

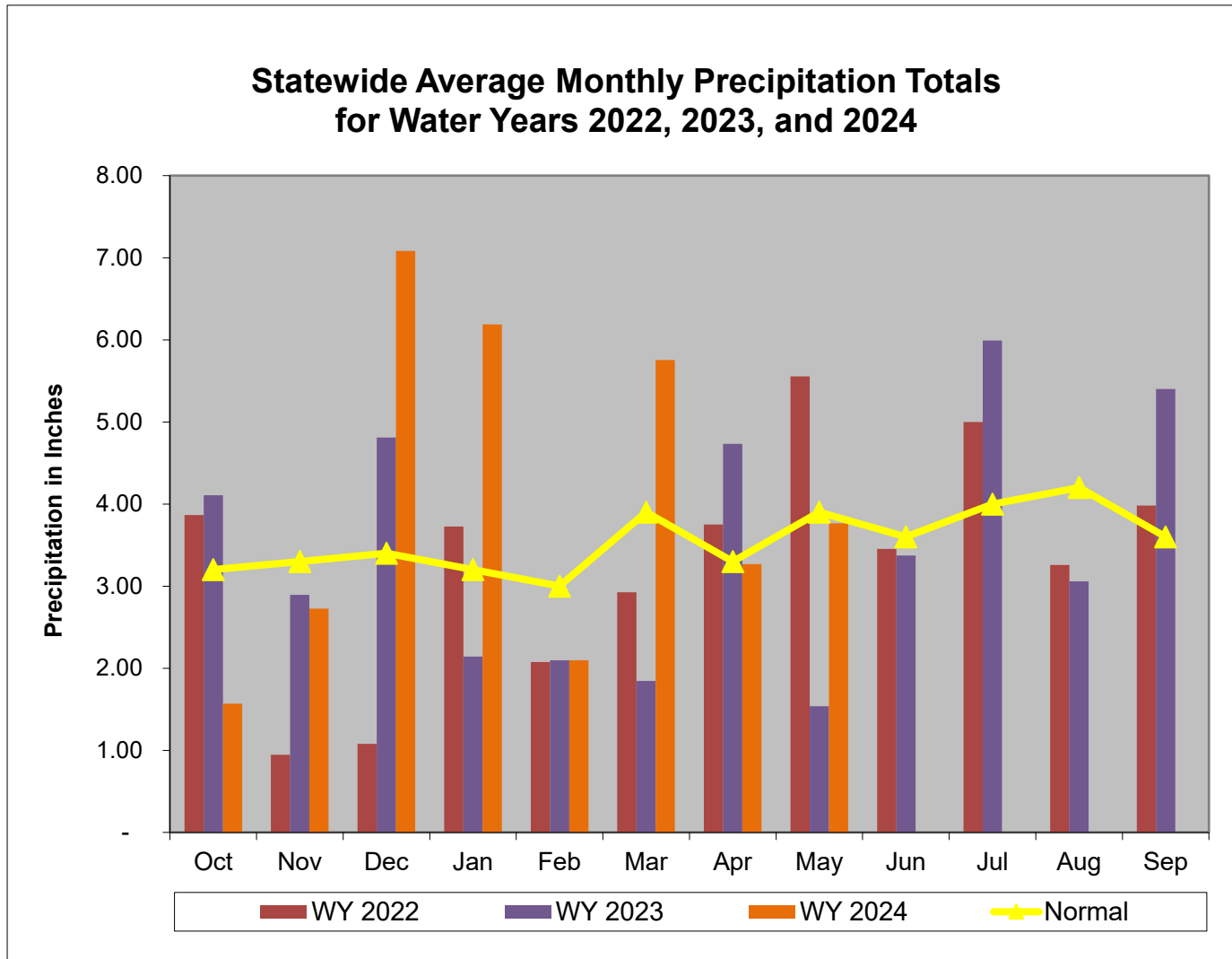
Overall Hydrologic Status for Maryland

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

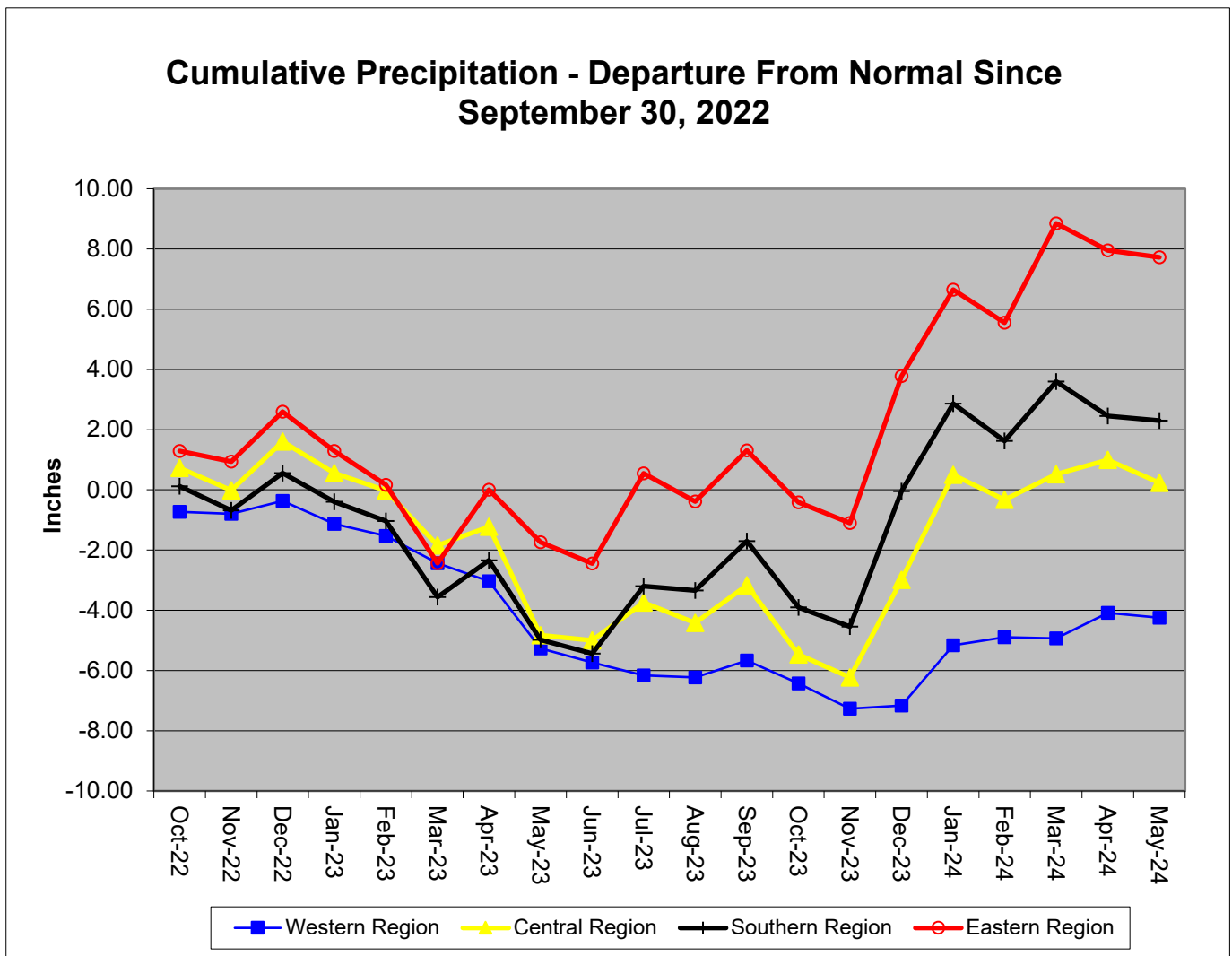
Notes:

Precipitation Indicators for Maryland Drought Regions						
May 31, 2024						
	Since Sept 30, 2023		Since Nov 30, 2023		Since May 31, 2023	
Regions	Percent of Normal	Condition	Percent of Normal	Condition	Percent of Normal	Condition
Western	105%	Normal	115%	Normal	102%	Normal
Central	112%	Normal	130%	Normal	111%	Normal
Eastern	123%	Normal	141%	Normal	122%	Normal
Southern	114%	Normal	133%	Normal	117%	Normal

WY or Water Year begins on October 1.



Data downloaded from http://www.weather.gov/marfc/Precipitation_Departures



**Precipitation in Maryland Counties
as of 31 May 2024 (WY 2024)**

		Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches															
		WY ¹ To Date (Since September 30, 2023)				12 Months (Since May 31, 2023)				3 Months (Since February 29, 2024)				6 Months (Since November 30, 2023)			
		COUNTY	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart	%	Normal	Actual	Depart
WESTERN REGION	ALLEGANY	25.3	27.0	1.7	107%	39.3	41.2	1.9	105%	11.2	12.4	1.2	111%	19.3	22.7	3.4	118%
	GARRETT	30.2	33.9	3.7	112%	47.1	50.5	3.4	107%	12.8	15.7	2.9	123%	23.4	28.1	4.7	120%
	WASHINGTON	25.4	24.2	-1.2	95%	39.7	37.4	-2.3	94%	10.7	8.5	-2.2	80%	19.0	19.9	0.9	105%
	Regional Average	27.0	28.4	1.4	105%	42.0	43.0	1.0	102%	11.6	12.2	0.7	106%	20.6	23.6	3.0	115%
CENTRAL REGION	BALTIMORE COUNTY	30.0	34.0	4.0	113%	45.7	53.1	7.4	116%	12.3	13.0	0.7	105%	22.4	29.6	7.2	132%
	CARROLL	28.2	30.0	1.8	106%	43.6	43.2	-0.4	99%	11.7	12.0	0.3	103%	21.1	26.2	5.1	124%
	CECIL	28.7	36.2	7.6	126%	45.0	57.5	12.6	128%	11.8	13.7	2.0	117%	21.6	31.5	10.0	146%
	FREDERICK	27.6	29.7	2.1	108%	42.4	42.8	0.4	101%	11.7	12.4	0.7	106%	20.7	25.6	4.9	124%
	HARFORD	29.4	34.5	5.1	117%	45.9	54.9	9.0	120%	12.0	12.6	0.6	105%	21.9	29.9	8.0	136%
	HOWARD	29.2	31.2	2.0	107%	44.5	47.7	3.2	107%	12.1	12.3	0.2	101%	21.9	27.3	5.4	125%
	MONTGOMERY	27.6	28.9	1.4	105%	42.8	46.1	3.4	108%	11.6	11.1	-0.5	96%	20.6	25.3	4.8	123%
	Regional Average	28.7	32.1	3.4	112%	44.3	49.3	5.1	111%	11.9	12.4	0.6	105%	21.5	27.9	6.5	130%
SOUTHERN REGION	ANNE ARUNDEL	27.9	32.6	4.7	117%	42.9	52.3	9.4	122%	11.6	12.2	0.6	105%	21.0	28.2	7.2	134%
	CALVERT	28.5	32.7	4.2	115%	44.2	52.6	8.4	119%	11.8	12.4	0.6	105%	21.5	28.1	6.6	131%
	CHARLES	27.2	31.7	4.5	117%	42.6	49.0	6.4	115%	11.1	12.3	1.2	111%	20.3	28.0	7.7	138%
	PRINCE GEORGES	27.6	30.2	2.6	109%	42.6	49.5	6.9	116%	11.3	11.4	0.1	101%	20.5	26.3	5.8	128%
	ST MARYS	28.2	32.2	4.0	114%	43.9	49.2	5.3	112%	11.6	12.5	0.9	108%	21.2	28.1	6.9	132%
	Regional Average	27.9	31.9	4.0	114%	43.2	50.5	7.3	117%	11.5	12.2	0.7	106%	20.9	27.7	6.8	133%
EASTERN REGION	CAROLINE	27.9	35.5	7.6	127%	43.5	57.6	14.1	132%	11.6	13.8	2.2	119%	21.1	30.8	9.7	146%
	DORCHESTER	74.4	79.8	5.4	107%	44.1	53.3	9.2	121%	11.6	12.3	0.7	106%	21.5	29.3	7.8	136%
	KENT	72.9	79.0	6.1	108%	43.6	53.8	10.2	123%	11.7	12.9	1.2	111%	21.3	29.6	8.3	139%
	QUEEN ANNES	73.5	79.9	6.4	109%	43.5	53.6	10.1	123%	11.6	13.4	1.8	115%	21.2	29.8	8.6	140%
	SOMERSET	71.5	79.2	7.7	111%	43.3	51.8	8.5	120%	11.1	14.6	3.5	132%	20.9	31.0	10.1	148%
	TALBOT	71.5	77.2	5.7	108%	44.0	51.7	7.7	117%	11.7	13.4	1.7	114%	21.5	29.6	8.1	138%
	WICOMICO	73.2	82.1	8.9	112%	44.3	56.7	12.4	128%	11.6	16.3	4.7	141%	21.8	33.3	11.5	153%
	WORCESTER	69.6	73.0	3.4	105%	44.4	47.8	3.4	108%	11.2	12.7	1.5	114%	21.5	27.9	6.4	130%
Regional Average	66.8	73.2	6.4	110%	43.8	53.3	9.5	122%	11.5	13.7	2.2	119%	21.4	30.2	8.8	141%	
INDEPENDENT CITY OF BALTIMORE		30.0	34.0	4.0	113%	45.7	53.1	7.4	116%	12.3	13.0	0.7	105%	22.4	29.6	7.2	132%
Statewide Average		41.1	45.4	4.3	110%	43.7	50.3	6.6	115%	11.6	12.8	1.1	110%	21.2	28.2	6.9	133%

WY¹ - USGS Water Year, which begins October 1

Stream Flow Status Based on Thirty Day Average for 2024 April 30

Region	Stream Gage Location	Notes	Status Based on 30 Day Average		
			30 Day Average (cfs)	Percentage	Status
Western	Youghiogheny (near Oakland)		161	20%-25%	Watch
Western	Savage River (near Barton)		55.1	25%-30%	Normal
Western	Wills Creek (near Cumberland)		245	25%-30%	Normal
Western	Marsh Run (at Grimes)		16.8	55%-60%	Normal
Central	Catoctin Creek (near Middletown)		69.2	35%-40%	Normal
Central	Monocacy (Jug Bridge near Frederick)		727	40%-45%	Normal
Central	Patuxent (near Unity)		25.8	15%-20%	Watch
Central	Deer Cr (at Rocks)		135.5	50%-55%	Normal
Eastern	Choptank (near Greensboro)		88.4	30%-35%	Normal
Eastern	Nassawango Creek (near Snow Hill)		17.6	15%-20%	Watch
	Susquehanna (at Marietta)		41,648	40%-45%	Normal
	Potomac (at Little Falls)(Adjusted)		9,586	25%-30%	Normal

Notes:

Ground Water Status for 31 May 2024				
Region	USGS Well ID	Well Level[1]	Status	
Western	GA Bc 1	14.32	Normal	Normal
	AL Ah 1	4.23	Normal	
	WA Be 2	28.34	Normal	
	WA Bk 25	43.74	Watch	
Central	BA Dc 444	37.51	Normal	Normal
	BA Ea 18	19.94	Normal	
	HA Bd 31	8.92	Normal	
	HA Ca 23	5.89	Normal	
	MO Cc 14	30.42	Normal	
Eastern	QA Cg 69	3.32	Normal	Normal
	WI Cg 20	4.13	Normal	
	MC51-01	9.17	Normal	
	SO Cf 2	2.41	Normal	
Southern	CH Bg 12 (unconfined)	4.27	Watch	Watch
	CA Fd 54 (confined)	239.66	On Trend[4]	
[1] - Measurement of water level as feet below land surface [2] - Not Available as of 2024-06-05 [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:

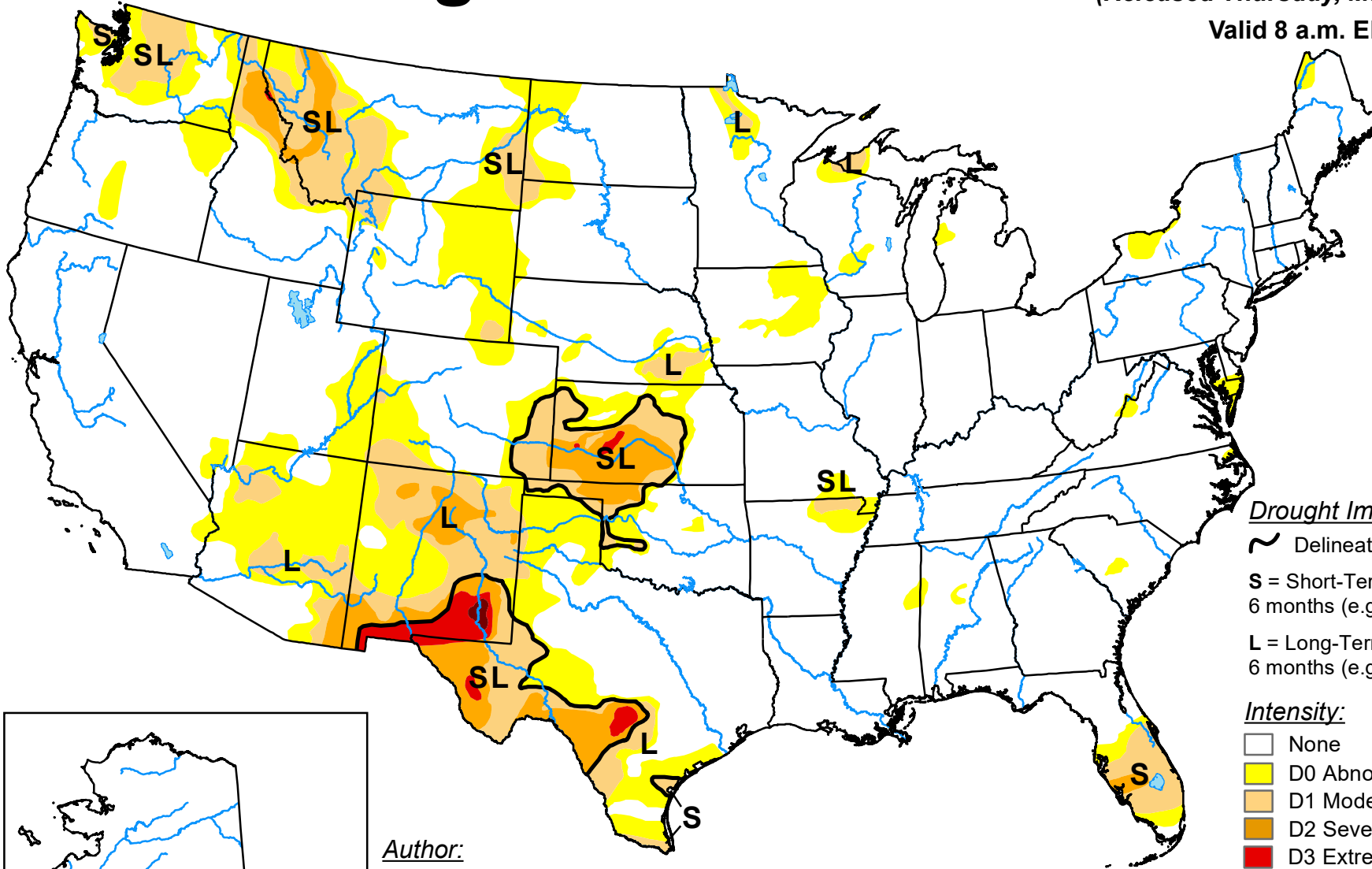
[USGS - NWIS Web Information for USA](https://www.usgs.gov/nwis)

U.S. Drought Monitor

May 28, 2024

(Released Thursday, May. 30, 2024)

Valid 8 a.m. EDT



Drought Impact Types:

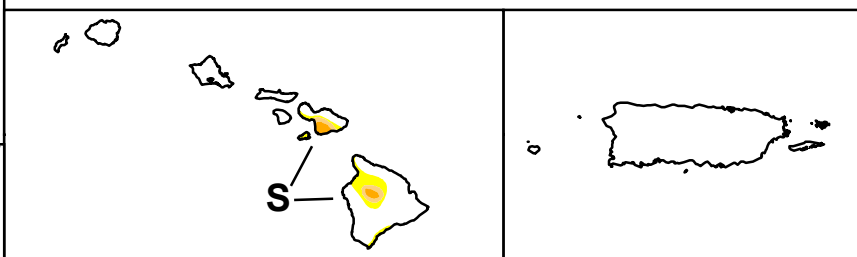
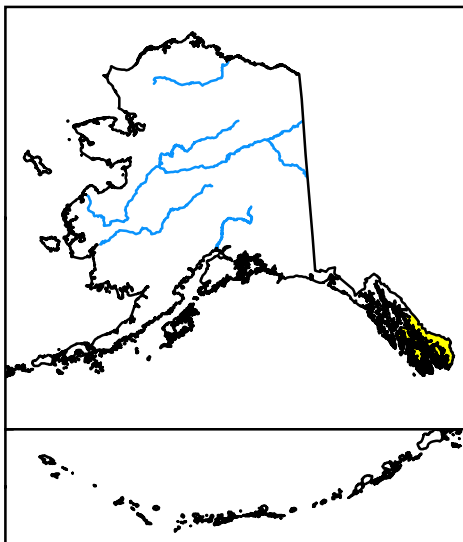
- Delineates dominant impacts
- S** = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L** = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

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

Author:
Rocky Bilotta
NCEI/NOAA

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

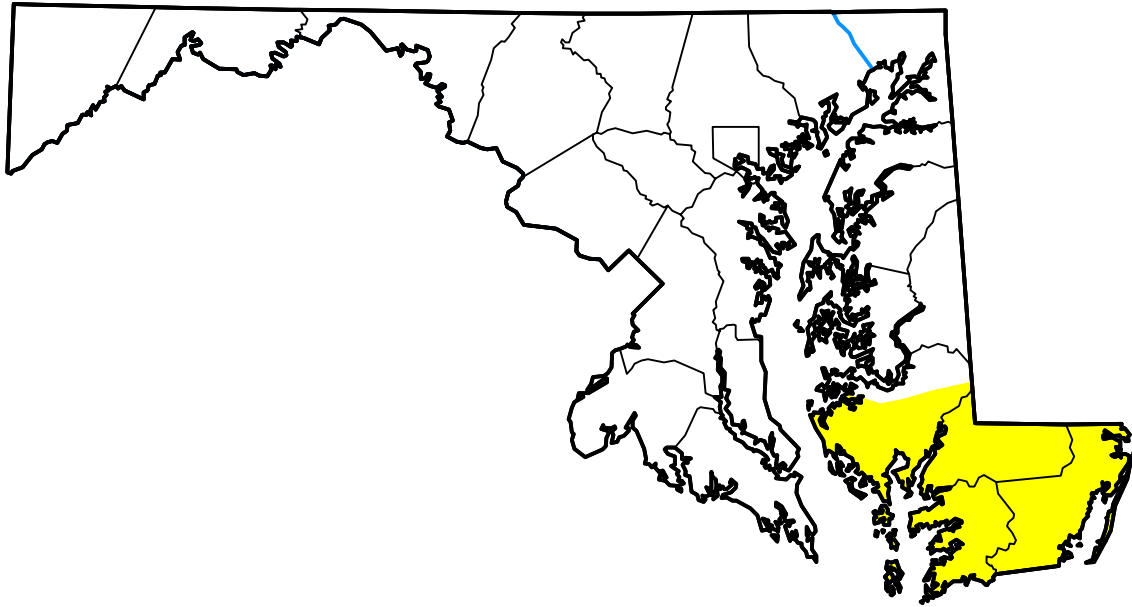
U.S. Drought Monitor

Maryland

May 28, 2024
 (Released Thursday, May. 30, 2024)
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Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	83.95	16.05	0.00	0.00	0.00	0.00
Last Week <i>05-21-2024</i>	83.95	16.05	0.00	0.00	0.00	0.00
3 Months Ago <i>02-27-2024</i>	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year <i>01-02-2024</i>	70.35	29.65	0.00	0.00	0.00	0.00
Start of Water Year <i>09-26-2023</i>	63.11	36.89	3.30	0.47	0.00	0.00
One Year Ago <i>05-30-2023</i>	33.92	66.08	20.11	0.00	0.00	0.00



Intensity:

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

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