

## Delaware River Flow and Storage Data - September 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	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	BG			%CAP	
1-Sep	2,560	2,120	468	861	7.3	3,320	3,190	389	441	27.1	77	192,674	71.1%	
2-Sep	2,260	2,060	347	1,130	7.5	3,350	3,260	430	482	25.6	77	191,610	70.7%	
3-Sep	2,080	1,850	288	944	7.7	3,820	3,520	2,130	563	24.1	77	190,623	70.4%	
4-Sep	1,680	1,550	323	1,250	8.0	3,450	3,610	2,670	1,440	23.9	77	189,682	70.0%	
5-Sep	2,520	2,420	618	1,900	8.2	4,130	4,660	2,600	430	25.6	77	188,837	69.7%	
6-Sep	2,740	2,360	573	1,740		10,800	10,200	1,600	991	24.5	77	188,153	69.5%	
7-Sep	2,640	2,420	527	1,560		7,560	7,410	1,340	726	26.5	77	187,241	69.1%	
8-Sep	2,600	2,430	507	1,250		5,990	5,890	985	665	26.5	77	186,372	68.8%	
9-Sep	2,490	2,170	574	1,430		5,270	5,470	1,290	860	24.8	77	185,775	68.6%	
10-Sep	2,100	2,070	479	1,200		5,520	5,390	1,290	792	22.7	76	184,937	68.3%	
11-Sep	1,780	1,740	408	1,070	8.4	4,570	4,500	1,000	577	22.6	76	183,888	67.9%	
12-Sep	1,780	1,750	387	953	8.3	4,130	3,970	746	511	23.1	75	182,848	67.5%	
13-Sep	2,210	2,020	376	923	8.2	3,580	3,530	660	490	23.5	75	181,840	67.1%	
14-Sep	2,010	1,830	312	814	8.0	3,420	3,430	627	474	23.6	75	180,778	66.7%	
15-Sep	1,940	1,790	263	696	8.2	3,610	3,510	614	464	22.8	74	179,718	66.4%	
16-Sep	1,520	1,530	246	624	8.3	3,290	3,180	620	462	22.4	74	178,598	65.9%	
17-Sep	1,570	1,580	242	608	8.1	2,980	2,990	611	451	21.8	74	177,479	65.5%	
18-Sep	1,460	1,960	1,890	2,380	7.5	2,860	2,960	1,200	843	21.0	74	176,644	65.2%	
19-Sep	9,720	15,100	4,180	11,300	8.4	6,520	17,500	8,150	8,190	19.8	74	182,995	67.6%	
20-Sep	12,400	12,200	3,660	6,540	9.7	26,200	29,700	7,050	4,980	19.2	75	184,487	68.1%	
21-Sep	7,570	7,450	3,200	6,040	10.0	23,900	22,800	4,080	2,820	19.3	75	184,887	68.3%	
22-Sep	5,790	5,740	1,600	3,150	9.5	17,300	15,900	2,660	1,610	20.6	75	184,662	68.2%	
23-Sep	5,180	5,200	1,470	2,760	9.3	12,400	12,000	1,930	1,390	19.8	74	184,709	68.2%	
24-Sep	4,350	4,180	1,260	2,490	9.6	10,700	10,500	1,650	1,120	18.8	74	184,522	68.1%	
25-Sep	3,150	3,280	778	1,830	9.6	9,670	9,110	1,400	919	18.5	73	184,198	68.0%	
26-Sep	2,720	2,890	786	1,640	9.6	7,320	7,100	1,190	813	19.2	73	183,630	67.8%	
27-Sep	2,520	2,600	774	1,650	9.5	6,520	6,350	1,130	774	19.7	73	183,071	67.6%	
28-Sep	2,450	2,670	788	1,750	9.3	6,250	6,180	1,150	908	20.3	73	182,755	67.5%	
29-Sep	4,270	4,770	786	1,690	9.3	6,120	6,260	1,280	1,010	19.1	73	183,554	67.8%	
30-Sep	5,310	5,130	700	1,510	9.4	6,430	6,940	1,330	888	18.1	73	184,329	68.1%	
Obs. Sept. Avg.	3,446	3,562	960	2,123	8.7	7,366	7,700	1,793	1,264	22.2				
Normal		2,166	436	1,154		4,999	1,102	929			79			
% of Normal		164.5%	220.3%	183.9%		154.0%	162.7%	136.1%						

### TODAY'S RESERVOIR OBSERVATIONS: September 30, 2012

New York City 24-hr, as of 8 am:

	Precip	Usable	Storage	Draft	Directed Rel	NYC Daily Storage (BG) =	184.329	68.1%	Lower Delaware Basin: September 30, 2012		
	(IN.)	(BG)	(%)	(MG)	(MG)				Vol. (BG)	%Capacity	
Neversink	0.00	30.137	86.3%	0	0	NYC Daily Storage Median (BG)	179.031	66.1%	Blue Marsh	5.63	100.4
Pepacton	0.00	100.838	71.9%	493	0	BG Above Daily Storage Median	5.298	2.96%	Beltzville	13.94	100.1
Cannonsville	0.00	53.354	55.7%	0	0	BG Above Drought Watch =	73.459				
Rondout	0.04	47.582	95.9%	599	0	BG Above Drought Warning =	89.459				
						BG Above Drought =	113.459				
						BG Below One Year Ago =	84.991				

### TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)

Blue Marsh	0	Beltzville	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:

- <sup>a</sup> Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
- <sup>b</sup> 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.
- <sup>c</sup> Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
- <sup>d</sup> Percent of usable storage available.

BG=Billion Gallons; CFS=Cubic Feet per Second; DO= Dissolved Oxygen; MG= Million Gallons;  
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 Lehighton. For Lehighton, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).
4. Data not available for Glendon MIN/DO (MG/L) for September 6-11, 2012.
5. Data not available for Schuylkill River @ Pottstown (CFS) for September 5, 2012.