

Delaware River Flow and Storage Data - December 2012 SUMMARY

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C Vincent Dam	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-Dec	3,100	2,800	736	1,390		6,210	6,280	1,420	865	71	203.435	75.1%	
2-Dec	2,470	2,470	730	1,330		5,950	6,010	1,420	859	71	202.890	74.9%	
3-Dec	2,490	2,530	743	1,330		5,690	5,630	1,400	841	71	202.412	74.7%	
4-Dec	2,680	2,730	796	1,420		5,480	5,550	1,340	828	71	201.756	74.5%	
5-Dec	2,720	2,710	798	1,430		5,730	5,760	1,340	834	71	201.189	74.3%	
6-Dec	2,620	2,600	812	1,390		5,900	5,870	1,310	793	71	200.700	74.1%	
7-Dec	2,500	2,490	769	1,370		5,730	5,700	1,250	749	71	200.253	73.9%	
8-Dec	2,430	2,490	771	1,440		5,730	5,800	1,560	861	71	199.997	73.8%	
9-Dec	2,980	3,110	759	1,450		5,990	5,990	1,720	911	71	199.975	73.8%	
10-Dec	3,340	3,490	786	1,640		6,210	6,630	1,890	1,070	72	199.952	73.8%	
11-Dec	4,040	4,150	964	1,790		7,660	7,710	2,240	1,330	73	200.359	74.0%	
12-Dec	4,870	5,000	991	1,800		8,270	8,220	2,200	1,340	73	200.899	74.2%	
13-Dec	4,840	4,700	941	1,690		8,900	8,680	1,980	1,220	74	201.349	74.3%	
14-Dec	4,490	4,370	819	1,590		9,010	8,640	1,830	1,080	74	201.703	74.5%	
15-Dec	4,300	3,950	742	1,490		8,270	8,000	1,670	1,070	74	201.909	74.6%	
16-Dec	3,400	3,390	730	1,430		7,860	7,640	1,660	1,040	74	202.255	74.7%	
17-Dec	3,360	3,520	746	1,490		6,940	6,990	1,690	1,090	74	202.540	74.8%	
18-Dec	3,870	4,970	988	1,900		7,270	7,810	2,020	1,350	74	203.162	75.0%	
19-Dec	8,200	8,460	1,340	2,130		10,000	10,000	2,420	1,340	73	204.533	75.5%	
20-Dec	7,480	7,680	1,360	2,130		13,300	13,500	1,980	1,220	73	205.139	75.7%	
21-Dec	7,570	17,100	4,820	8,280		17,600	29,700	18,100	5,820	72	206.197	76.1%	
22-Dec	38,200	34,000	3,900	9,090		47,800	53,900	13,700	8,700	72	211.947	78.3%	
23-Dec	22,000	20,800	2,970	5,710		54,100	50,300	7,660	5,570	72	214.915	79.4%	
24-Dec	15,300	14,700	4,340	5,460		35,700	34,400	5,500	4,210	71	217.181	80.2%	
25-Dec	12,300	12,000	4,340	5,770		29,000	28,300	4,650	3,590	71	218.969	80.8%	
26-Dec	10,600	10,300	3,990	5,530		24,800	24,400	4,590	3,250	70	220.363	81.4%	
27-Dec	7,850	8,990	3,490	5,950		26,900	26,000	9,330	3,810	69	221.628	81.8%	
28-Dec	8,490	8,150	2,540	4,110		21,200	21,100	5,340	2,880	68	222.484	82.1%	
29-Dec	7,450	7,230	1,740	3,040		18,400	17,700	3,930	2,360	67	222.815	82.3%	
30-Dec	6,760	6,690	1,670	2,870		15,700	15,500	3,500	2,240	67	223.132	82.4%	
31-Dec	6,180	5,900	1,560	2,700		14,200	14,100	3,150	2,020	67	223.127	82.4%	
Obs. December Avg.	7,061	7,209	1,699	2,908		14,565	14,897	3,671	2,101				
Normal		4,917	1,351	2,757			11,310	3,090	2,133		74		
% of Normal		146.6%	125.8%	105.5%			131.7%	118.8%	98.5%				

TODAY'S RESERVOIR OBSERVATIONS: December 31, 2012

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

	Precip	Usable	Storage	Draft	Directed Rel	NYC Daily Storage (BG) =	82.4%	Lower Delaware Basin:		
	(IN.)	(BG)	(%)	(MG)	(MG)			Vol. (BG)	%Capacity	
						223.127				
						188.828	69.7%	Blue Marsh	4.24	99.0
Neversink	0.00	34.423	98.5%	157	0	BG Above Daily Storage Median	18.16%	Beltzville	13.98	100.4
Pepacton	0.00	109.916	78.4%	305	0	BG Above Drought Watch =				
Cannonsville	0.00	78.788	82.3%	304	0	BG Above Drought Warning =				
Rondout	0.00	46.326	93.4%	812	0	BG Above Drought =				
						BG Below One Year Ago =				
						39.719				

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

	Blue Marsh	Beltzville	F.E. Walter	Merrill Cr.	Lake Wallenpaupack
	0	0	0	0	0

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:

- Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
 - 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.
 - Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
 - 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.
- 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 salt front river mile location will be updated as chloride data is received.
 - 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).
 - Reporting of the minimum dissolved oxygen for the Lehigh River at Glendon and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2013.