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

Delaware River Flow and Storage Data – March 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
2024-03-01	9900	9390	2590	4910	19900	20200	3980	5340	64.27	67.65	248.4	92.9%
2024-03-02	7890	8110	2480	5260	20200	22500	4870	7710	65.03	67		nan%
2024-03-03	12300	12500	2810	6450	26200	25800	5630	11500	61.58	65.91	249.4	93.2%
2024-03-04	12500	12300	2700	5650	26900	26600	4870	7340	59.06	64.52	250.2	93.5%
2024-03-05	11200	11300	3460	6370	25200	25200	5340	6830	63.32	63.82	250.7	93.7%
2024-03-06	16200	16100	3310	6460	25400	26700	5590	8530	63.29	63.09	253.8	94.9%
2024-03-07	19900	21800	3720	6560	33900	34300	5090	8960	62.54	62.73	258.4	96.6%
2024-03-08	23000	21800	3540	6260	37700	38200	4610	7040	63.12	62.56	264.2	98.8%
2024-03-09	16700	16600	3160	6030	35100	34900	4870	6440	62.28	62.17	267.4	100.0%
2024-03-10	30900	35100	5560	12700	49000	52800	10800	19200	59.16	61.82	271.5	101.5%
2024-03-11	35900	34000	5090	10000	68100	65900	8610	12300			273.6	102.3%
2024-03-12	26700	25700	3860	7700	55400	52400	6650	9400	46.05	59.97	273	102.1%
2024-03-13	21900	21200	3250	6660	43100	41700	5450	7860	43.96	57.2	272	101.7%
2024-03-14	18500	17900	2690	5320	36400	35000	4410	6200	42.04	54.16	271.1	101.4%
2024-03-15	15800	15500	2350	4790	31400	30100	3870	5240	40.73	51.05	270.7	101.2%
2024-03-16	14100	13800	1910	4020	27500	26800	3530	4730	40.38	47.8	269.8	100.9%
2024-03-17	12700	12000	1800	3690	24100	23700	3200	4220	41.4	44.82	269.2	100.7%
2024-03-18	11200	11100	1700	3480	21400	20900	2870	3860	42.64	42.46	268.9	100.5%
2024-03-19	10100	9810	1630	3190	19500	19200	2460	3290	59.94	44.44	268.6	100.4%
2024-03-20	9210	8660	1590	3060	17900	17500	2510	3110	63.32	47.21	267.9	100.2%
2024-03-21	8210	8100	1540	2890	16700	16100	2390	3080	63.79	50.31	267	99.8%
2024-03-22	7670	7590	1460	2720	15200	15000	2240	2960	64.52	53.71	266.1	99.5%
2024-03-23	7740	10100	1940	4540	14900	24500	4600	13700	64.02	57.09	265.4	99.2%
2024-03-24	25500	23400	3420	6330	35900	38400	5500	14000	61.04	59.9	268.2	100.3%
2024-03-25	17900	17000	3170	5560	42500	40300	4270	7080	61.25	62.55	268.8	100.5%
2024-03-26	14000	13700	2470	4940	32200	31000	3790	5690	61.84	62.83	269	100.6%
2024-03-27	12600	12500	2150	4340	26600	26100	3570	5100	58.91	62.2	268.9	100.5%
2024-03-28	12800	12700	2130	4190	26000	25600	3460	5760	53.99	60.8	269.3	100.7%
2024-03-29	12300	12000	2120	3860	24500	24100	2900	4810	52.24	59.04	269.2	100.7%
2024-03-30	11500	11300	1530	3290	22500	22000	2590	3960	54.36	57.66	269	100.6%
2024-03-31	10300	10100	1320	2780	20500	19900	2550	3700	54.14	56.68	268.8	100.5%
Observed Averages	15390	15260	2660	5290	29740	29790	4420	7060	56.5	57.8		
Longterm Averages		9870	1830	3790		20250	3160	4870	70			
Percent of Normal		154.6	145.4	139.6		147.1	139.9	145	80.7			

* 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 months (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

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