Delaware River Basin Commission
DELAWARE • NEW JERSEY
PENNSYLVANIA • NEW YORK
UNITED STATES OF AMERICA

Delaware River Flow and Storage Data – May 2024

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Date	Delaware at Montague		Lehigh River		Delaware at Trenton		Schuylkill River		Salt Front		New York City	
	Flow (cfs)		Flow (cfs)		Flow (cfs)		Flow (cfs)		Daily River Mile	7-Day Average River Mile	Delaware River Basin Storage	
	8:00 AM	Mean	Lehighton	Bethlehem	8:00 AM	Mean	Pottstown	Philadelphia			(BG)*	Capacity
2024-05-01	5670	6020	1080	2210	10600	11000	1600	1970			264.7	99.0%
2024-05-02	6170	5770	1050	2030	10700	11100	1530	1900			264.8	99.00%
2024-05-03	4820	4800	916	1810	11600	11200	1450	1770			264.8	99.0%
2024-05-04	4310	4230	901	1640	10000	9720	1380	1680			264.4	98.9%
2024-05-05	3980	4180	994	1970	9220	9190	1640	1890			264.2	98.8%
2024-05-06	6230	6950	999	2070	9760	9760	1800	2470			264.2	98.8%
2024-05-07	7390	7310	928	1900	10700	11600	1670	2270			264.1	98.7%
2024-05-08	6580	6540	955	1830	12700	12500	1620	2060			263.9	98.70%
2024-05-09	6490	6370	921	1670	11600	11400	1460	2050			263.5	98.5%
2024-05-10	6120	6350	1010	2110	11100	11300	1800	1980			263.2	98.4%
2024-05-11	6580	6640	1300	2530	12400	12500	2400	3030			263.1	98.4%
2024-05-12	6120	6580	1390	2670	12900	12700	2140	2930			262.9	98.3%
2024-05-13	7120	7510	1370	2660	12700	12600	2350	2820			262.6	98.2%
2024-05-14	6970	6910	1230	2440	12900	12900	2330	2840			262.2	98.0%
2024-05-15	6350	6840	1270	2750	12900	12700	2750	3010			261.7	97.8%
2024-05-16	8740	8640	1290	2640	12700	12600	2740	3650			261.8	97.9%
2024-05-17	7640	7460	1240	2430	14400	14000	2270	2990			261.7	97.8%
2024-05-18	5930	6030	1330	2390	13300	12800	2100	2590			261.5	97.8%
2024-05-19	5340	5400	1010	2170	12000	11500	2030	2440			261.3	97.7%
2024-05-20	5060	5060	1000	1970	10500	10300	1890	2320			261.1	97.6%
2024-05-21	5140	4880	1050	2010	9870	9660	1750	2110			260.8	97.5%
2024-05-22	4560	4590	939	1890	9380	9250	1630	1930			260.4	97.4%
2024-05-23	4470	4510	1250	2200	9110	8890	1530	1770			259.9	97.2%
2024-05-24	4880	4710	1920	3090	10300	10200	1960	1830			259.6	97.1%
2024-05-25	4100	4040	1550	2600	10700	10200	1630	1980			258.9	96.8%
2024-05-26	3480	3550	1500	2490	9590	9180	1530	1700			258.3	96.6%
2024-05-27	3740	3630	1450	2590	8430	8400	1500	1870			257.7	96.4%
2024-05-28	6070	6300	1960	3420	9110	10100	1610	1800			257.4	96.2%
2024-05-29	6920	7280	2010	3520	13000	13000	1650	1850			257.7	96.4%
2024-05-30	6510	6450	1800	2990	14900	14500	1410	2020			257.5	96.3%
2024-05-31	5680	5600	1650	2770	13100	12600	1280	1650			256.9	96.1%
Observed Averages	5780	5840	1270	2370	11360	11270	1820	2230				
Longterm Averages		7240	1620	3030		14190	2280	3180	68			
Percent of Normal		80.7	78.4	78.2		79.4	79.8	70.1				

* As of June 1, 2018, the NYC Delaware reservoir statistics have been changed to reflect the 2016 USGS bathymetry tables.

Data Sources:
Flow Data - United States Geological Survey (USGS)
Salt Front Data - Specific Conductance Data (Source: USGS) at 4 stations is converted to chlorinity using a curve developed by USGS, and a log-linear interpolation is performed by the Delaware River Basin Commission (DRBC) to solve for a daily location based on the 250 mg/L isochlor. The daily location is averaged over the previous 7 days for the 7 day average.
NYC Storage Data - Water elevation data (source: Advanced Hydrologic Prediction Center) is converted to storage using curves determined by NYC.
Longterm Average Monthly Flows are taken by averaging longterm daily averaged over the entire month (data source: USGS)
ALL DATA IS PROVISIONAL AND SUBJECT TO CHANGE

Notes:
-During cold weather, ice effects on stage and discharge determinations at some stream-gaging stations are likely. Flow values reported on this report may be significantly higher or lower than actual streamflow. Revisions will be made as needed when adjusted data becomes available.
-The location of the salt front is estimated. The salt front river mile location will be updated as chloride data is received. DRBC does not track the salt front below river mile 54, however performs an experimental calculation to calculate the location below river mile 54. These locations, although not reported, are included in the monthly average location.
-Days when the location of the salt front cannot be calculated due a gap in data availability are reported as N/A
-The Reedy Island gage is currently inoperational; as such, the calculation of the location of the salt front is unavailable.

Questions may be directed to Amy Shallcross (Amy.Shallcross@drbc.gov)