

Delaware River Flow and Storage Data - January 2007 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				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	^a Salt Front River Mile	BG	%CAP
										Degrees C Vincent Dam			
1-Jan	4,920	5,230	1,330	4,360		13,400	19,900	14,800	4,780		67	254.499	94.0%
2-Jan	7,020	7,240	1,340	4,240		21,200	20,100	11,100	4,710		66	254.705	94.0%
3-Jan	6,990	6,960	1,290	3,610		17,600	17,400	6,370	3,920		66	254.585	94.0%
4-Jan	6,290	6,280	1,480	3,370		16,700	16,500	5,640	3,890		65	254.355	93.9%
5-Jan	5,900	6,040	1,450	3,270		15,400	15,300	5,210	3,410		64	254.086	93.8%
6-Jan	7,080	8,170	1,560	3,700		14,900	15,000	4,840	3,170		63	254.927	94.1%
7-Jan	15,900	15,000	2,040	4,030		16,300	17,500	4,690	3,160		62	257.987	95.3%
8-Jan	12,800	15,900	2,870	5,970		32,600	31,800	12,100	5,520		59	260.024	96.0%
9-Jan	22,600	21,200	3,460	7,340		33,500	36,100	10,600	6,140		57	263.492	97.3%
10-Jan	16,500	16,000	3,290	6,850		37,800	36,300	8,190	5,500		55	265.318	98.0%
11-Jan	13,300	12,900	2,270	5,440		30,500	29,400	6,530	4,310		57	266.263	98.3%
12-Jan	10,500	10,700	1,920	4,370		24,800	24,100	5,230	3,660		59	266.796	98.5%
13-Jan	10,200	10,100	1,880	4,040		20,900	20,900	4,770	3,380		60	267.157	98.6%
14-Jan	10,100	10,200	1,830	3,890		20,100	19,900	4,660	3,230		62	267.930	98.9%
15-Jan	10,900	11,700	1,830	3,770		19,500	19,600	4,410	2,990		64	268.794	99.2%
16-Jan	18,000	18,200	1,850	3,690		20,300	21,000	4,040	2,720		65	271.547	100.3%
17-Jan	17,100	16,600	1,850	3,500		27,000	26,800	3,600	2,450		66	272.781	100.7%
18-Jan	13,700	13,600	1,540	3,110		24,900	24,400	3,200	2,210		66	272.887	100.8%
19-Jan	12,100	12,200	1,360	2,820		21,100	21,000	2,970	2,010		67	272.612	100.7%
20-Jan	11,200	11,100	1,290	2,700		19,400	19,300	2,920	1,950		67	272.034	100.4%
21-Jan	9,550	9,560	1,230	2,480		17,900	17,800	2,670	1,830		66	271.489	100.2%
22-Jan	8,320	8,370	1,210	2,460		16,300	16,200	2,560	1,770		66	270.879	100.0%
23-Jan	7,720	7,700	1,170	2,410		15,000	15,000	2,470	1,730		66	270.317	99.8%
24-Jan	6,900	7,080	1,080	2,220		14,200	14,100	2,410	1,670		66	269.600	99.5%
25-Jan	6,290	6,520	1,060	2,130		13,400	13,200	2,320	1,610		66	268.930	99.3%
26-Jan	6,100	6,290	900	1,900		12,500	12,200	2,140	1,510		66	268.031	99.0%
27-Jan	5,660	5,260	810	1,880		11,800	11,400	2,020	1,460		67	267.059	98.6%
28-Jan	4,820	4,820	846	1,890		10,700	10,600	2,020	1,480		68	266.411	98.4%
29-Jan	5,360	5,210	850	1,800		9,870	9,970	2,050	1,450		68	265.486	98.0%
30-Jan	5,490	5,130	860	1,800		10,000	9,860	1,930	1,360		69	264.396	97.6%
31-Jan	5,870	5,170	800	1,800		9,470	9,660	1,810	1,280		69	263.318	97.2%
January Avg	9,845	9,885	1,566	3,446		19,001	19,106	4,847	2,912				
Normal		4,973	1,098	2,591			12,865	2,794	2,002		68		
% of Normal		198.8%	142.6%	133.0%			148.5%	173.5%	145.4%				

NYC 24-hr Reservoir Observations: January 31, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Directed Releases (cfs): January 31		Summary of NYC Storage Observations for January 31		
						Blue Marsh	0	NYC Daily Storage (BG)=	263.318	97.2%
Neversink	0.01	32.862	94.0%	106	0	Beltzville	0	NYC Daily Storage Median (BG)=	213.469	78.8%
Pepacton	0.00	136.636	97.5%	349	0	^b F.E. Walter	0	BG Above NYC Daily Storage Median =	49.849	23.35%
Cannonsville	0.02	93.820	98.0%	134	0	Merrill Cr	0	BG Above Drought Watch =	121.000	
Rondout	0.02	47.055	94.8%	607	0	NYC Res.-Excess	0	BG Above Drought Warning =	137.000	
						Bank	0	BG Above Drought =	161.000	
						^c Lake	0	BG Below One Year Ago =	10.293	
						Wallenpaupack	0			

Daily Usable Storage: January 31		
	VOL. (BG)	^d %CAP
Blue Marsh	4.84	101.7
Beltzville	13.11	100.8

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:**
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 Lehighton. For Lehighton, 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 Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2007.