

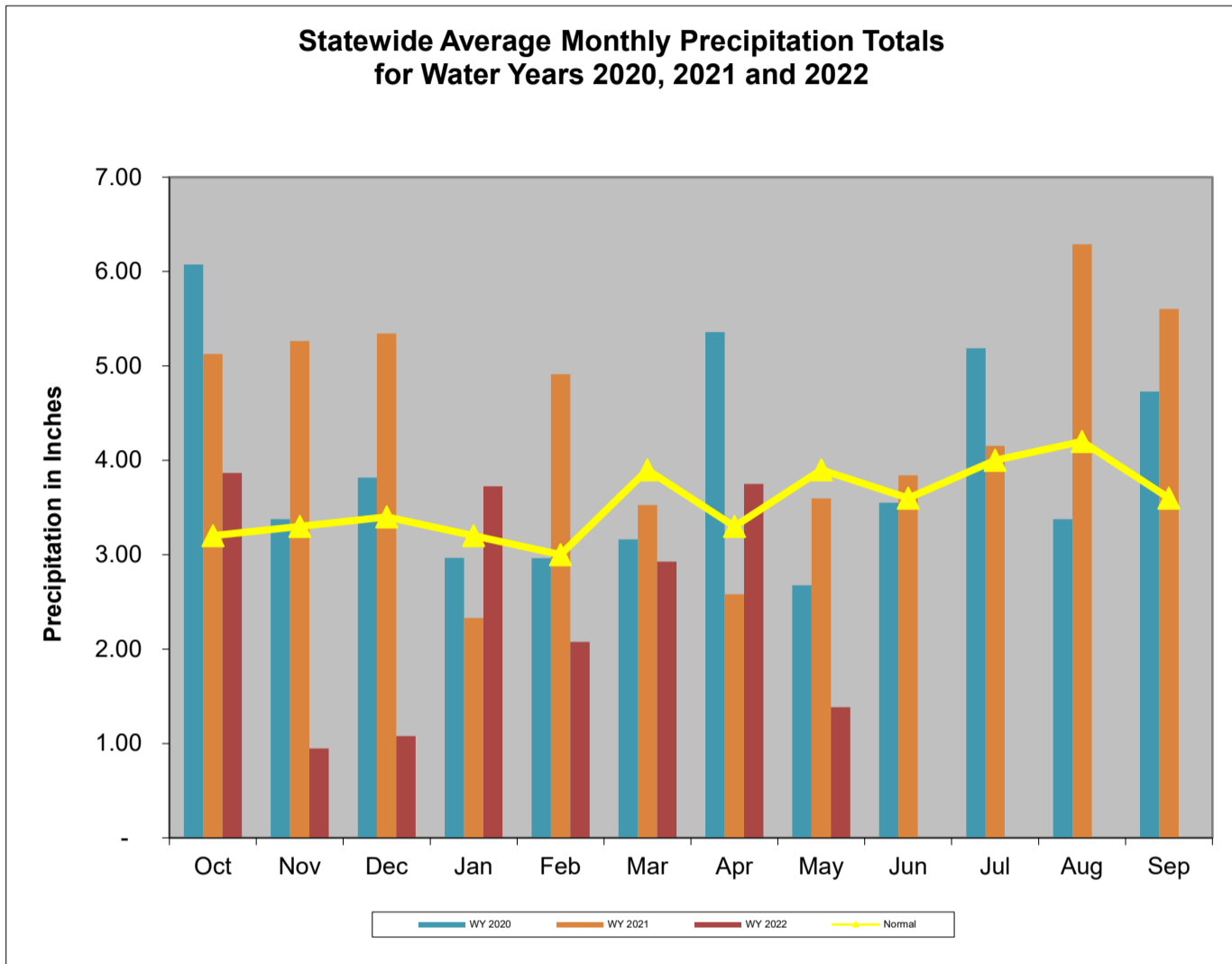
Overall Hydrologic Status for Maryland

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

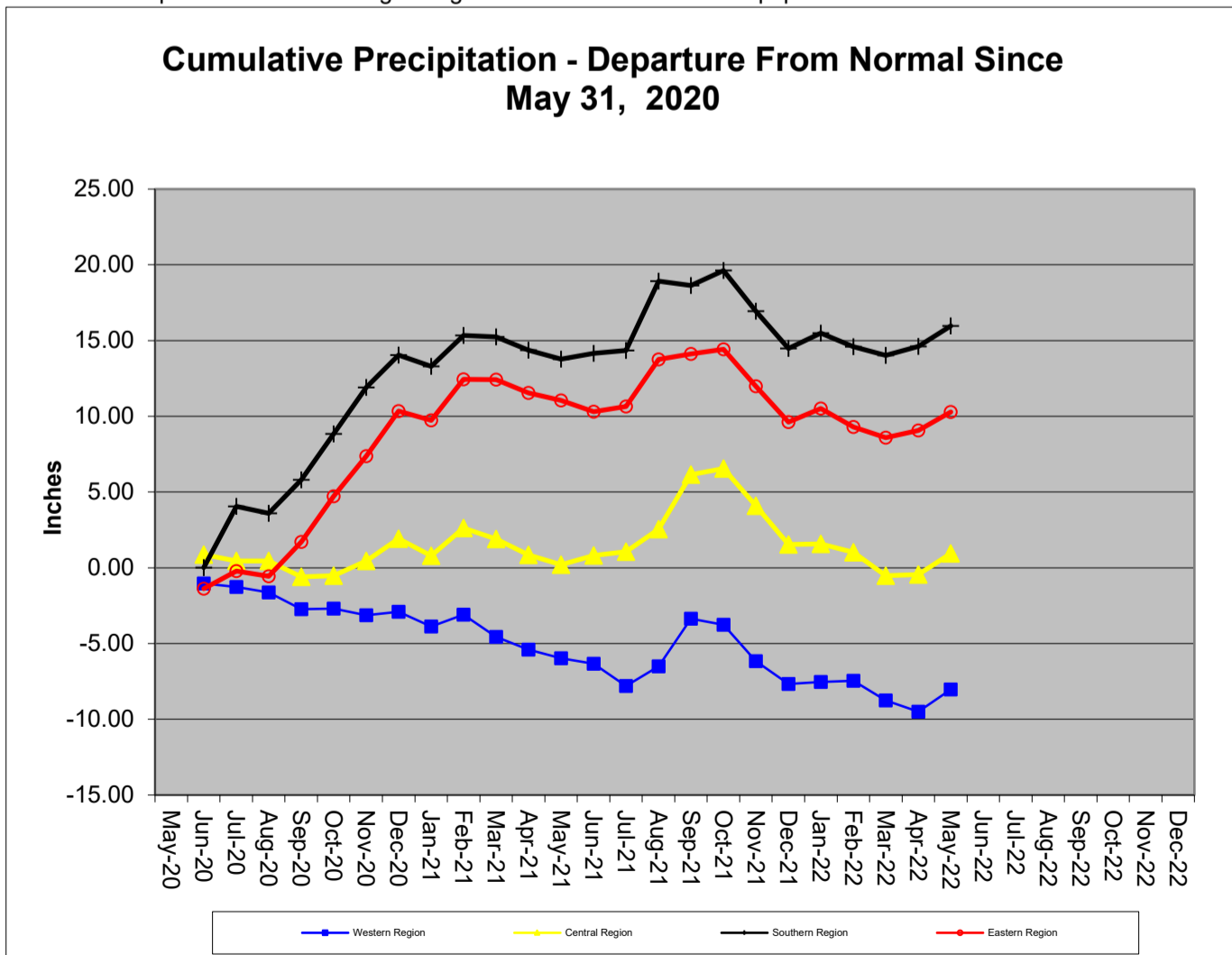
*Data was not available but status was presumed normal based on available storage when last evaluated

Precipitation Indicators for Maryland Drought Regions						
May 31, 2022						
	WY to Date		Since Nov 30, 2021		Since May 31, 2021	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	80%	Watch	89%	Normal	95%	Normal
Central	79%	Watch	82%	Normal	102%	Normal
Eastern	84%	Normal	90%	Normal	98%	Normal
Southern	89%	Normal	94%	Normal	106%	Normal

WY or Water Year begins on October 1



Data downloaded from 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 31 May 2022 (WY 2022)**

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY ¹ To Date (Since Sep 30, 2021)				12 Months (Since May 31, 2021)				3 Months (Since Feb 28, 2022)				6 Months (Since Nov 30, 2021)			
	COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%
WESTERN REGION	ALLEGANY	21.2	15.9	-5.3	75%	35.2	32.6	-2.6	93%	7.3	6.7	-0.6	92%	15.2	12.8	-2.4	84%
	GARRETT	25.7	23.1	-2.6	90%	42.6	40.3	-2.3	95%	8.4	7.9	-0.5	94%	18.9	18.8	-0.0	100%
	WASHINGTON	22.5	16.4	-6.1	73%	36.8	35.5	-1.3	96%	7.9	7.3	-0.6	92%	16.1	13.0	-3.1	81%
	Regional Average	23.1	18.5	-4.7	80%	38.2	36.1	-2.1	95%	7.9	7.3	-0.6	93%	16.7	14.9	-1.9	89%
CENTRAL REGION	BALTIMORE COUNTY	25.3	19.4	-5.9	77%	40.9	41.1	0.2	100%	7.7	7.4	-0.3	96%	17.7	13.7	-4.0	77%
	CARROLL	24.1	18.2	-5.9	75%	39.5	40.1	0.6	101%	7.7	7.0	-0.7	91%	17.0	13.0	-4.0	76%
	CECIL	24.6	22.1	-2.5	90%	40.9	45.5	4.6	111%	7.7	9.4	1.7	122%	17.5	16.5	-1.0	94%
	FREDERICK	23.6	16.3	-7.3	69%	38.4	37.9	-0.5	99%	7.8	6.6	-1.2	85%	16.7	12.4	-4.3	74%
	HARFORD	25.1	20.4	-4.7	81%	41.6	45.8	4.3	110%	7.9	8.9	1.1	113%	17.6	15.2	-2.4	87%
	HOWARD	25.1	20.0	-5.1	80%	40.4	37.1	-3.3	92%	8.1	7.4	-0.7	92%	17.8	14.1	-3.7	79%
	MONTGOMERY	23.9	18.9	-5.0	79%	39.1	38.5	-0.6	98%	8.1	7.7	-0.4	95%	17.0	14.4	-2.6	85%
	Regional Average	24.5	19.3	-5.2	79%	40.1	40.9	0.7	102%	7.9	7.8	-0.1	99%	17.3	14.2	-3.1	82%
SOUTHERN REGION	ANNE ARUNDEL	23.3	21.6	-1.7	93%	38.3	39.9	1.6	104%	7.2	8.6	1.4	119%	16.4	16.0	-0.4	98%
	CALVERT	24.1	21.0	-3.1	87%	39.8	41.8	2.0	105%	7.5	8.9	1.4	119%	17.1	15.4	-1.7	90%
	CHARLES	23.1	20.4	-2.7	88%	38.5	41.7	3.2	108%	7.1	8.3	1.2	118%	16.2	15.4	-0.8	95%
	PRINCE GEORGES	23.4	21.2	-2.2	91%	38.4	41.8	3.4	109%	7.2	8.6	1.4	120%	16.3	15.9	-0.4	98%
	ST MARYS	24.4	20.7	-3.7	85%	40.1	40.8	0.7	102%	8.0	9.4	1.4	117%	17.4	15.8	-1.6	91%
	Regional Average	23.6	21.0	-2.7	89%	39.0	41.2	2.2	106%	7.4	8.8	1.4	119%	16.7	15.7	-1.0	94%
EASTERN REGION	CAROLINE	23.3	20.4	-2.9	88%	38.9	40.0	1.1	103%	6.9	8.8	1.9	128%	16.4	16.1	-0.3	98%
	DORCHESTER	23.2	17.5	-5.7	75%	39.1	35.0	-4.1	89%	6.8	7.0	0.2	102%	16.5	13.7	-2.8	83%
	KENT	23.6	19.5	-4.1	83%	39.1	37.1	-2.0	95%	7.3	8.7	1.4	120%	16.8	14.9	-1.9	89%
	QUEEN ANNES	23.6	21.0	-2.6	89%	39.0	38.8	-0.2	100%	7.3	9.5	2.2	131%	16.8	16.5	-0.3	98%
	SOMERSET	23.7	18.7	-5.0	79%	39.7	38.7	-1.0	98%	7.6	7.3	-0.3	97%	17.3	14.7	-2.6	85%
	TALBOT	24.0	20.9	-3.1	87%	39.7	37.7	-2.0	95%	7.4	9.6	2.2	130%	17.1	16.6	-0.5	97%
	WICOMICO	24.2	21.5	-2.7	89%	40.2	42.8	2.6	106%	7.6	7.7	0.1	101%	17.7	15.3	-2.4	86%
	WORCESTER	24.3	19.5	-4.8	80%	40.4	39.7	-0.7	98%	7.3	7.3	0.0	101%	17.5	14.6	-2.9	84%
Regional Average	23.7	19.9	-3.8	84%	39.5	38.7	-0.8	98%	7.3	8.2	1.0	114%	17.0	15.3	-1.7	90%	
INDEPENDENT CITY OF BALTIMORE		25.3	19.4	-5.9	77%	40.9	41.1	0.2	100%	7.7	7.4	-0.3	96%	17.7	13.7	-4.0	77%
Statewide Average		23.9	19.8	-4.2	83%	39.5	39.6	0.2	100%	7.6	8.1	0.5	107%	17.0	14.9	-2.1	88%

WY¹ - USGS Water Year, which begins October 1

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

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		403	60%-65%	Normal
Western	Savage River (near Barton)		172.9	80%-85%	Normal
Western	Wills Creek (near Cumberland)		821	85%-90%	Normal
Western	Marsh Run (at Grimes)		18.2	65%-70%	Normal
Central	Catoctin Creek (near Middletown)		178.7	80%-85%	Normal
Central	Monocacy (Jug Bridge near Frederick)		2,164	85%-90%	Normal
Central	Patuxent (near Unity)		74.2	80%-85%	Normal
Central	Deer Cr (at Rocks)		187.3	75%-80%	Normal
Eastern	Choptank (near Greensboro)		132.2	55%-60%	Normal
Eastern	Nassawango Creek (near Snow Hill)		74.2	85%-90%	Normal
	Susquehanna (at Marietta)		55,623	60%-65%	Normal
	Potomac (at Little Falls)(Adjusted)		23,486	75%-80%	Normal

Notes:

Ground Water Status for 31 May 2022				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	13.78	Normal	Normal
	AL Ah 1	4.27	Normal	
	WA Be 2	26.06	Normal	
	WA Bk 25	39.12	Normal	
Central	BA Dc 444	36.77	Normal	Normal
	BA Ea 18	22.41	Normal	
	HA Bd 31	8.01	Normal	
	HA Ca 23	6.49	Normal	
	MO Cc 14	27.32	Normal	
Eastern	QA Cg 69	3.26	Normal	Normal
	WI Cg 20	4.52	Normal	
	MC51-01	11.68	Normal	
	SO Cf 2	2.01	Normal	
Southern	CH Bg 12 (unconfined)	3.11	Normal	Normal
	AA Cc 40 (confined)	NA[2]	Unknown	
	CA Fd 54 (confined)	239.11	On Trend[4]	
	CH Dd 33 (confined)	NA[2]	Unknown	
	PG De 21 (confined)	NA[2]	Unknown	
	SM Fg 45 (confined)	NA[2]	Unknown	
<p>[1] - Measurement of water level as feet below land surface</p> <p>[2] - Not Available as of 2022-06-03</p> <p>[3] - Value computed from real time measurement</p> <p>[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:

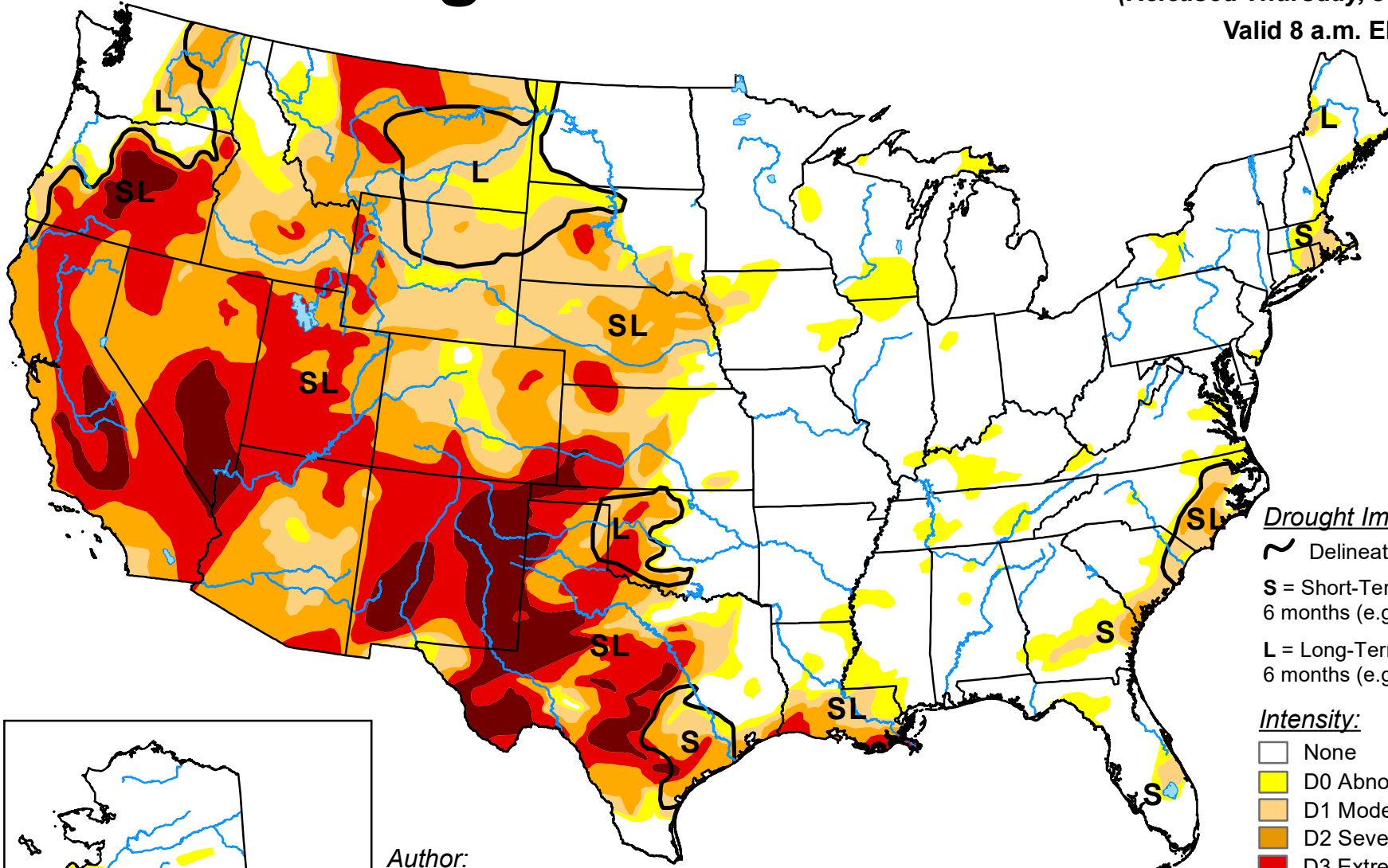
[USGS - NWIS Web Information for USA](http://www.water.usgs.gov/nwis/)

U.S. Drought Monitor

May 31, 2022

(Released Thursday, Jun. 2, 2022)

Valid 8 a.m. EDT

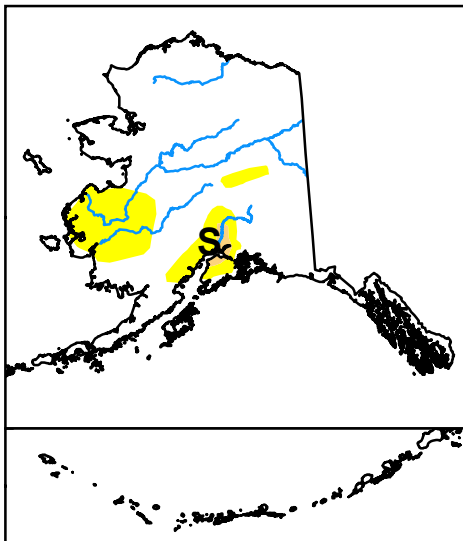


Drought Impact Types:

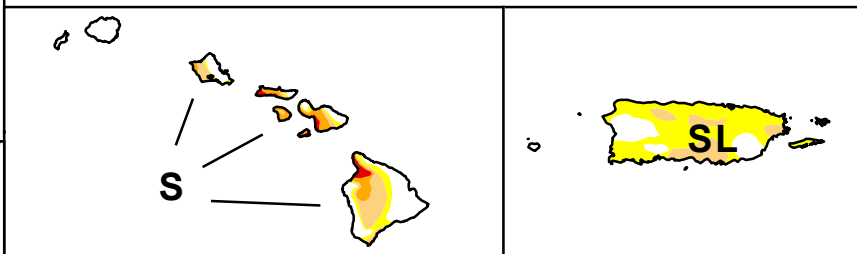
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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



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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

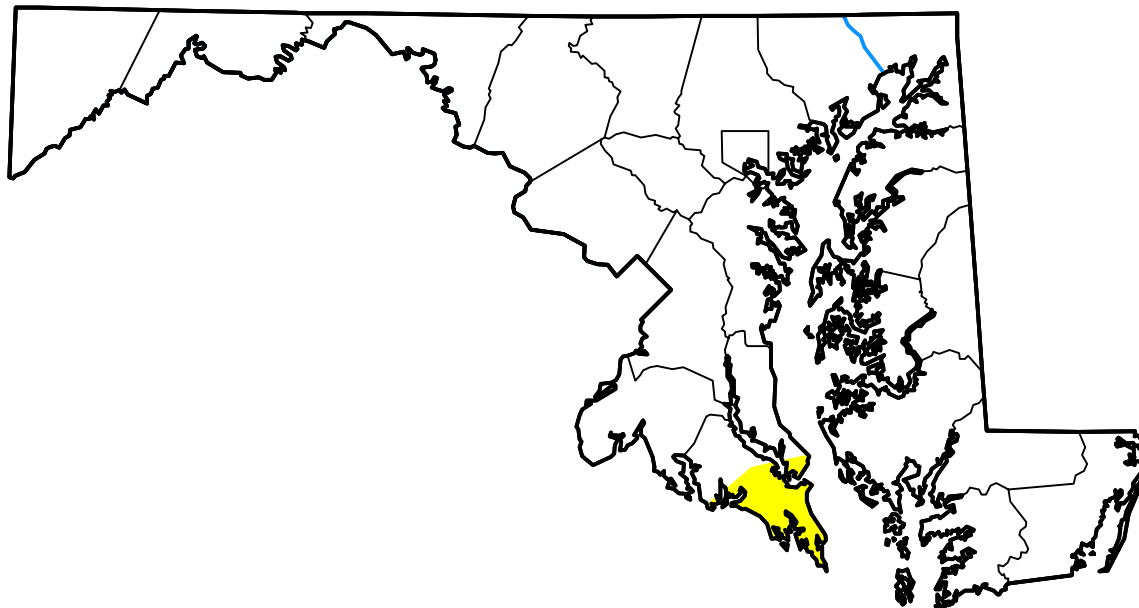
U.S. Drought Monitor

Maryland

May 31, 2022
 (Released Thursday, Jun. 2, 2022)
 Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	97.84	2.16	0.00	0.00	0.00	0.00
Last Week <i>05-24-2022</i>	93.95	6.05	0.00	0.00	0.00	0.00
3 Months Ago <i>03-01-2022</i>	95.78	4.22	0.00	0.00	0.00	0.00
Start of Calendar Year <i>01-04-2022</i>	55.15	44.85	0.00	0.00	0.00	0.00
Start of Water Year <i>09-28-2021</i>	100.00	0.00	0.00	0.00	0.00	0.00
One Year Ago <i>06-01-2021</i>	88.68	11.32	0.00	0.00	0.00	0.00



Intensity:



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