

Delaware River Flow and Storage Data - January 2006 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			^a 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)	Max Temp Degrees C Vincent Dam		BG	%CAP
1-Jan	11,600	11,200	2,370	4,480		25,800	25,300	4,720	3,390		69	247.668	91.4%
2-Jan	9,080	9,190	2,320	4,390		22,200	22,000	4,700	3,320		68	249.747	92.2%
3-Jan	9,550	9,530	3,580	8,030		31,700	31,800	15,300	6,780		68	251.727	92.9%
4-Jan	9,480	9,370	3,750	8,550		33,800	32,700	11,700	6,990		67	253.522	93.6%
5-Jan	8,010	8,110	3,290	6,900		28,300	27,400	8,670	5,760		66	254.615	94.0%
6-Jan	8,160	8,100	2,730	5,630		23,800	23,300	6,930	4,670		65	255.924	94.5%
7-Jan	7,690	7,530	2,270	4,620		21,600	21,100	5,600	3,790		63	256.995	94.9%
8-Jan	6,550	6,490	2,140	4,250		19,200	18,900	4,800	3,350		62	257.870	95.2%
9-Jan	6,100	6,050	2,030	3,970		17,100	17,000	4,360	3,010		61	258.668	95.5%
10-Jan	5,850	5,810	1,940	3,620		16,200	16,000	3,910	2,670		59	259.374	95.8%
11-Jan	5,790	5,840	1,930	3,510		15,200	15,300	3,640	2,520		57	260.118	96.0%
12-Jan	7,110	8,560	2,640	4,210		17,500	17,200	5,150	3,120		55	261.507	96.6%
13-Jan	12,200	11,800	2,900	4,540		18,300	19,700	4,570	2,820		55	263.900	97.4%
14-Jan	11,400	14,700	3,400	5,380		23,400	25,200	5,630	3,290		56	265.907	98.2%
15-Jan	36,200	33,400	3,700	5,840		31,200	36,300	6,810	3,680		55	272.884	100.8%
16-Jan	25,000	23,900	3,350	5,200		50,700	47,600	4,950	3,160		58	275.641	101.8%
17-Jan	20,600	19,400	3,250	4,990		36,800	35,700	4,310	2,960		59	276.484	102.1%
18-Jan	18,300	28,200	5,050	8,710		32,900	37,300	8,220	5,430		61	276.721	102.2%
19-Jan	66,500	58,500	6,540	12,400		68,700	74,400	14,300	9,390		60	281.750	104.0%
20-Jan	41,500	39,500	7,460	12,100		88,600	82,000	10,500	7,240		60	279.954	103.4%
21-Jan	30,100	28,900	6,480	9,790		61,900	59,000	7,800	5,430		58	278.358	102.8%
22-Jan	24,000	23,300	5,820	8,590		47,700	46,200	6,240	4,460		58	277.179	102.3%
23-Jan	20,200	19,800	5,560	8,710		41,800	41,700	9,590	5,120		<54	276.412	102.1%
24-Jan	18,000	17,700	4,480	7,950		40,100	38,700	8,840	5,080		<54	275.823	101.8%
25-Jan	15,900	15,600	3,120	5,690		33,800	32,900	6,850	4,590		<54	275.259	101.6%
26-Jan	13,700	13,500	2,880	5,120		29,100	28,700	5,970	4,130		<54	274.596	101.4%
27-Jan	12,300	11,900	2,520	4,660		25,800	25,500	5,080	3,490		57	274.084	101.2%
28-Jan	10,900	10,700	2,050	4,050		23,300	22,800	4,490	3,220		60	273.553	101.0%
29-Jan	10,200	10,200	2,040	3,980		21,100	21,000	4,300	3,120		62	273.292	100.9%
30-Jan	10,300	10,200	2,120	4,130		20,900	21,100	4,400	3,210		63	273.305	100.9%
31-Jan	10,400	11,700	2,270	4,140		21,000	21,200	4,240	2,770		64	273.611	101.0%
January Avg	16,215	16,086	3,419	6,069		31,919	31,774	6,664	4,257				
Normal		4,973	1,098	2,591			12,865	2,794	2,002		68		
% of Normal		323.5%	311.4%	234.2%			247.0%	238.5%	212.6%				

NYC 24-hr Reservoir Observations: January 31, 8 am						Directed Releases (cfs): January 31		Summary of NYC Storage Observations for January 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	273.611	101.0%	
Neversink	0.14	35.036	100.3%	0	0	Beltzville	0	NYC Daily Storage Median (BG)=	213.469	78.8%	
Pepacton	0.26	140.616	100.3%	0	0	^b F.E. Walter	0	BG Above NYC Daily Storage Median =	60.142	28.17%	
Cannonsville	0.30	97.959	102.4%	0	0	Merrill Cr	0	BG Above Drought Watch =	131.293		
Rondout	0.24	48.503	97.8%	413	0	NYC Res.- Excess Bank	0	BG Above Drought Warning =	147.293		
						^c Lake Wallenpaupac	0	BG Above Drought =	171.293		
								BG Above One Year Ago =	2.996		

Daily Usable Storage: January 31		
	VOL. (BG)	^d %CAP
Blue Marsh	4.79	100.6
Beltzville	13.18	101.4

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:**
- 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 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.