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

Delaware River Flow and Storage Data –September, 2019

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

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
2019-09-01	1780	1810	797	1590	3550	3790	882	1020	72.2	72.2	205.3	76.8%
2019-09-02	1710	1740	544	1550	4160	4120	1410	1440	72.4	72.3	204.3	76.4%
2019-09-03	1550	1590	531	1350	4600	4650	1380	2260	72.3	72.3	203.4	76.0%
2019-09-04	2080	1860	519	1260	4570	4350	1180	1600	72.5	72.4	202.6	75.7%
2019-09-05	2220	1860	497	1150	3850	3890	944	1320	72.4	72.4	201.4	75.3%
2019-09-06	1950	1710	439	1040	3950	3900	902	1130	80.5	73.7	200	74.8%
2019-09-07	1840	1760	431	980	3990	3780	830	1110	81.3	74.8	199.3	74.5%
2019-09-08	2310	1730	425	961	3580	3540	794	1030	80.9	76.1	198.1	74.1%
2019-09-09	2270	1670	416	947	3550	3530	780	978	80.4	77.2	196.7	73.5%
2019-09-10	2040	1800	335	919	3640	3490	759	964	73.5	77.4	195.5	73.1%
2019-09-11	2260	1960	334	868	3550	3360	702	944	73.8	77.6	194	72.5%
2019-09-12	2320	2100	352	997	3380	3510	848	955	73.6	77.7	193.1	72.2%
2019-09-13	2360	2100	361	973	3780	3910	862	1280	74.6	76.9	192.1	71.8%
2019-09-14	1830	1980	362	928	3950	3830	736	1170	74.8	76.0	190.8	71.3%
2019-09-15	1730	1770	346	909	3750	3730	705	998	74.3	75.0	189.6	70.9%
2019-09-16	2130	1890	329	874	3510	3600	697	920	74.4	74.1	188.3	70.4%
2019-09-17	1910	1710	324	845	3420	3420	634	830	74.9	74.3	187.2	70.0%
2019-09-18	1880	1720	303	804	3510	3390	593	798	75.4	74.6	185.9	69.5%
2019-09-19	1810	1700	282	774	3290	3180	581	743	76.3	75.0	184.6	69.0%
2019-09-20	1590	1600	284	740	3160	3110	582	734	75.9	75.1	183.5	68.6%
2019-09-21	1630	1610	285	751	3040	3020	550	717	75.8	75.3	182.2	68.1%
2019-09-22	1670	1690	265	843	2950	2950	561	685	76.7	75.6	180.9	67.6%
2019-09-23	2100	1880	256	830	2980	3000	584	687	76.8	76.0	179.6	67.2%
2019-09-24	2170	1920	270	734	2980	3020	599	676	76.4	76.2	178.4	66.7%
2019-09-25	2490	2040	271	699	3190	3110	570	681	77.2	76.4	177.2	66.3%
2019-09-26	2260	1920	276	705	3160	3090	591	655	78.1	76.7	175.9	65.8%
2019-09-27	2910	2170	280	742	3350	3200	623	656	78.2	77.0	174.8	65.4%
2019-09-28	2770	2090	277	711	3260	3180	677	687	78.9	77.5	173.5	64.9%
2019-09-29	2390	2130	275	720	3580	3340	674	829	79.3	77.9	172.1	64.3%
2019-09-30	2190	2070	270	727	3450	3260	754	705	79.9	78.3	170.7	63.8%
Observed Averages	**2070**	**1850**	**360**	**930**	**3560**	**3510**	**770**	**970**	**76.1**	**75.5**		
Longterm Averages		**3290**	**920**	**1600**		**6620**	**1230**	**1730**	**76**			
Percent of Normal		**56.2**	**39.1**	**58.1**		**53.0**	**62.6**	**56.1**	**100.1**			

* 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 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 Anthony Preucil (Anthony.Preucil@drbc.gov)