

Delaware River Flow and Storage Data - July 2012 SUMMARY

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			Max Temp Degrees C Vincent Dam	a Salt Front River Mile	New York City Delaware River Basin Storage			
	8:00 AM	MEAN	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	771			722	70	BG	%CAP
1-Jul	2,410	2,250	456	1,090	7.2	4,170	4,160	908	771	722	29.4	70	250,108	92.3%		
2-Jul	2,340	2,320	498	1,070	7.4	4,020	4,030	798	771	722	28.5	70	248,882	91.9%		
3-Jul	2,410	2,240	513	1,100	7.3	4,020	3,950	692	771	684	29.2	71	247,998	91.6%		
4-Jul	2,120	2,000	510	1,080	6.8	4,020	4,070	605	771	667	30.2	71	247,120	91.2%		
5-Jul	2,260	2,070	490	1,140	7.1	4,020	3,910	685	771	659	30.7	71	246,241	90.9%		
6-Jul	2,230	2,070	472	1,080	7.0	3,850	3,710	615	771	646	30.7	71	245,357	90.6%		
7-Jul	2,520	2,190	655	1,020	6.9	3,820	3,670	574	771	633	31.6	71	244,339	90.2%		
8-Jul	2,230	2,120	710	1,280	7.1	3,750	3,700	583	771	732	29.6	71	243,344	89.8%		
9-Jul	2,280	2,220	501	1,280	7.2	4,270	3,960	692	771	695	28.9	72	242,326	89.5%		
10-Jul	2,140	2,160	440	962	6.9	4,020	3,830	639	771	631	29.1	72	241,383	89.1%		
11-Jul	2,150	2,060	443	930	6.9	3,680	3,640	559	771	598	29.2	72	239,750	88.5%		
12-Jul	1,980	1,860	434	914	7.1	3,550	3,550	522	771	591	29.7	73	238,656	88.1%		
13-Jul	1,910	2,160	424	886	7.1	3,550	3,430	508	771	584	28.0	73	237,549	87.7%		
14-Jul	2,240	1,960	421	894	7.1	3,200	3,180	578	771	572	27.0	73	236,342	87.3%		
15-Jul	1,880	1,810	445	965	7.3	3,320	3,520	624	771	563	28.4	73	235,271	86.9%		
16-Jul	2,210	1,980	529	1,270	7.4	3,610	3,550	1,840	771	803	28.7	73	234,778	86.7%		
17-Jul	2,410	2,310	499	1,250	7.3	3,650	3,660	1,100	771	828	29.7	73	233,744	86.3%		
18-Jul	2,370	2,160	444	1,130	6.9	3,820	3,720	800	771	674	30.7	74	232,581	85.9%		
19-Jul	1,940	1,800	431	1,030	7.0	3,890	4,010	625	771	650	28.0	74	231,490	85.5%		
20-Jul	1,880	1,900	474	1,520	7.3	4,240	4,160	1,870	771	949	25.9	74	230,545	85.1%		
21-Jul	2,640	2,410	700	1,210	8.0	4,760	4,420	1,560	771	946	24.3	74	229,641	84.8%		
22-Jul	1,960	1,920	701	1,330	7.6	3,990	4,110	1,190	771	842	25.4	74	228,534	84.4%		
23-Jul	1,980	1,880	479	1,240	7.2	4,460	4,280	924	771	723	28.1	75	227,375	84.0%		
24-Jul	1,810	1,910	415	916	7.3	3,890	3,690	761	771	863	28.2	75	226,559	83.7%		
25-Jul	2,340	2,140	405	865	7.3	4,240	4,240	818	771	660	28.5	75	225,513	83.3%		
26-Jul	2,050	1,950	410	992	7.0	4,020	4,040	601	771	579	28.8	75	224,644	82.9%		
27-Jul	2,320	2,330	462	1,140	7.2	4,170	4,200	686	771	718	28.4	76	224,104	82.7%		
28-Jul	2,960	2,850	770	1,060	7.0	4,100	4,340	753	771	772	29.1	76	223,399	82.5%		
29-Jul	3,020	2,990	885	1,790	7.8	5,520	6,290	1,260	771	749	27.1	76	223,261	82.4%		
30-Jul	4,590	4,600	653	1,590	7.8	6,430	6,320	1,180	771	1,110	27.1	77	222,802	82.3%		
31-Jul	3,990	3,870	624	1,590	7.9	5,900	6,410	1,150	771	962	27.0	77	222,150	82.0%		
Obs. July Avg	2,373	2,274	526	1,149	7.2	4,127	4,121	861	771	728	28.6					
Normal		2,576	728	1,433		6,154	6,154	1,388	771	1,059		72				
% of Normal		88.3%	72.2%	80.2%		67.0%	67.0%	62.1%	771	68.8%						

TODAY'S RESERVOIR OBSERVATIONS: July 31, 2012

New York City 24-hr, as of 8 am:						Lower Delaware Basin: July 31, 2012		
Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage (BG)=	82.0%	Vol. (BG)	%Capacity
					222.150			
					NYC Daily Storage Median (BG)=	232.432	85.8%	Blue Marsh 5.72 102.0
Neversink	0.00	24.817	71.0%	0	BG Below Daily Storage Median =	10.282	-4.42%	Beltville 13.98 100.4
Pepacton	0.00	125.975	89.9%	510	BG Above Drought Watch =	58.237		
Cannonsville	0.00	71.358	74.6%	0	BG Above Drought Warning =	74.237		
Rondout	0.00	47.723	96.2%	700	BG Above Drought =	98.237		
					BG Below One Year Ago =	26.264		

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)

Blue Marsh	0	Beltville	0	F.E. Walter	0	Merrill Cr.	0	Lake Wallenpaupack	0
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DATA SOURCES:

Storage data provided by New York City Department of Environmental Protection, Bureau of Water Supply.
 Chloride data provided by U.S. Geological Survey and Kimberly Clark Corporation.
 Lower Basin reservoir storage data provided by Philadelphia District Corps of Engineers.

NOTES:

- a Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
- b Releases from F.E. Walter are requested from the U.S. Army Corps of Engineers and are made from the reservoir's temporary drought storage.
- c Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
- d Percent of usable storage available.

BG=Billion Gallons; CFS=Cubic Feet per Second; Min DO= Minimum Dissolved Oxygen; MG= Million Gallons; Degrees C= Degrees Celsius
 ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE.

1. 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.
2. The salt front river mile location will be updated as chloride data is received.
3. Normal flow values represent the median of monthly means for 1971-2000, except for the Lehigh River at Lehigh. For Lehigh, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).