

Delaware River Flow and Storage Data - December 2006 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Max Temp		BG	%CAP
										Degrees C Vincent Dam			
1-Dec	7,080	7,620	1,810	3,540		16,900	17,000	3,750	2,570		66	270.220	99.8%
2-Dec	7,940	9,920	2,190	4,130		16,800	17,800	3,860	2,660		65	270.898	100.0%
3-Dec	11,000	11,100	2,260	3,920		18,400	19,900	3,700	2,440		64	270.708	100.0%
4-Dec	9,580	9,800	2,140	3,670		20,500	20,400	3,270	2,230		64	270.233	99.8%
5-Dec	8,650	8,740	1,830	3,390		18,400	18,500	3,030	2,100		64	269.921	99.7%
6-Dec	7,880	7,930	1,610	2,940		16,800	16,800	2,810	1,910		63	269.226	99.4%
7-Dec	7,200	7,300	1,370	2,680		15,900	15,700	2,670	1,860		63	268.612	99.2%
8-Dec	6,790	6,720	1,290	2,540		14,700	14,500	2,550	1,830		62	268.105	99.0%
9-Dec	5,930	6,010	1,070	2,650		13,800	13,700	2,420	1,680		63	267.423	98.7%
10-Dec	5,680	5,750	1,040	2,620		13,000	12,900	2,300	1,640		63	266.794	98.5%
11-Dec	5,630	5,570	1,070	2,470		12,500	12,400	2,270	1,610		64	265.945	98.2%
12-Dec	5,280	5,400	1,230	2,280		12,000	11,800	2,180	1,530		65	265.321	98.0%
13-Dec	5,310	5,210	1,210	2,340		11,600	11,500	2,170	1,530		66	264.528	97.7%
14-Dec	5,390	5,310	1,110	2,280		11,600	11,500	2,290	1,670		67	263.916	97.4%
15-Dec	5,490	5,370	1,110	2,160		11,200	11,200	2,310	1,570		68	263.150	97.2%
16-Dec	5,230	5,130	1,070	2,400		11,200	11,100	2,130	1,440		69	262.201	96.8%
17-Dec	4,970	4,880	1,020	2,370		11,100	11,000	2,000	1,370		69	261.424	96.5%
18-Dec	4,710	4,670	930	2,180		10,600	10,500	1,900	1,330		69	260.458	96.2%
19-Dec	4,740	4,600	866	1,820		10,200	9,980	1,770	1,300		69	259.610	95.9%
20-Dec	4,520	4,420	863	1,750		9,530	9,450	1,740	1,270		69	258.470	95.4%
21-Dec	4,300	4,330	752	1,670		9,140	9,130	1,670	1,220		69	257.306	95.0%
22-Dec	4,270	4,270	821	1,670		8,870	8,870	1,650	1,230		69	256.293	94.6%
23-Dec	4,570	4,910	1,040	3,260		11,800	12,900	6,170	3,020		69	255.566	94.4%
24-Dec	6,380	6,390	950	2,810		14,700	14,200	5,450	2,840		68	255.305	94.3%
25-Dec	6,100	5,970	982	2,570		13,600	13,600	3,940	2,360		68	254.867	94.1%
26-Dec	5,600	5,660	1,210	3,480		16,900	16,300	6,320	3,180		68	254.530	94.0%
27-Dec	7,020	7,050	1,310	3,110		15,600	15,200	5,540	3,520		68	254.672	94.0%
28-Dec	7,020	6,800	1,670	3,310		14,700	14,900	4,720	3,250		68	254.434	93.9%
29-Dec	6,320	6,130	1,120	2,930		14,900	14,700	4,070	2,590		67	254.257	93.9%
30-Dec	5,490	5,570	1,070	2,880		13,200	13,300	3,490	2,370		67	254.191	93.9%
31-Dec	5,410	5,330	1,050	2,810		12,500	12,400	3,250	2,240		67	254.298	93.9%
December Avg	6,177	6,254	1,260	2,730		13,634	13,649	3,142	2,044				
Normal		4,917	1,351	2,757			11,310	3,090	2,133		74		
% of Normal		127.2%	93.3%	99.0%			120.7%	101.7%	95.8%				

NYC 24-hr Reservoir Observations: December 31, 8 am						Directed Releases (cfs): December 31		Summary of NYC Storage Observations: December 31					
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	Beltzville	F.E. Walter	Merrill Cr	NYC Res.-Excess Bank	NYC Daily Storage (BG)=	254.298	93.9%
Neversink	0.00	33.573	96.1%	0	0	0	0	0	0	0	NYC Daily Storage Median (BG)=	188.828	69.7%
Pepacton	0.00	133.756	95.4%	453	0	0	0	0	0	0	BG Above NYC Daily Storage Median =	65.470	34.67%
Cannonsville	0.00	92.025	96.2%	0	0	0	0	0	0	0	BG Above Drought Watch =	128.404	
Rondout	0.00	47.553	95.8%	607	0	0	0	0	0	0	BG Above Drought Warning =	144.404	
						NYC Res.-Excess Bank	0	0	0	0	BG Above Drought =	168.404	
						^c Lake Wallenpaupack	0	0	0	0	BG Above One Year Ago =	9.286	
Daily Usable Storage: December 31													
							VOL. (BG)				^d%CAP		
						Blue Marsh	4.85				101.9		
						Beltzville	13.28				102.2		

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.
^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; 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 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 Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2007.