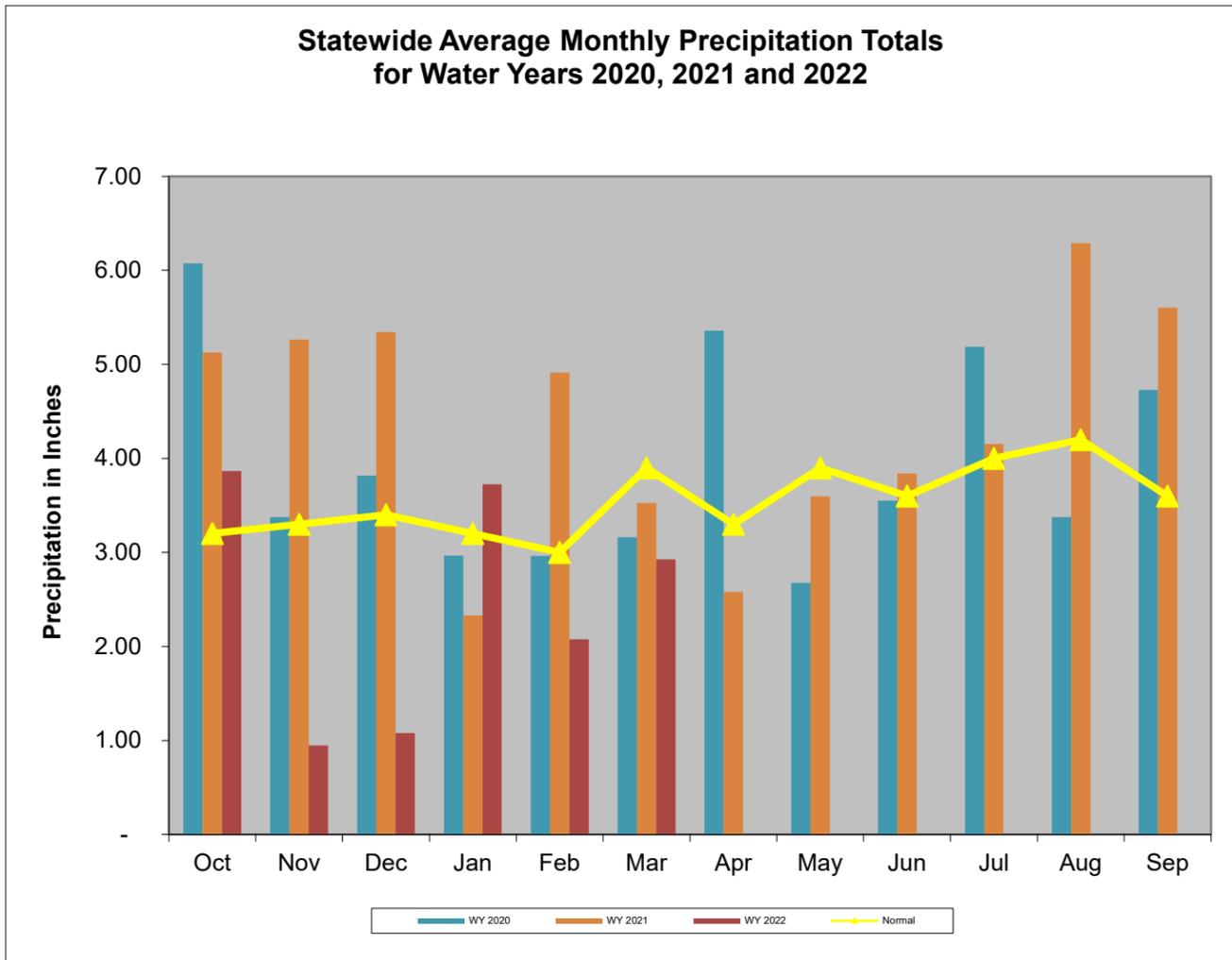
<http://md.water.usgs.gov/groundwater/>

Data for other wells may be downloaded from:

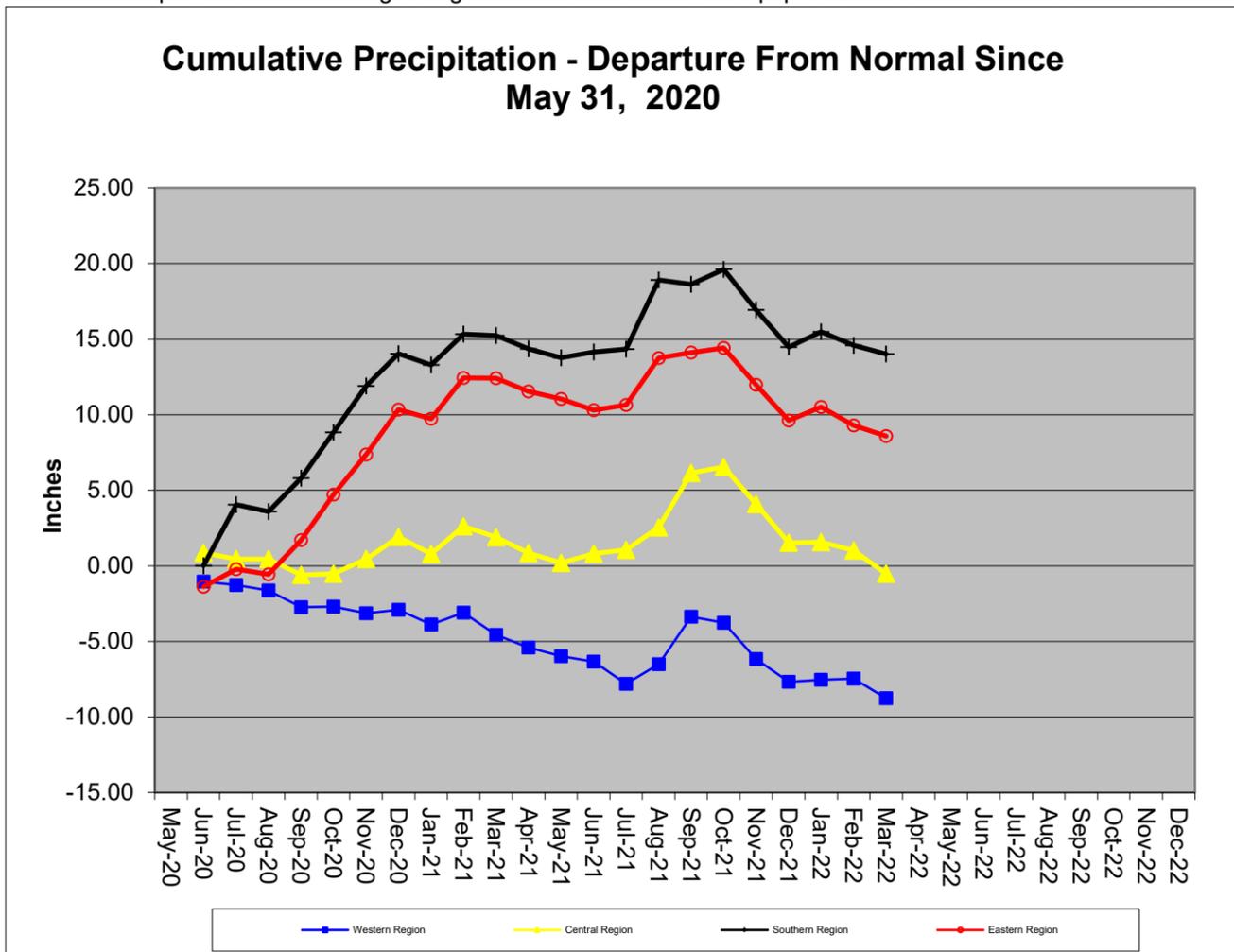
[USGS - NWIS Web Information for USA](http://www.water.usgs.gov/nwis/)

Precipitation Indicators for Maryland Drought Regions						
March 31, 2022						
	WY to Date		Since Sept 30, 2021		Since March 31, 2021	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	72%	Watch	72%	Watch	90%	Normal
Central	68%	Warning	68%	Warning	95%	Normal
Eastern	73%	Watch	73%	Watch	91%	Normal
Southern	77%	Watch	77%	Watch	97%	Normal

WY or Water Year begins on October 1



Data downloaded from [http://www.weather.gov/marfc/Precipitation\\_Departures](http://www.weather.gov/marfc/Precipitation_Departures) except for Garrett County, which was taken from <https://www.ncdc.noaa.gov/cag/divisional/time-series/1808/pcp/1/12/2019-2021> because MARFC data was



**Precipitation in Maryland Counties  
as of 31 March 2022 (WY 2022)**

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY <sup>1</sup> To Date (Since Sep 30, 2021)				12 Months (Since Mar 31, 2021)				3 Months (Since Dec 31, 2021)				6 Months (Since Sept 30, 2021)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	17.5	11.4	-6.1	65%	39.1	33.9	-5.2	87%	8.6	6.9	-1.7	80%	17.5	11.4	-6.1	65%
	GARRETT	21.4	18.3	-3.1	86%	47.1	43.1	-4.0	92%	11.0	11.1	0.1	101%	21.4	18.3	-3.1	86%
	WASHINGTON	18.1	11.1	-7.0	61%	39.8	36.4	-3.4	91%	8.7	7.0	-1.7	80%	18.1	11.1	-7.0	61%
	Regional Average	19.0	13.6	-5.4	72%	42.0	37.8	-4.2	90%	9.4	8.3	-1.1	88%	19.0	13.6	-5.4	72%
CENTRAL REGION	BALTIMORE COUNTY	21.7	14.5	-7.2	67%	45.5	42.3	-3.2	93%	10.5	7.9	-2.6	75%	21.7	14.5	-7.2	67%
	CARROLL	20.2	13.7	-6.5	68%	43.5	41.6	-1.9	96%	9.7	7.7	-2.0	79%	20.2	13.7	-6.5	68%
	CECIL	21.0	15.3	-5.7	73%	45.0	45.4	0.4	101%	10.2	8.5	-1.7	83%	21.0	15.3	-5.7	73%
	FREDERICK	19.5	11.8	-7.7	61%	42.4	40.2	-2.2	95%	9.4	7.2	-2.2	77%	19.5	11.8	-7.7	61%
	HARFORD	21.2	14.3	-6.9	67%	45.7	46.7	1.0	102%	10.1	8.0	-2.1	79%	21.2	14.3	-6.9	67%
	HOWARD	21.0	14.7	-6.3	70%	44.4	37.5	-6.9	84%	10.2	7.9	-2.3	77%	21.0	14.7	-6.3	70%
	MONTGOMERY	19.6	13.3	-6.3	68%	42.6	38.5	-4.1	90%	9.5	8.0	-1.5	84%	19.6	13.3	-6.3	68%
	Regional Average	20.6	13.9	-6.7	68%	44.2	41.7	-2.4	95%	9.9	7.9	-2.1	79%	20.6	13.9	-6.7	68%
SOUTHERN REGION	ANNE ARUNDEL	20.0	15.8	-4.2	79%	42.7	40.1	-2.6	94%	9.7	9.4	-0.3	97%	20.0	15.8	-4.2	79%
	CALVERT	20.6	15.8	-4.8	77%	44.1	43.2	-0.9	98%	10.1	9.3	-0.8	92%	20.6	15.8	-4.8	77%
	CHARLES	19.8	15.1	-4.7	76%	42.5	42.3	-0.2	100%	9.6	9.3	-0.3	97%	19.8	15.1	-4.7	76%
	PRINCE GEORGES	19.9	15.5	-4.4	78%	42.5	42.2	-0.3	99%	9.5	9.4	-0.1	99%	19.9	15.5	-4.4	78%
	ST MARYS	20.5	15.5	-5.0	76%	43.7	41.6	-2.1	95%	10.1	9.3	-0.8	92%	20.5	15.5	-5.0	76%
	Regional Average	20.2	15.5	-4.6	77%	43.1	41.9	-1.2	97%	9.8	9.3	-0.5	95%	20.2	15.5	-4.6	77%
EASTERN REGION	CAROLINE	20.4	15.2	-5.2	75%	43.6	40.8	-2.8	94%	10.1	9.8	-0.3	97%	20.4	15.2	-5.2	75%
	DORCHESTER	20.5	13.9	-6.6	68%	43.9	37.1	-6.8	85%	10.3	9.1	-1.2	88%	20.5	13.9	-6.6	68%
	KENT	20.3	13.6	-6.7	67%	43.5	37.0	-6.5	85%	10.0	8.2	-1.8	82%	20.3	13.6	-6.7	67%
	QUEEN ANNES	20.3	14.7	-5.6	72%	43.3	38.5	-4.8	89%	10.0	9.3	-0.7	93%	20.3	14.7	-5.6	72%
	SOMERSET	20.3	14.6	-5.7	72%	43.2	40.8	-2.4	94%	10.6	9.2	-1.4	87%	20.3	14.6	-5.7	72%
	TALBOT	20.6	14.9	-5.7	72%	43.9	38.4	-5.5	87%	10.2	9.4	-0.8	92%	20.6	14.9	-5.7	72%
	WICOMICO	20.8	17.3	-3.5	83%	44.0	44.7	0.7	102%	10.8	9.9	-0.9	92%	20.8	17.3	-3.5	83%
	WORCESTER	21.3	16.0	-5.3	75%	44.3	41.7	-2.6	94%	10.9	9.7	-1.2	89%	21.3	16.0	-5.3	75%
Regional Average	20.6	15.0	-5.5	73%	43.7	39.9	-3.8	91%	10.4	9.3	-1.0	90%	20.6	15.0	-5.5	73%	
INDEPENDENT CITY OF BALTIMORE		21.7	14.5	-7.2	67%	45.5	42.3	-3.2	93%	10.5	7.9	-2.6	75%	21.7	14.5	-7.2	67%
<b>Statewide Average</b>		20.3	14.6	-5.7	72%	43.6	40.7	-2.9	93%	10.0	8.7	-1.3	87%	20.3	14.6	-5.7	72%

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

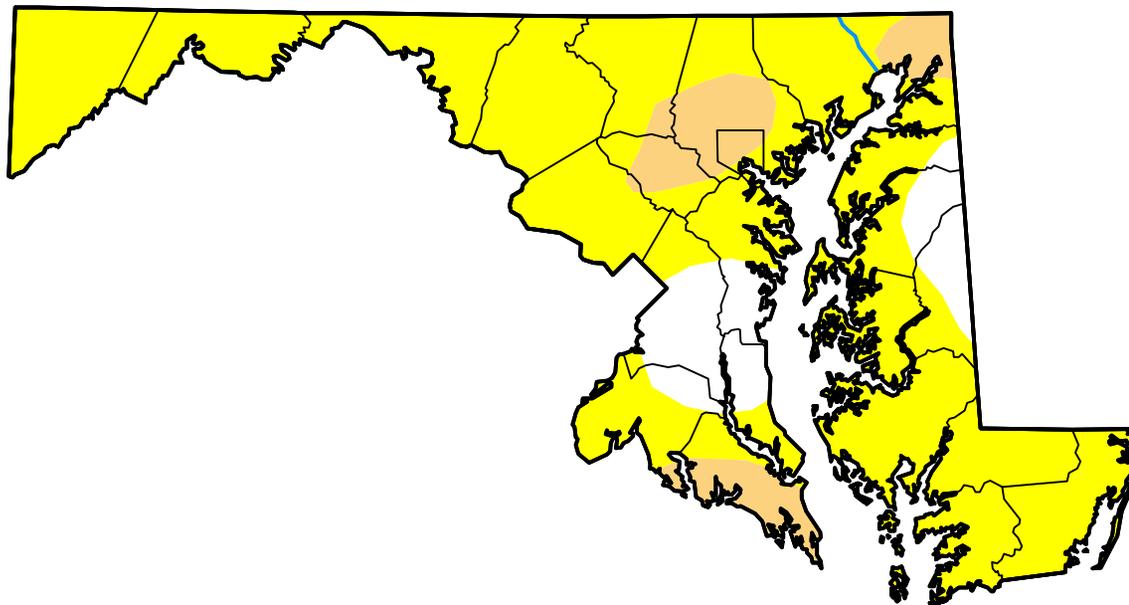
# U.S. Drought Monitor

## Maryland

**April 5, 2022**  
 (Released Thursday, Apr. 7, 2022)  
 Valid 8 a.m. EDT

### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	11.07	88.93	9.80	0.00	0.00	0.00
<b>Last Week</b> <i>03-29-2022</i>	11.35	88.65	5.15	0.00	0.00	0.00
<b>3 Months Ago</b> <i>01-04-2022</i>	55.15	44.85	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> <i>01-04-2022</i>	55.15	44.85	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> <i>09-28-2021</i>	100.00	0.00	0.00	0.00	0.00	0.00
<b>One Year Ago</b> <i>04-06-2021</i>	86.85	13.15	0.00	0.00	0.00	0.00



### Intensity:



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>

### Author:

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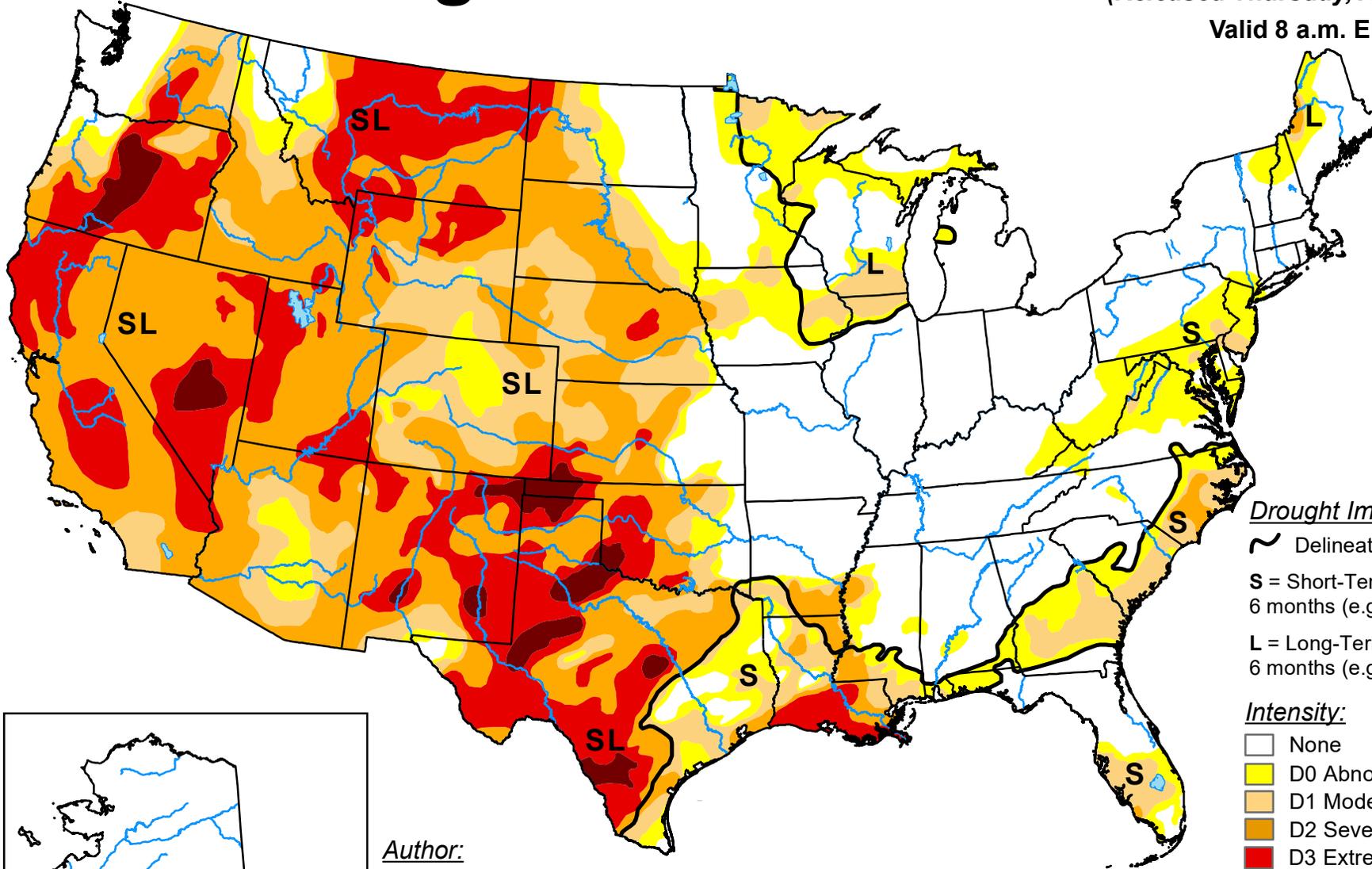
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

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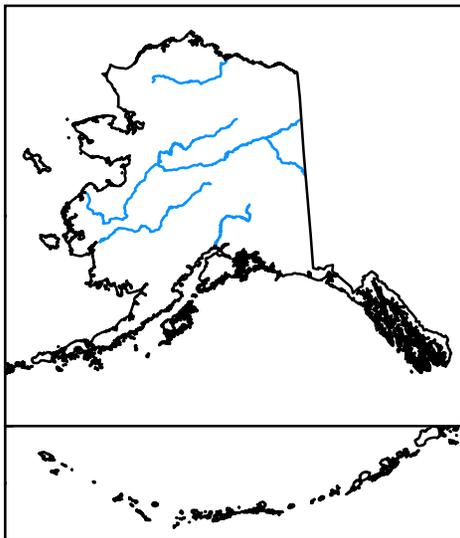


### Drought Impact Types:

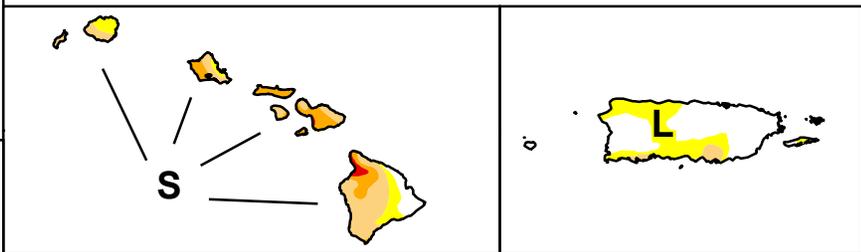
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

### Intensity:

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



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