

**Delaware River Flow and Storage Data -Summary October 2010**

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)	Philadelphia (CFS)	Pottstown (CFS)			BG	%CAP
1-Oct	20,800	48,600	7,840	23,100		18,400	40,400	52,600	16,900			85	162.645	60.1%	
2-Oct	53,900	46,700	2,490	7,370		95,600	90,700	18,100	8,770			84	181.508	67.0%	
3-Oct	20,200	19,000	4,710	6,050		54,800	51,500	6,130	3,750			83	187.394	69.2%	
4-Oct	13,300	12,900	5,190			32,400	31,100	3,600	2,410			81	190.377	70.3%	
5-Oct	11,500	13,100	6,560	8,170		25,600	26,400	4,250	3,370			78	193.518	71.5%	
6-Oct	18,000	17,000	6,510	8,920		28,000	29,600	6,230	3,220			77	196.502	72.6%	
7-Oct	12,900	12,900	5,490	7,210		32,500	31,100	3,850	2,470			72	198.544	73.3%	
8-Oct	10,000	9,940	4,420	5,880		25,400	24,800	2,730	1,880			69	200.278	73.9%	
9-Oct	8,130	8,080	3,750	4,440		20,500	19,800	2,050	1,480			68	201.654	74.5%	
10-Oct	6,820	6,780	2,960	3,980		16,700	16,500	1,680	1,230			68	202.715	74.8%	
11-Oct	5,930	6,130	2,590	3,640		14,600	14,300	1,420	1,060			67	203.361	75.1%	
12-Oct	4,790	5,820	1,470	2,870		13,200	13,100	1,480	1,230			67	203.934	75.3%	
13-Oct	5,980	6,220	1,330	2,350		11,700	11,400	1,880	1,140			66	204.214	75.4%	
14-Oct	5,230	5,540	1,140			11,300	11,300	1,640	996			67	204.672	75.6%	
15-Oct	5,280	5,700	1,290	2,360		11,100	11,000	2,870	1,330			67	205.080	75.7%	
16-Oct	5,710	6,300	1,220	2,140		11,100	11,000	2,050	1,070			67	206.638	76.3%	
17-Oct	8,160	7,940	1,170	2,000		10,700	10,800	1,500	878			68	208.280	76.9%	
18-Oct	6,840	6,250	1,080	1,910		12,100	12,200	1,270	782			69	209.251	77.3%	
19-Oct	4,770	4,850	892			11,500	11,100	1,430	1,040			69	209.898	77.5%	
20-Oct	4,200	4,310	873	1,620		9,090	8,870	1,740	1,060			70	210.530	77.7%	
21-Oct	3,850	3,820	843	1,580		8,190	7,970	1,500	921			70	210.453	77.7%	
22-Oct	3,470	3,520	744	1,470		7,580	7,360	1,340	803			70	210.253	77.6%	
23-Oct	3,210	3,240	728	1,380		6,630	6,550	1,180	704			70	209.962	77.5%	
24-Oct	2,980	2,960	719	1,330		6,400	6,280	1,080	674			70	209.567	77.4%	
25-Oct	2,820	2,900	636	1,290		5,820	5,790	1,030	637			70	209.079	77.2%	
26-Oct	2,740	2,800	639	1,370		5,520	5,490	950	682			70	209.873	77.5%	
27-Oct	3,230	3,370	1,370	1,840		5,780		1,170	998			70	211.148	78.0%	
28-Oct	5,470	5,760	1,650	2,590				1,760	1,890			70	213.375	78.8%	
29-Oct	5,180	5,040	1,460	2,290		10,500	10,500	1,930	1,360			70	214.208	79.1%	
30-Oct	4,270	4,190	1,140	1,990		10,600	10,200	1,550	1,130			70	214.415	79.2%	
31-Oct	3,800	3,810	1,080	1,840		8,710	8,510	1,410	1,020			70	214.490	79.2%	
Obs. October Avg.	8,821	9,531	2,387	4,035		18,067	18,814	4,303	2,158						
Normal		2,391	697	1,486			5,320	1,244	940			81			
% of Normal		398.6%	342.4%	271.5%			353.7%	345.9%	229.5%						

**TODAY'S RESERVOIR OBSERVATIONS: October 31, 2010**

New York City 24-hr, as of 8 am:						Lower Delaware Basin:			
Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)		NYC Daily Storage (BG)=		Vol. (BG)	%Capacity
						<b>214.490</b>	79.2%		
						NYC Daily Storage Median (BG)=	<b>147.470</b>	54.4%	
Neversink	0.00	27.339	78.2%	408	0	BG Above Daily Storage Median =	67.020	45.45%	Blue Marsh 4.89 102.7
Pepacton	0.00	114.363	81.6%	450	0	BG Abv Drought Watch =	104.490		Beltzville 12.17 93.6
Cannonsville	0.00	72.788	76.1%	299	0	BG Abv Drought Warning =	120.490		
Rondout	0.00	47.342	95.4%	822	0	BG Abv Drought =	144.490		
						BG Below One Year Ago =	<b>26.065</b>		

NOTE - Storage in Blue Marsh Reservoir is gradually being lowered to a winter storage level of 4.76 bg.

**TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): October 31, 2010**

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 Lehigh. For Lehigh, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).
  4. 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 2011.
  5. For the Delaware River at Trenton Mean there is no data reported for October 27-28, 2010 and no data reported for the 8:00 a.m. for October 28, 2010.