

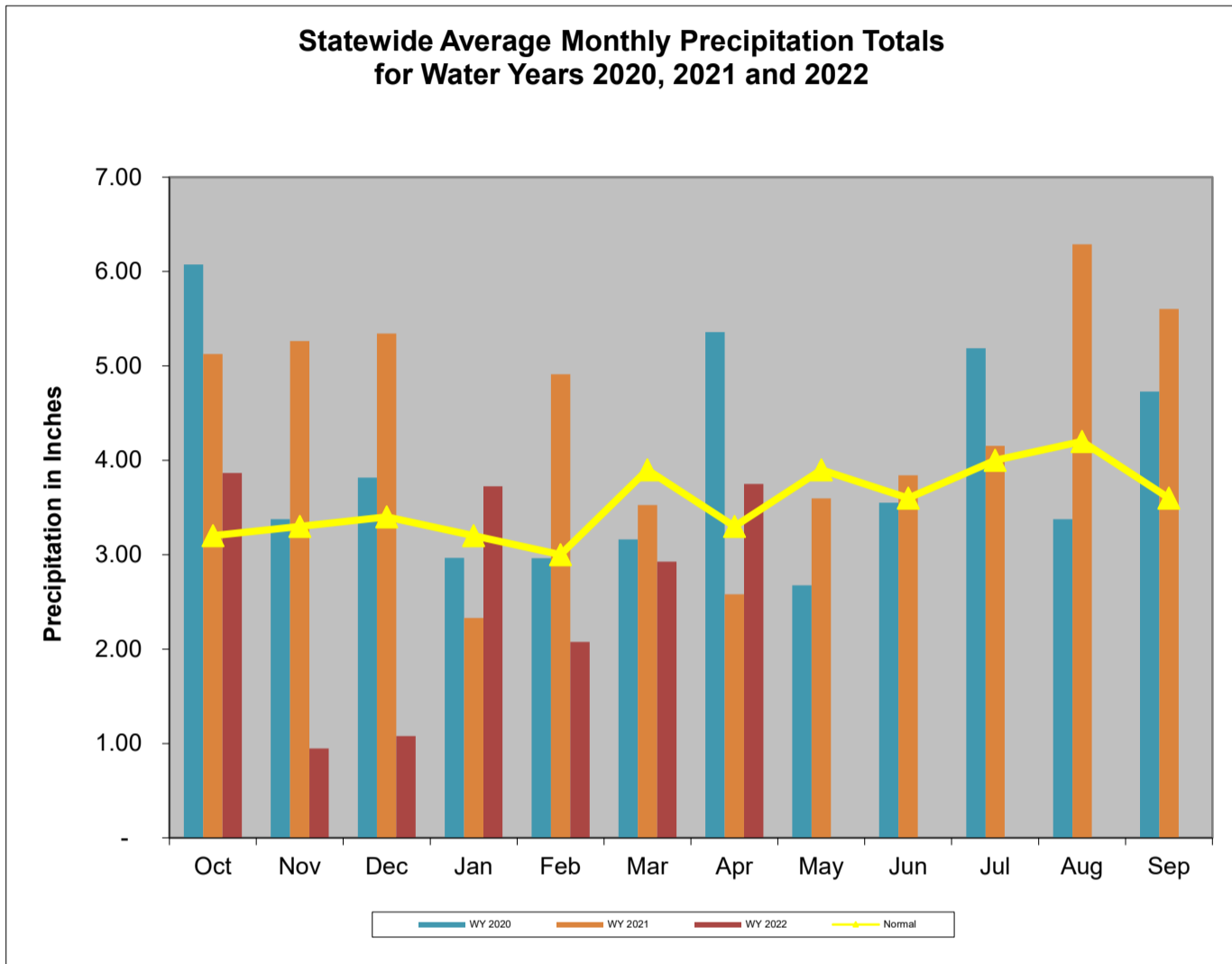
## Overall Hydrologic Status for Maryland

Summary of Hydrologic Indicators for 30-April-2022					
	Rainfall	Stream Flow	Groundwater	Reservoirs	Overall Status
Western	Watch	Normal	Watch	Normal*	Watch
Central	Watch	Normal	Normal	Normal	Normal
Eastern	Watch	Normal	Normal		Normal
Southern	Normal		Normal		Normal

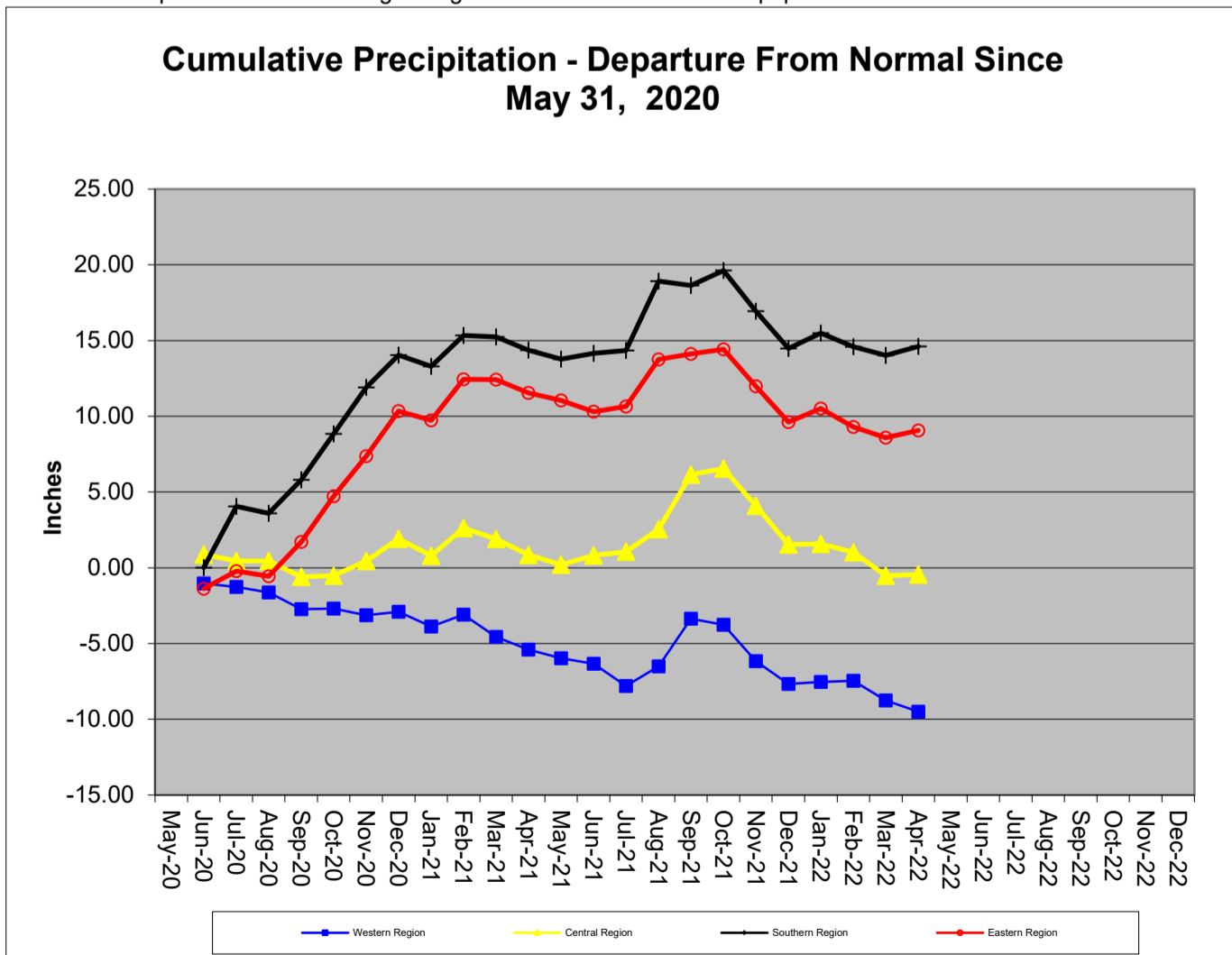
\*Data was not available but status was presumed normal based on available storage when last evaluated

Precipitation Indicators for Maryland Drought Regions						
April 30, 2022						
	WY to Date		Since Oct 31, 2021		Since April 30, 2021	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	73%	Watch	71%	Watch	90%	Normal
Central	73%	Watch	66%	Warning	97%	Normal
Eastern	79%	Watch	74%	Watch	94%	Normal
Southern	83%	Normal	75%	Watch	101%	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 wa



**Precipitation in Maryland Counties  
as of 30 April 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 Apr 30, 2021)				3 Months (Since Jan 31, 2022)				6 Months (Since Oct 31, 2021)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	20.9	14.2	-6.7	68%	39.1	34.2	-4.9	87%	9.4	7.3	-2.1	78%	18.1	11.8	-6.3	65%
	GARRETT	25.3	21.4	-3.9	85%	47.1	43.1	-4.0	92%	11.3	9.9	-1.4	88%	22.3	18.1	-4.2	81%
	WASHINGTON	21.5	13.7	-7.8	64%	39.8	36.4	-3.4	91%	9.4	7.0	-2.4	74%	18.4	11.7	-6.7	64%
	Regional Average	22.6	16.4	-6.1	73%	42.0	37.9	-4.1	90%	10.0	8.1	-2.0	80%	19.6	13.9	-5.7	71%
CENTRAL REGION	BALTIMORE COUNTY	25.4	18.2	-7.2	72%	45.5	43.9	-1.6	96%	10.8	8.3	-2.5	77%	21.5	13.7	-7.8	64%
	CARROLL	23.8	16.5	-7.3	69%	43.5	42.2	-1.3	97%	10.2	7.5	-2.7	74%	20.2	12.4	-7.8	61%
	CECIL	24.6	20.8	-3.8	85%	45.0	47.8	2.8	106%	10.5	10.8	0.3	103%	21.0	16.2	-4.8	77%
	FREDERICK	23.1	14.4	-8.7	62%	42.4	40.0	-2.4	94%	10.1	6.9	-3.2	68%	19.7	11.4	-8.3	58%
	HARFORD	24.9	18.9	-6.0	76%	45.7	48.4	2.7	106%	10.5	9.9	-0.6	94%	21.0	15.0	-6.0	71%
	HOWARD	24.6	18.1	-6.5	74%	44.4	38.8	-5.6	87%	10.6	7.7	-2.9	73%	20.9	13.3	-7.6	64%
	MONTGOMERY	23.0	16.4	-6.6	71%	42.6	38.9	-3.7	91%	10.0	7.5	-2.5	75%	19.5	12.8	-6.7	66%
	Regional Average	24.2	17.6	-6.6	73%	44.2	42.9	-1.3	97%	10.4	8.4	-2.0	81%	20.5	13.5	-7.0	66%
SOUTHERN REGION	ANNE ARUNDEL	23.4	20.4	-3.0	87%	42.7	42.3	-0.4	99%	10.0	9.6	-0.4	96%	19.9	15.7	-4.2	79%
	CALVERT	24.1	19.7	-4.4	82%	44.1	44.3	0.2	100%	10.4	9.1	-1.3	88%	20.5	14.7	-5.8	72%
	CHARLES	23.1	19.1	-4.0	83%	42.5	43.8	1.3	103%	9.9	9.1	-0.8	92%	19.6	14.9	-4.7	76%
	PRINCE GEORGES	23.3	19.8	-3.5	85%	42.5	44.0	1.5	104%	9.9	9.5	-0.4	96%	19.7	15.4	-4.3	78%
	ST MARYS	23.9	18.7	-5.2	78%	43.7	42.4	-1.3	97%	10.3	8.8	-1.5	85%	20.3	14.3	-6.0	70%
	Regional Average	23.6	19.5	-4.0	83%	43.1	43.4	0.3	101%	10.1	9.2	-0.9	91%	20.0	15.0	-5.0	75%
EASTERN REGION	CAROLINE	24.0	20.0	-4.0	83%	43.6	42.9	-0.7	98%	10.4	10.2	-0.2	98%	20.6	16.5	-4.1	80%
	DORCHESTER	24.1	17.3	-6.8	72%	43.9	37.8	-6.1	86%	10.5	8.0	-2.5	76%	20.7	14.3	-6.4	69%
	KENT	23.8	18.5	-5.3	78%	43.5	39.3	-4.2	90%	10.3	9.8	-0.5	95%	20.3	14.7	-5.6	72%
	QUEEN ANNES	23.8	20.0	-3.8	84%	43.3	41.1	-2.2	95%	10.3	10.5	0.2	102%	20.4	16.3	-4.1	80%
	SOMERSET	23.8	17.5	-6.3	74%	43.2	41.4	-1.8	96%	10.7	7.7	-3.0	72%	20.6	14.6	-6.0	71%
	TALBOT	24.2	19.9	-4.3	82%	44.0	40.4	-3.6	92%	10.5	10.2	-0.3	97%	20.7	16.5	-4.2	80%
	WICOMICO	24.4	20.4	-4.0	84%	44.0	45.1	1.1	103%	10.9	8.3	-2.6	76%	21.2	15.2	-6.0	72%
	WORCESTER	24.7	18.7	-6.0	76%	44.3	42.0	-2.3	95%	10.8	8.1	-2.7	75%	21.3	14.8	-6.5	69%
Regional Average	24.1	19.0	-5.1	79%	43.7	41.3	-2.5	94%	10.6	9.1	-1.5	86%	20.7	15.4	-5.4	74%	
INDEPENDENT CITY OF BALTIMORE		25.4	18.2	-7.2	72%	45.5	43.9	-1.6	96%	10.8	8.3	-2.5	77%	21.5	13.7	-7.8	64%
<b>Statewide Average</b>		23.9	18.4	-5.5	77%	43.6	41.9	-1.7	96%	10.4	8.8	-1.6	85%	20.4	14.5	-5.9	71%

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

### Stream Flow Status Based on Thirty Day Average for 2022-Apr-30

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		484	55%-60%	Normal
Western	Savage River (near Barton)		153.4	60%-65%	Normal
Western	Wills Creek (near Cumberland)		706	60%-65%	Normal
Western	Marsh Run (at Grimes)		10.4	20%-25%	Watch
Central	Catoctin Creek (near Middletown)		108.3	40%-45%	Normal
Central	Monocacy (Jug Bridge near Frederick)		1,291	40%-45%	Normal
Central	Patuxent (near Unity)		37.3	40%-45%	Normal
Central	Deer Cr (at Rocks)		150.5	45%-50%	Normal
Eastern	Choptank (near Greensboro)		322.9	85%-90%	Normal
Eastern	Nassawango Creek (near Snow Hill)		46.0	30%-35%	Normal
	Susquehanna (at Marietta)		74,677	50%-55%	Normal
	Potomac (at Little Falls)(Adjusted)		16,780	40%-45%	Normal

Notes:

Ground Water Status for 30 April 2022				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	11.81	Normal	Watch
	AL Ah 1	3.9[2]	Normal	
	WA Be 2	31.09[2]	Watch	
	WA Bk 25	42.73	Watch	
Central	BA Dc 444	38.08	Normal	Normal
	BA Ea 18	23.19	Normal	
	HA Bd 31	8.38	Normal	
	HA Ca 23	6.76	Watch	
	MO Cc 14	29.23	Normal	
Eastern	QA Cg 69	3.02	Normal	Normal
	WI Cg 20	4.27	Normal	
	MC51-01	11.42	Normal	
	SO Cf 2	1.34	Normal	
Southern	CH Bg 12 (unconfined)	2.40	Normal	Normal
	AA Cc 40 (confined)	48.44	On Trend[4]	
	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 2022-05-03 [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:

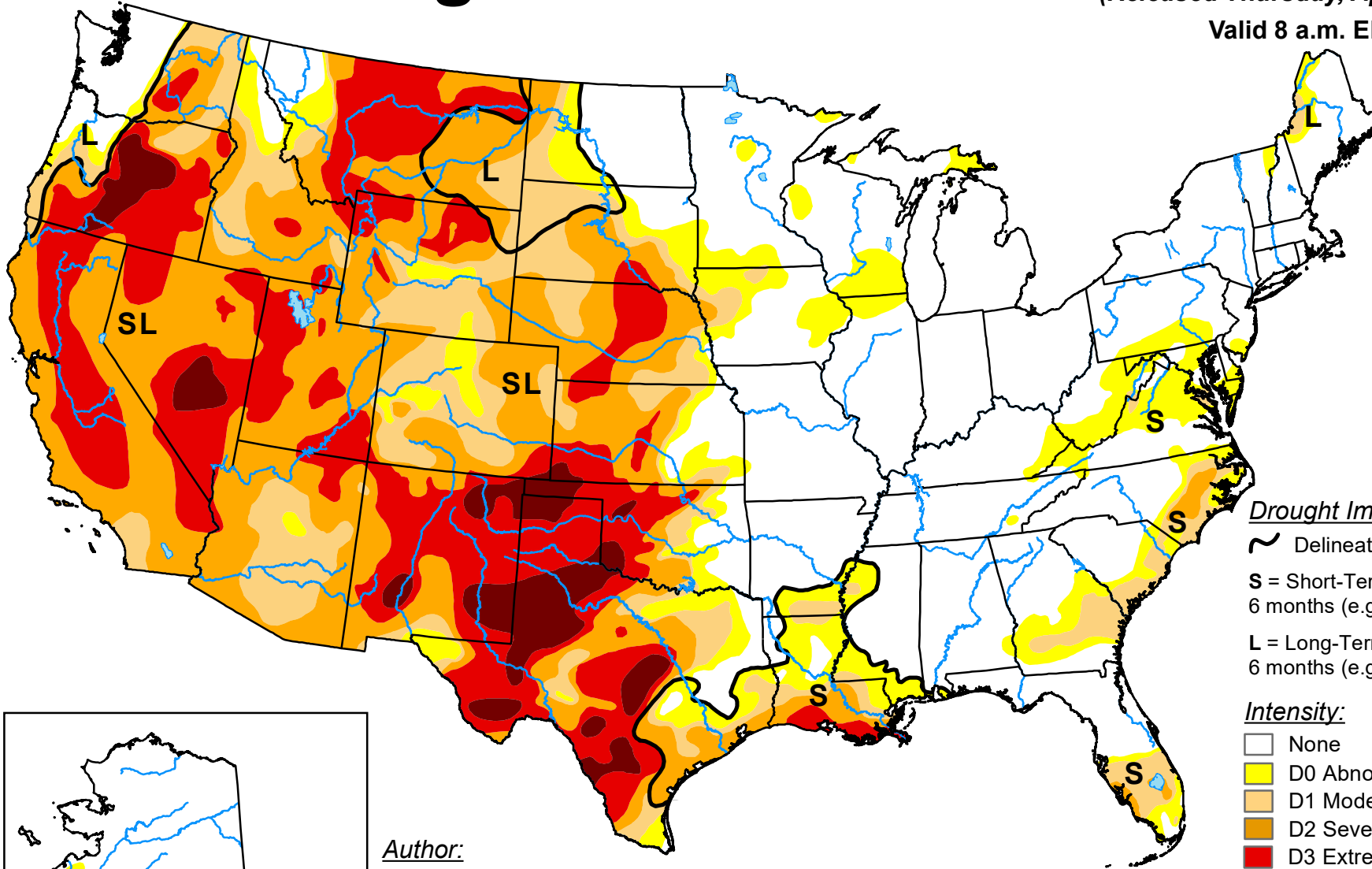
[USGS - NWIS Web Information for USA](http://www.usgs.gov/nwis)

# U.S. Drought Monitor

April 26, 2022

(Released Thursday, Apr. 28, 2022)

Valid 8 a.m. EDT



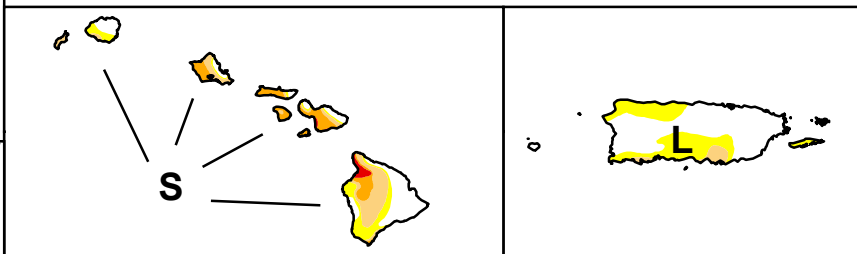
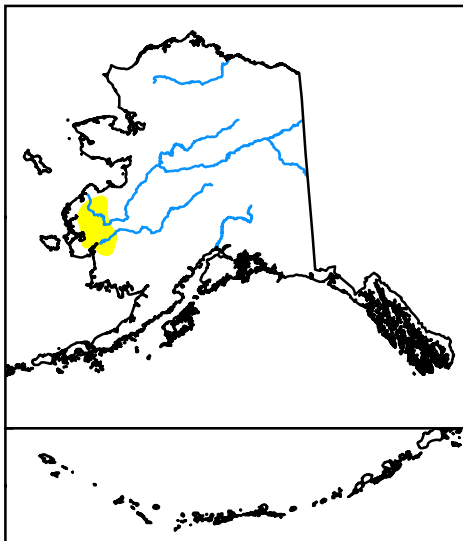
### Drought Impact Types:

- ~ 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:  
Brad Rippey  
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>



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

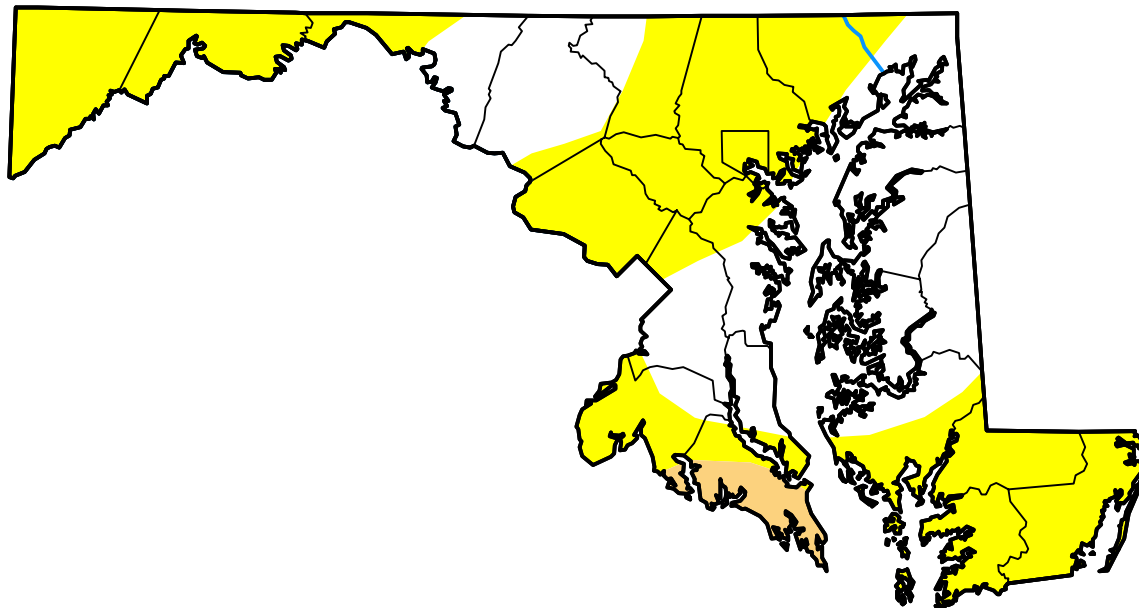
# U.S. Drought Monitor

## Maryland

**April 26, 2022**  
 (Released Thursday, Apr. 28, 2022)  
 Valid 8 a.m. EDT

### Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	39.08	60.92	2.78	0.00	0.00	0.00
<b>Last Week</b> <i>04-19-2022</i>	39.08	60.92	2.78	0.00	0.00	0.00
<b>3 Months Ago</b> <i>01-25-2022</i>	86.92	13.08	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>04-27-2021</i>	92.01	7.99	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:

Brad Rippey  
 U.S. Department of Agriculture



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