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

Delaware River Flow and Storage Data – January 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
2024-01-01	12800	12600	2240	4840	29000	28300	3240	4880	47.47	43.12	267.2	99.9%
2024-01-02	11500	11300	2320	4450	25300	24700	2940	4360	57.7	44.32	266.6	99.7%
2024-01-03	10200	10100	2340	4560	22800	22500	2760	3960	63.12	46.06	265.8	99.4%
2024-01-04	9600	9530	1830	3710	21000	20400	2560	3600	64.44	48.41	264.9	99.0%
2024-01-05	9080	8960	1640	3320	18900	18600	2290	3280	66.36	52.69	264	98.7%
2024-01-06	8410	8180	1530	3050	17500	17400	2050	3150	67.3	57.59	263	98.3%
2024-01-07	8310	8160	1590	3220	17500	17600	2770	5750	68.89	62.18	262.4	98.1%
2024-01-08	8340	8280	1620	3160	17300	17300	2680	5830	68.57	65.2	261.9	97.9%
2024-01-09	8410	8770	2090	4530	17100	20200	4760	7950	68.85	66.79	261.2	97.7%
2024-01-10	25000	29600	9260	27600	72000	81100	22300	45500	66.85	67.32	263.4	98.5%
2024-01-11	34400	32000	8960	15500	85300	82000	14900	22700	58.54	66.48	267.2	99.9%
2024-01-12	23300	22300	9190	14700	64600	61800	9410	13100	52.12	64.45	268.4	100.4%
2024-01-13	23100	27700	7130	16500	57400	59400	12300	15700	49.06	61.84	269.3	100.7%
2024-01-14	35500	33000	8440	14000	68900	68700	11300	15500	44.49	58.35		nan%
2024-01-15	24800	23700	7940	12400	62400	59200	7150	10700	47.55	55.35	270.4	101.1%
2024-01-16	19100	18700	5970	10500	47500	45700	5800	8450	45.41	52	269.9	100.9%
2024-01-17	16400	15800	3780	7810	38400	37200	4980	7270	40.5	48.24	269.2	100.7%
2024-01-18	13700	13300		6330	32100	30900	4110	6000	39.52	45.52	268.3	100.3%
2024-01-19	11800	11600	2550	5600	27700	26900	3610	5210	38.59	43.59	267.7	100.1%
2024-01-20	10800	10600		4630	24500	23900	3300	4730	43.22	42.75	266.9	99.8%
2024-01-21	10200	9730		4150	21500	21000	2980	4190	58.39	44.74	265.9	99.4%
2024-01-22	8660	8770		3540	20000	19000	2710	3820	64.23	47.12	264.6	98.9%
2024-01-23	9010	8800	1700	3340	18500	18100	2480	3500	62.94	49.63	263.8	98.6%
2024-01-24	8370	8370	1760	3350	17900	17700	2500	3450	64.32	53.03	262.8	98.3%
2024-01-25	10100	12000	2300	4020	17600	18800	3310	4840	65.34	56.72	262.8	98.3%
2024-01-26	20000	20900	3090	5400	23400	26700	4120	7950	65.22	60.52	265.2	99.2%
2024-01-27	24900	23400	3090	5430	35500	36500	3980	7160	64.79	63.6	268.4	100.4%
2024-01-28	19300	20100	3610	7370	37600	41900	5900	10900	64.15	64.43	269.9	100.9%
2024-01-29	23400	22900	4210	8720	45300	45300	7220	12200	59.7	63.78	270.8	101.2%
2024-01-30	19900	19100	3890	8310	44500	43100	6470	9610	55.83	62.76	270.8	101.2%
2024-01-31	15200	15000	2990	6220	37000	35500	5440	8190	56.6	61.66	270.8	101.2%
Observed Averages	15920	15910	3970	7430	35030	35080	5560	8820	57.4	55.5		
Longterm Averages		6220	1450	2790		13020	2240	3430	69			
Percent of Normal		255.8	273.8	266.3		269.4	248.2	257.1	83.2			

* 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

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