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

Delaware River Flow and Storage Data – December, 2019

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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
2019-12-01	4090	4380	717	1730	9440	9400	1470	1940	70.4	70.4	206.7	77.3%
2019-12-02	4560	5010	756	1980	10700	10600	2010	3970	75.6	73.0	207.5	77.6%
2019-12-03	4340	4740	747	1970	11300	11100	1840	3350	71.0	72.4	208.5	78.0%
2019-12-04	4920	4660	765	1840	10800	10500	1560	2620	71.3	72.1	209.3	78.3%
2019-12-05	3760	4180	681	1780	9820	9760	1530	2280	71.2	71.9	209.7	78.4%
2019-12-06	3580	4020	687	1680	9170	8970	1450	2090	71.3	71.8	210	78.5%
2019-12-07	3400	3840	618	1570	8690	8460	1370	1920	71.2	71.7	210.2	78.6%
2019-12-08	3200	3570	604	1470	8380	8080	1300	1780	71.4	71.9	210.2	78.6%
2019-12-09	2930	3080	588	1630	8070	8430	1520	2280	71.2	71.2	210.3	78.6%
2019-12-10	4440	5190	1100	2670	13300	12900	2420	6050	70.8	71.2	212.1	79.3%
2019-12-11	12000	12000	1950	3610	13500	14700	2780	5310	70.1	71.0	218	81.5%
2019-12-12	11200	11500	1560	3420	21700	21700	2400	4300	70.0	70.9	221.7	82.9%
2019-12-13	8470	8660	1240	2910	20000	19800	2160	3380	70.2	70.7	224.1	83.8%
2019-12-14	7840	8650	1450	3400	20800	19900	2690	4910	70.5	70.6	226.2	84.6%
2019-12-15	13200	13400	1600	3690	19300	19700	3140	5010	74.3	71.0	229.9	86.0%
2019-12-16	12900	12600	1610	3410	22400	22700	2830	4160	72.0	71.1	231.8	86.7%
2019-12-17	10100	10300	1870	3870	22900	23900	3990	7660	72.6	71.4	234.3	87.6%
2019-12-18	9670	9180	1570	3680	22200	21800	3500	7630	71.7	71.6	235.5	88.1%
2019-12-19		7550	1250	3020	18800	18300	2920	4720	67.9	71.3	236.5	88.4%
2019-12-20		6480	1110	2600	16500	15700	2500	3770	69.6	71.2	237	88.6%
2019-12-21		5400	972	2300	14500	13600	2200	3200	70.9	71.3	237.1	88.6%
2019-12-22		5020	944	2210	13000	12200	2050	2890	68.2	70.4	237.2	88.7%
2019-12-23	4900	4870	937	2190	10900	10800	1950	2710	67.7	69.8	237.3	88.7%
2019-12-24	5030	4950	980	2190	10400	10400	1850	2580	67.7	69.1	237.3	88.7%
2019-12-25	4660	4700	887	2120	10600	10500	1760	2430	68.1	68.6	237	88.6%
2019-12-26	4240	4310	860	2010	10000	9880	1670	2290	68.2	68.6	236.6	88.5%
2019-12-27	4090	4090	847	1980	9490	9490	1550	2150	68.3	68.4	236.2	88.3%
2019-12-28	4070	4170	818	1930	9320	9230	1510	2050	68.1	68.0	236	88.2%
2019-12-29	4560	5010	807	1870	9000	9020	1470	2000	68.0	68.0	235.9	88.2%
2019-12-30	4950	7070	968	2500	9760	10900	2260	2980	68.8	68.2	236.1	88.3%
2019-12-31	11900	12000	1280	3210	15500	17000	2970	5880	69.3	68.4	237.3	88.7%
Observed Averages	**6410**	**6600**	**1060**	**2470**	**13560**	**13530**	**2150**	**3560**	**70.2**	**70.6**		
Longterm Averages		**6550**	**1690**	**3060**		**13390**	**2290**	**3440**	**69**			
Percent of Normal		**100.8**	**62.7**	**80.7**		**101.0**	**93.9**	**103.5**	**101.7**			

* 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

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