

**Delaware River Flow and Storage Data - November 2005 Summary**

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C Vincent Dam	<sup>a</sup> Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)			BG	%CAP
1-Nov	7,590	7,200	1,320	2,660		16,800	16,400	2,100	1,380		70	169.707	62.7%
2-Nov	6,740	6,540	1,160	2,480		15,100	14,800	1,850	1,280		70	171.132	63.2%
3-Nov	6,630	6,370	1,180	2,320		14,000	13,700	1,710	1,250		70	172.529	63.7%
4-Nov	5,610	5,610	869	1,990		12,800	13,000	1,650	1,170		69	173.728	64.1%
5-Nov	5,140	4,990	758	1,700		12,100	12,100	1,460	1,130		69	174.660	64.5%
6-Nov	4,390	4,440	678	1,680		11,200	11,300	1,490	1,100		68	175.573	64.8%
7-Nov	4,410	4,290	802	1,740		10,200	10,400	1,530	1,160		68	176.516	65.2%
8-Nov	4,270	4,190	949	1,750		10,100	10,000	1,550	1,110		68	177.167	65.4%
9-Nov	4,060	3,980	923	1,780		9,580	9,640	1,420	1,030		68	177.637	65.6%
10-Nov	4,980	4,810	1,040	1,920		9,750	9,730	1,390	1,070		68	178.475	65.9%
11-Nov	6,070	5,870	1,090	1,880		10,200	10,300	1,360	1,100		68	179.714	66.4%
12-Nov	5,660	5,160	1,040	1,810		10,800	11,100	1,380	976		68	180.413	66.6%
13-Nov	4,270	4,230	1,020	1,750		10,900	10,700	1,250	901		68	181.060	66.9%
14-Nov	3,920	3,760	891	1,690		9,530	9,430	1,220	877		69	181.531	67.0%
15-Nov	4,040	3,830	831	1,570		8,770	8,750	1,160	881		69	182.128	67.2%
16-Nov	4,340	4,510	671	1,740		8,190	8,490	1,220	958		69	182.727	67.5%
17-Nov	7,030	8,750	984	2,290		12,100	11,600	4,110	1,920		69	185.460	68.5%
18-Nov	11,000	10,400	1,240	2,240		14,100	15,500	3,110	1,660		69	188.270	69.5%
19-Nov	8,390	7,800	1,080	2,070		17,800	17,100	2,220	1,380		68	190.372	70.3%
20-Nov	6,320	6,260	1,050	1,930		14,700	14,200	1,880	1,260		68	192.018	70.9%
21-Nov	5,550	5,590	1,030	1,930		12,500	12,400	1,740	1,210		67	193.394	71.4%
22-Nov	6,660	6,110	1,270	2,750		13,200	13,900	4,000	2,280		67	194.620	71.9%
23-Nov	7,060	6,670	1,380	2,760		16,100	15,400	4,910	2,370		67	195.979	72.4%
24-Nov	6,600	6,130	1,310	2,570		14,900	14,600	3,280	1,810			197.065	72.8%
25-Nov	6,690	5,700	1,220	2,450		14,000	13,600	2,750	1,720		68	197.809	73.0%
26-Nov	5,900	5,080	975	2,060		12,800	12,600	2,390	1,540		68	198.415	73.3%
27-Nov	4,200	4,180	969	1,950		11,200	11,300	2,080	1,420		68	199.068	73.5%
28-Nov	4,150	3,980	976	1,920		10,200	10,200	1,970	1,380		69	199.756	73.8%
29-Nov	4,220	4,000	1,050	2,010		9,920	9,960	1,950	1,370		69	200.899	74.2%
30-Nov	11,400	15,000	3,980	6,600		18,600	18,600	7,830	3,970		69	206.391	76.2%
November Avg	5,910	5,848	1,125	2,200		12,405	12,360	2,265	1,422				
Normal		<b>4,336</b>	<b>1,282</b>	<b>2,301</b>			<b>10,440</b>	<b>2,363</b>	<b>1,745</b>		<b>80</b>		
% of Normal		134.9%	87.7%	95.6%			118.4%	95.9%	81.5%				

NYC 24-hr Reservoir Observations: November 30, 8 am						Directed Releases (cfs): November 30		Summary of NYC Storage Observations: November 30						
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	Beltzville	F.E. Walter	Merrill Cr	NYC Res.- Excess Bank	Lake Wallenpaupack	NYC Daily Storage (BG)=	206.391	76.2%
Neversink	1.10	30.487	87.3%	17	0	0	0	0	0	0	0	NYC Daily Storage Median (BG)=	166.093	61.3%
Pepacton	1.22	112.037	79.9%	0	0	0	0	0	0	0	0	BG Above NYC Daily Storage Median =	40.298	24.26%
Cannonsville	1.07	63.867	66.7%	0	0	0	0	0	0	0	0	BG Above Drought Watch =	96.391	
Rondout	1.74	48.274	97.3%	247	0	0	0	0	0	0	0	BG Above Drought Warning =	112.391	
						0	0	0	0	0	0	BG Above Drought =	136.391	
						0	0	0	0	0	0	BG Below One Year Ago =	<b>52.767</b>	
<b>Daily Usable Storage: November 30</b>														
							<b>VOL. (BG)</b>	<b>d%CAP</b>						
							Blue Marsh	4.93	103.6					
							Beltzville	13.22	101.7					

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.

<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

**NOTES:**

- 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 Lehigh. For Lehigh, 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 Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2006.
- Chloride data for the salt front river mile location was not available for November 24, 2005.