

Overall Hydrologic Status for Maryland

| Summary of Hydrologic Indicators for 15 July 2025 | | | | | |
|---|----------|-------------|-------------|------------|----------------|
| | Rainfall | Stream Flow | Groundwater | Reservoirs | Overall Status |
| Western | Normal | Normal | Normal | Normal | Normal |
| Central | Normal | Normal | Warning | Normal | Watch |
| Eastern | Normal | Normal | Normal | | Normal |
| Southern | Normal | | Normal | | Normal |

Notes:

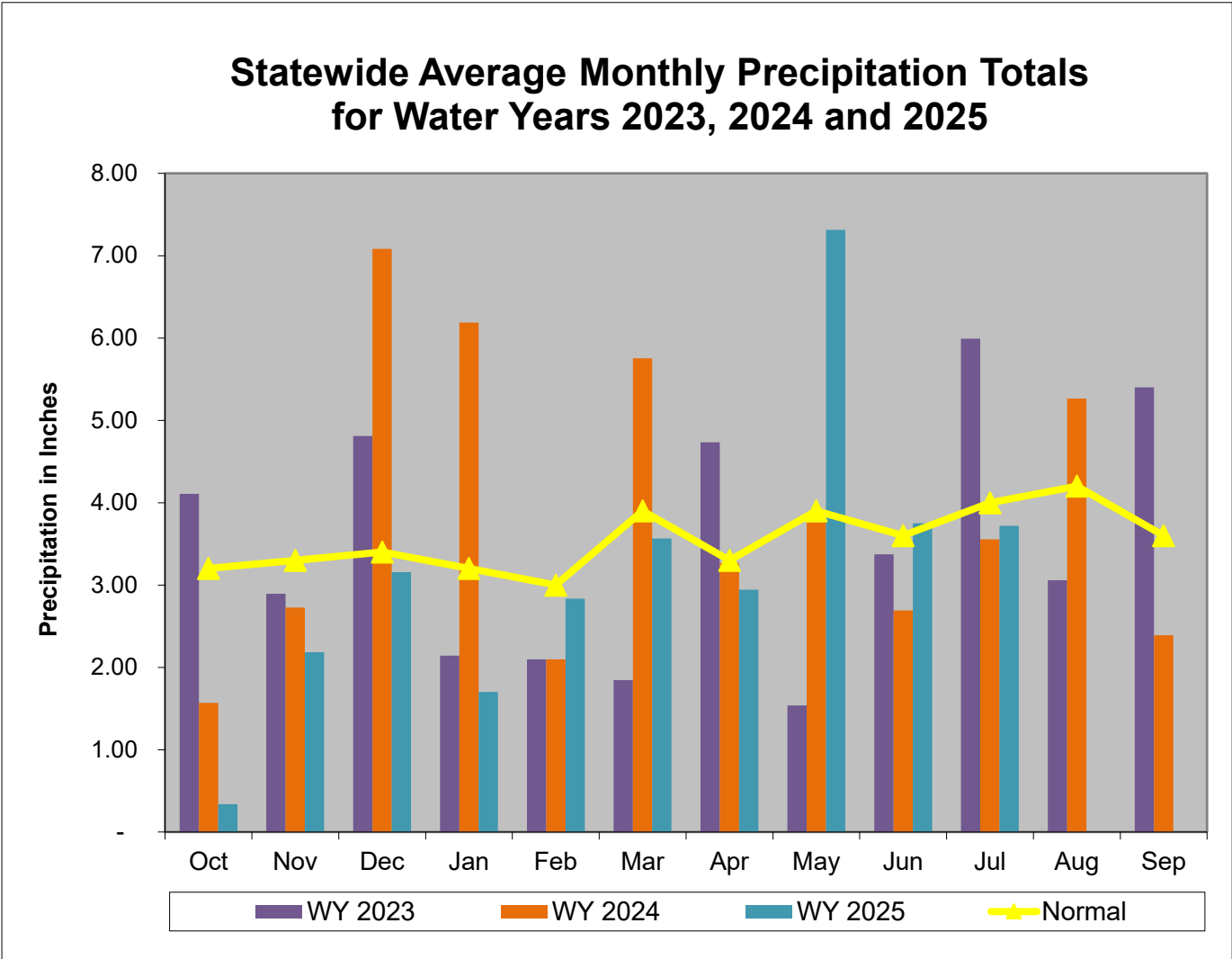
WSSC has lifted their Drought Watch as of June 20th 2025:

<https://www.mwcog.org/newsroom/2025/06/20/cog-lifts-regional-drought-watch-/>

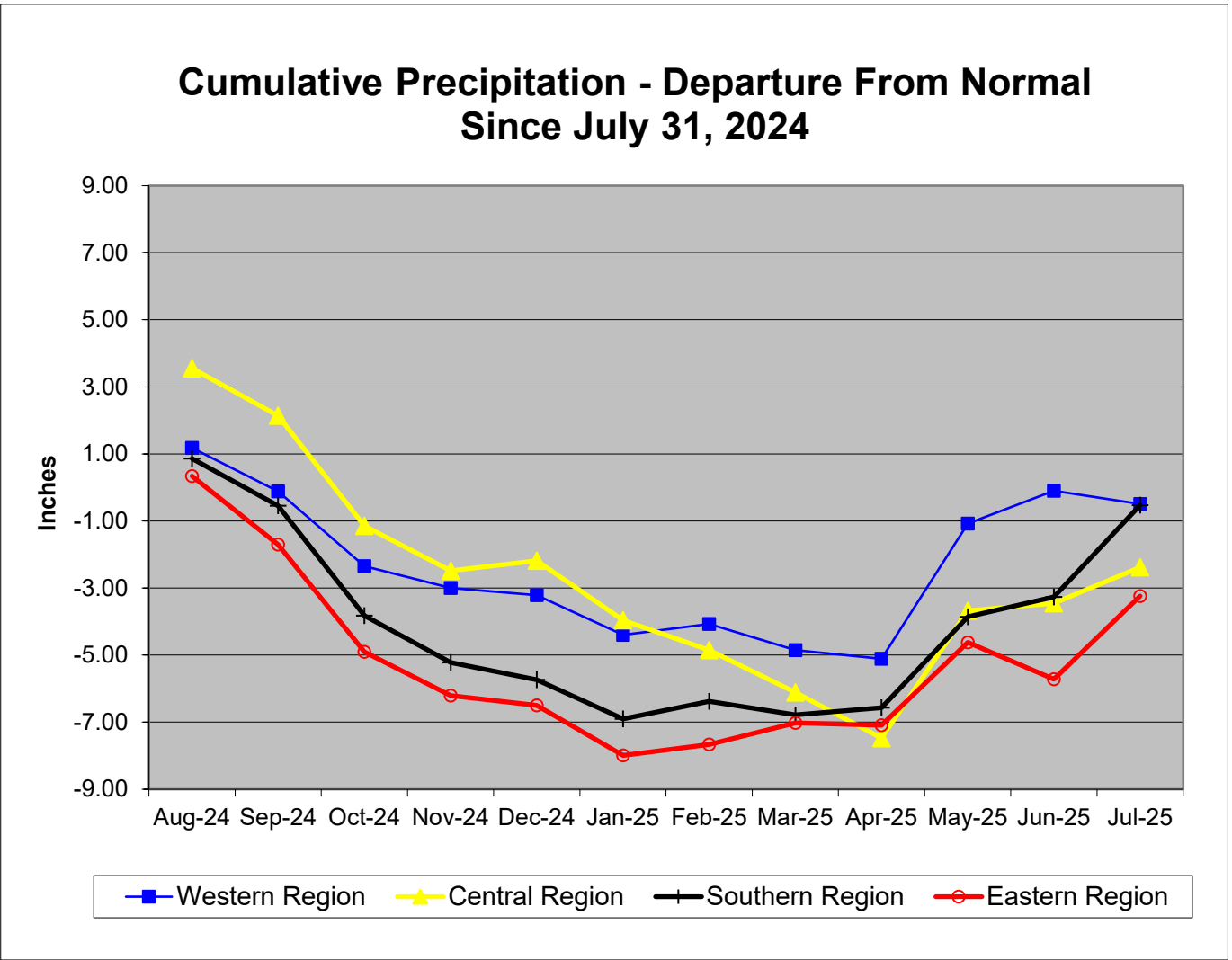
Baltimore DPW Removed Drought Watch lifted as of June 30th 2025:

<https://publicworks.baltimorecity.gov/news/press-releases/2025-06-30-voluntary-water-restrictions-lifted-baltimore-region-following-record>

| Precipitation Indicators for Maryland Drought Regions | | | | | | |
|---|---------------------|-----------|------------------------|-----------|---------------------|-----------|
| July 15, 2025 | | | | | | |
| | Since Sept 30, 2024 | | Since January 31, 2025 | | Since July 31, 2024 | |
| Regions | Percent of Normal | Condition | Percent of Normal | Condition | Percent of Normal | Condition |
| Western | 99% | Normal | 119% | Normal | 99% | Normal |
| Central | 87% | Normal | 108% | Normal | 94% | Normal |
| Eastern | 95% | Normal | 124% | Normal | 92% | Normal |
| Southern | 100% | Normal | 132% | Normal | 99% | Normal |
| WY or Water Year begins on October 1. | | | | | | |



Data obtained from: [http://www.weather.gov/marfc/Precipitation Departures](http://www.weather.gov/marfc/Precipitation_Departures)



Precipitation in Maryland Counties as of 15 July 2025 (WY 2025)

| | | Normal Rainfall, Actual Rainfall and Rainfall Departure from Normal in Inches | | | | | | | | | | | | | | | |
|-------------------------------|------------------|---|--------|--------|------|--------------------------------------|--------|--------|------|--------------------------------------|--------|--------|------|--|--------|--------|------|
| | | WY ¹ To Date (Since September 30, 2024) | | | | 11.5 Months (Since July 31, 2024) | | | | 2.5 Months (Since April 30, 2025) | | | | 5.5 Months (Since January 31, 2025) | | | |
| | COUNTY | Normal | Actual | Depart | % | Normal | Actual | Depart | % | Normal | Actual | Depart | % | Normal | Actual | Depart | % |
| WESTERN REGION | ALLEGANY | 30.4 | 29.0 | -1.4 | 95% | 37.1 | 38.1 | 1.0 | 103% | 9.6 | 16.2 | 6.6 | 169% | 19.0 | 22.9 | 3.9 | 121% |
| | GARRETT | 36.4 | 37.8 | 1.4 | 104% | 43.8 | 44.5 | 0.7 | 102% | 11.8 | 17.0 | 5.1 | 143% | 22.9 | 25.3 | 2.4 | 111% |
| | WASHINGTON | 33.3 | 32.1 | -1.1 | 97% | 41.4 | 38.2 | -3.2 | 92% | 9.1 | 11.2 | 2.1 | 123% | 19.9 | 25.2 | 5.4 | 127% |
| | Regional Average | 33.4 | 33.0 | -0.4 | 99% | 40.8 | 40.3 | -0.5 | 99% | 10.2 | 14.8 | 4.6 | 145% | 20.6 | 24.5 | 3.9 | 119% |
| CENTRAL REGION | BALTIMORE COUNTY | 35.4 | 30.2 | -5.2 | 85% | 43.1 | 40.5 | -2.5 | 94% | 10.2 | 15.8 | 5.5 | 154% | 20.9 | 22.4 | 1.5 | 107% |
| | CARROLL | 33.6 | 28.1 | -5.5 | 84% | 41.3 | 39.1 | -2.2 | 95% | 9.9 | 14.6 | 4.7 | 147% | 20.1 | 20.6 | 0.5 | 102% |
| | CECIL | 34.5 | 30.5 | -4.0 | 88% | 42.5 | 36.5 | -5.9 | 86% | 10.1 | 13.1 | 3.0 | 129% | 20.5 | 22.9 | 2.4 | 112% |
| | FREDERICK | 32.9 | 27.6 | -5.3 | 84% | 40.2 | 38.0 | -2.2 | 95% | 10.0 | 15.2 | 5.2 | 152% | 20.0 | 20.6 | 0.7 | 103% |
| | HARFORD | 35.1 | 30.6 | -4.6 | 87% | 43.2 | 38.4 | -4.8 | 89% | 10.4 | 15.5 | 5.1 | 149% | 20.9 | 22.7 | 1.9 | 109% |
| | HOWARD | 34.7 | 31.0 | -3.7 | 89% | 42.1 | 42.7 | 0.6 | 101% | 10.3 | 16.6 | 6.3 | 161% | 20.8 | 23.0 | 2.2 | 111% |
| | MONTGOMERY | 33.1 | 29.6 | -3.5 | 90% | 40.5 | 40.9 | 0.4 | 101% | 10.2 | 16.2 | 6.0 | 159% | 20.1 | 22.1 | 2.0 | 110% |
| | Regional Average | 34.2 | 29.7 | -4.5 | 87% | 41.8 | 39.5 | -2.4 | 94% | 10.2 | 15.3 | 5.1 | 150% | 20.5 | 22.0 | 1.6 | 108% |
| SOUTHERN REGION | ANNE ARUNDEL | 33.2 | 32.4 | -0.8 | 98% | 40.5 | 41.1 | 0.6 | 101% | 9.9 | 16.1 | 6.2 | 163% | 19.9 | 25.1 | 5.1 | 126% |
| | CALVERT | 34.1 | 34.2 | 0.0 | 100% | 41.7 | 40.4 | -1.4 | 97% | 10.3 | 16.0 | 5.7 | 156% | 20.6 | 27.4 | 6.8 | 133% |
| | CHARLES | 32.7 | 32.6 | -0.1 | 100% | 40.2 | 38.6 | -1.6 | 96% | 9.8 | 15.9 | 6.1 | 162% | 19.6 | 25.8 | 6.2 | 132% |
| | PRINCE GEORGES | 33.0 | 32.2 | -0.8 | 98% | 40.2 | 40.5 | 0.3 | 101% | 9.9 | 16.0 | 6.1 | 161% | 19.7 | 25.0 | 5.3 | 127% |
| | ST MARYS | 33.6 | 35.4 | 1.8 | 105% | 41.4 | 40.9 | -0.5 | 99% | 9.8 | 15.9 | 6.1 | 162% | 20.1 | 28.6 | 8.5 | 142% |
| | Regional Average | 33.3 | 33.3 | 0.0 | 100% | 40.8 | 40.3 | -0.5 | 99% | 10.0 | 16.0 | 6.0 | 161% | 20.0 | 26.4 | 6.4 | 132% |
| EASTERN REGION | CAROLINE | 33.3 | 31.6 | -1.7 | 95% | 41.2 | 37.1 | -4.0 | 90% | 9.7 | 12.6 | 2.9 | 130% | 20.0 | 24.4 | 4.5 | 122% |
| | DORCHESTER | 34.0 | 33.8 | -0.2 | 100% | 41.6 | 39.1 | -2.5 | 94% | 10.0 | 13.9 | 3.9 | 139% | 20.5 | 26.7 | 6.2 | 130% |
| | KENT | 33.4 | 30.0 | -3.4 | 90% | 41.1 | 35.1 | -6.0 | 85% | 9.9 | 13.3 | 3.4 | 134% | 20.1 | 22.8 | 2.8 | 114% |
| | QUEEN ANNES | 33.3 | 30.6 | -2.7 | 92% | 40.9 | 36.2 | -4.8 | 88% | 9.8 | 13.2 | 3.5 | 136% | 20.0 | 23.4 | 3.5 | 117% |
| | SOMERSET | 32.6 | 33.5 | 0.8 | 103% | 40.7 | 39.4 | -1.4 | 97% | 9.1 | 12.6 | 3.6 | 139% | 19.6 | 26.6 | 6.9 | 135% |
| | TALBOT | 33.9 | 32.7 | -1.2 | 96% | 41.6 | 39.0 | -2.6 | 94% | 9.9 | 14.0 | 4.1 | 141% | 20.3 | 25.5 | 5.2 | 125% |
| | WICOMICO | 31.0 | 28.0 | -3.0 | 90% | 38.0 | 37.1 | -0.9 | 98% | 9.7 | 16.1 | 6.4 | 166% | 19.0 | 21.9 | 2.9 | 115% |
| | WORCESTER | 33.6 | 32.6 | -1.0 | 97% | 41.9 | 38.0 | -3.9 | 91% | 9.1 | 12.1 | 3.0 | 133% | 19.8 | 25.9 | 6.1 | 131% |
| | Regional Average | 33.1 | 31.6 | -1.5 | 95% | 40.9 | 37.6 | -3.2 | 92% | 9.6 | 13.5 | 3.8 | 140% | 19.9 | 24.6 | 4.7 | 124% |
| INDEPENDENT CITY OF BALTIMORE | | 35.4 | 30.2 | -5.2 | 85% | 43.1 | 40.5 | -2.5 | 94% | 10.2 | 15.8 | 5.5 | 154% | 20.9 | 22.4 | 1.5 | 107% |
| Statewide Average | | 33.6 | 31.5 | -2.1 | 94% | 41.2 | 39.2 | -2.1 | 95% | 9.9 | 14.8 | 4.8 | 149% | 20.2 | 24.1 | 3.9 | 119% |

WY¹ - USGS Water Year, which begins October 1

Stream Flow Status Based on Thirty Day Average for 2025 July 15

| Region | Stream Gage Location | Notes | Status Based on 30 Day Average | | |
|---------|--------------------------------------|-------|--------------------------------|------------|--------|
| | | | 30 Day Average (cfs) | Percentage | Status |
| Western | Youghiogheny (near Oakland) | | 311.6 | 80%-85% | Normal |
| Western | Savage River (near Barton) | | 27.5 | 55%-60% | Normal |
| Western | Wills Creek (near Cumberland) | | 348 | 90%-95% | Normal |
| Western | Marsh Run (at Grimes) | | 13.3 | 65%-70% | Normal |
| Central | Catoctin Creek (near Middletown) | | 72.8 | 85%-90% | Normal |
| Central | Monocacy (Jug Bridge near Frederick) | | 906 | 80%-85% | Normal |
| Central | Patuxent (near Unity) | | 44.8 | 80%-85% | Normal |
| Central | Deer Cr (at Rocks) | | 101.0 | 50%-55% | Normal |
| Eastern | Choptank (near Greensboro) | | 92.7 | 75%-80% | Normal |
| Eastern | Nassawango Creek (near Snow Hill) | | 7.0 | 35%-40% | Normal |
| | Susquehanna (at Marietta) | | 43,407 | 90%-95% | Normal |
| | Potomac (at Little Falls)(Adjusted) | | 14,871 | 90%-95% | Normal |

Notes:

| Ground Water Status for 15 July 2025 | | | | |
|---|-----------------------|---------------|-------------|---------|
| Region | USGS Well ID | Well Level[1] | Status | |
| Western | GA Bc 1 | 13.93 [3] | Normal | Normal |
| | AL Ah 1 | 4.08 [2] | Normal | |
| | WA Be 2 | 25.8 [2] | Normal | |
| | WA Bk 25 | 42.43 [3] | Normal | |
| | WA Ci 82 | 44.78 [2] | Normal | |
| Central | BA Dc 444 | 42.63 [3] | Emergency | Warning |
| | BA Ea 18 | 23.82 [2] | Watch | |
| | CL Ad 47 | 2.91 [3] | Normal | |
| | Fr Bd 96 | 19.62 [2] | Normal | |
| | Fr Df 35 | 56.41 [2] | Normal | |
| | HA Bd 31 | 12.02 [2] | Watch | |
| | HA Ca 23 | 8.38 [2] | Emergency | |
| | MO Cc 14 | 25.05 [2] | Normal | |
| Eastern | QA Cg 69 | 3.41 [2] | Normal | Normal |
| | WI Cg 20 | 6.65 [2] | Normal | |
| | MC51-01 | 13.40 [3] | Watch | |
| | SO Cf 2 | 3.12 [3] | Normal | |
| Southern | CH Bg 12 (unconfined) | 4.69 [3] | Normal | Normal |
| | CA Fd 54 (confined) | 245.99 [3] | On Trend[4] | |
| [1] - Measurement of water level as feet below land surface | | | | |
| [2] - Not Available as of 2025-07-17 | | | | |
| [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](#)

Reservoir Volumes and Storage for Drought Monitoring

For the End of June 2025

| <i>Water System</i> | <i>Reservoir</i> | <i>Percent Full*</i> | <i>Days of Storage**</i> |
|----------------------------|------------------------------|-----------------------------|---------------------------------|
| | | | |
| City of Frostburg | Piney | 100% | 435 |
| | | | |
| City of Cumberland | Lake Gordon | 100% | 411 |
| | Lake Koon | 95% | |
| | | | |
| City of Baltimore | Liberty | 98% | 344 |
| | Loch Raven | 99% | |
| | Prettyboy | 98% | |
| | Total | 99% | |
| | | | |
| WSSC | Tridelphia Reservoir | 95% | 185 |
| | Rocky Gorge/Duckett | | |
| | Seneca Creek Reserve | 99% | NA |
| | | | |
| All Potomac River Plants | Jennings-Randolph Reserve*** | 100% | NA |

* *Percent Full* is the ratio of current volume to the maximum usable volume in each reservoir as of the end of June 2025

** *Days of Storage* is the amount of days it would take to use current volume of reservoir (w/o recharge) based on average raw water withdrawals from similar time frame from previous three years.

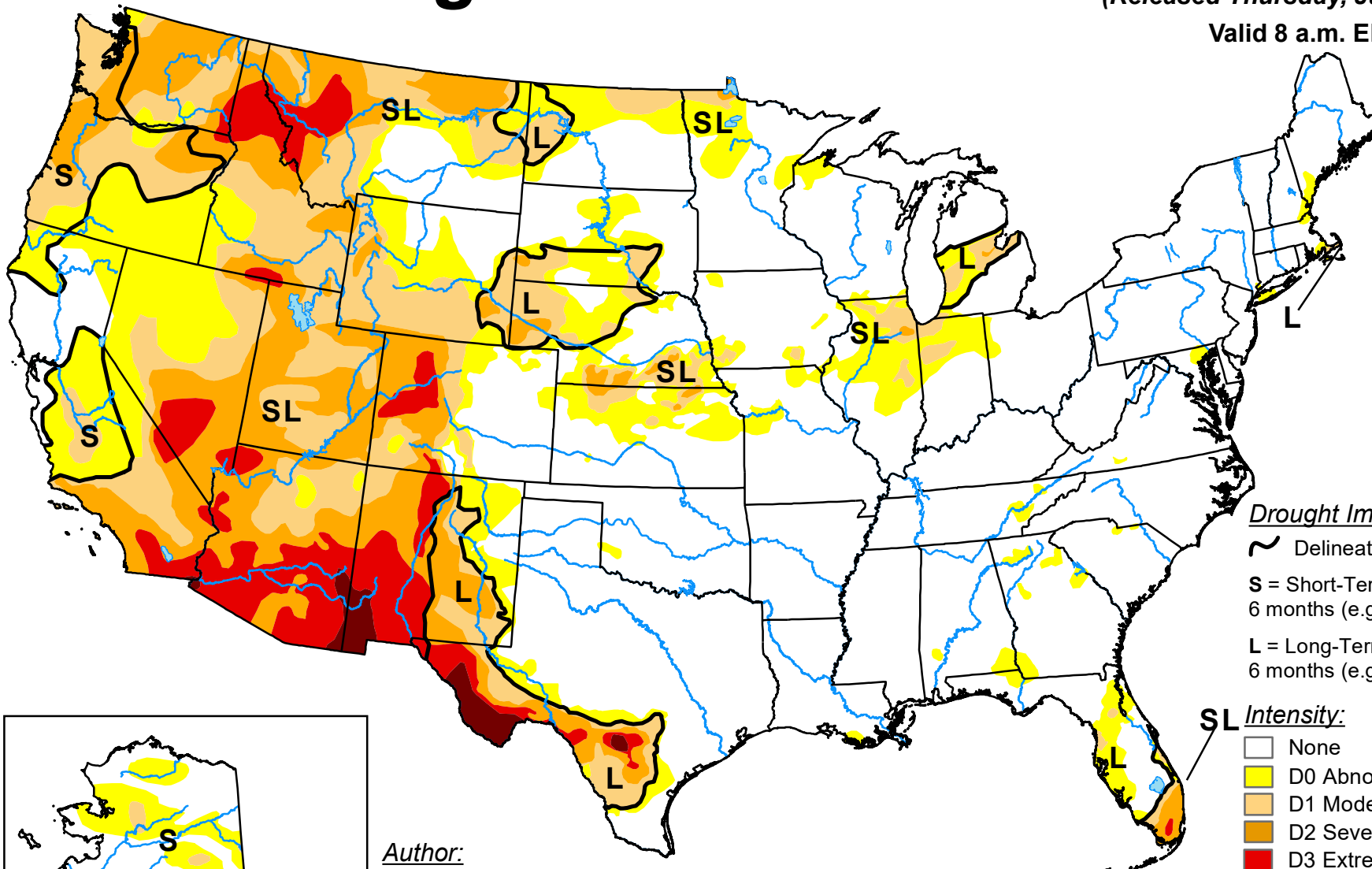
*** Percent full for Jennings-Randolph Reservoir is based on allotted amount of water in reservoir used to supplement Potomac River flow for drinking water purposes.

U.S. Drought Monitor

July 15, 2025

(Released Thursday, Jul. 17, 2025)

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)

SL Intensity:

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

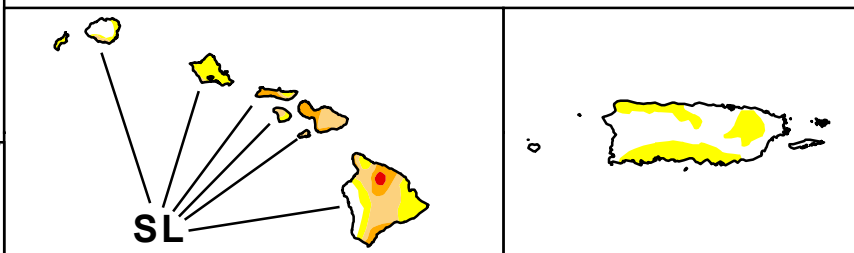
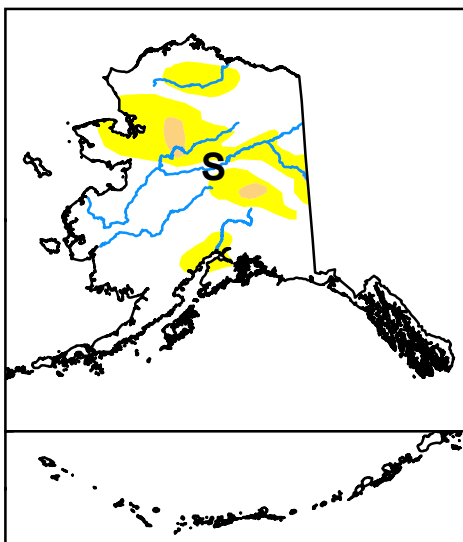
Author:

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National Drought Mitigation Center

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>

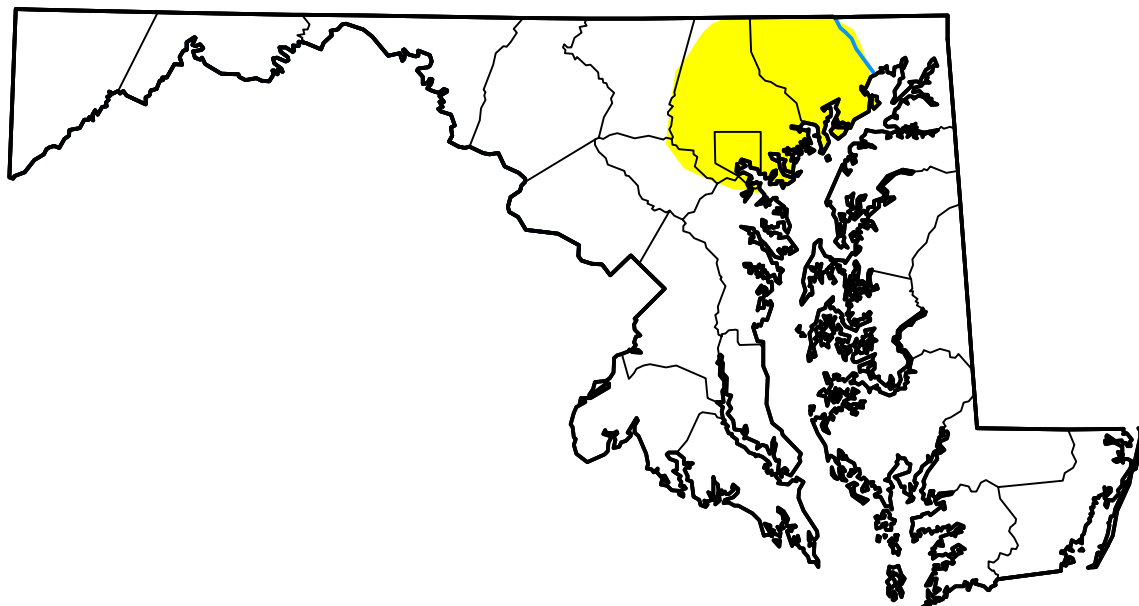


droughtmonitor.unl.edu



U.S. Drought Monitor Maryland

July 15, 2025
(Released Thursday, Jul. 17, 2025)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|--|-------|-------|-------|-------|-------|------|
| Current | 88.18 | 11.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| Last Week <i>07-08-2025</i> | 69.02 | 30.98 | 11.82 | 0.00 | 0.00 | 0.00 |
| 3 Months Ago <i>04-15-2025</i> | 19.36 | 80.64 | 65.36 | 43.03 | 0.00 | 0.00 |
| Start of Calendar Year <i>01-07-2025</i> | 1.19 | 98.81 | 95.30 | 51.57 | 0.00 | 0.00 |
| Start of Water Year <i>10-01-2024</i> | 18.77 | 81.23 | 21.65 | 9.89 | 4.07 | 0.00 |
| One Year Ago <i>07-16-2024</i> | 29.30 | 70.70 | 53.17 | 18.05 | 1.47 | 0.00 |

Intensity:

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

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>

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