

Delaware River Flow and Storage Data - February 10, 2012

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)	3,320			63	BG	%CAP
1-Feb	8,680		1,940	4,170		19,900	19,600	4,500	3,320		63	256,481	94.7%		
2-Feb	8,320	8,570	1,610	3,810		18,700	18,700	4,050	2,800		64	256,005	94.3%		
3-Feb	8,580	8,470	1,390	3,320		17,800	17,800	3,620	2,560		65	255,360	94.3%		
4-Feb	7,940	7,660	1,260	2,970		17,200	17,100	3,350	2,390		66	254,411	93.9%		
5-Feb	6,870	7,120	1,220	2,830		16,100	15,900	3,200	2,280		67	253,366	93.5%		
6-Feb	6,520	6,690	1,190	2,710		15,000	15,000	3,100	2,150		68	252,124	93.1%		
7-Feb	6,670	6,390	1,150	2,650		14,400	14,200	2,850	1,980		69	251,347	92.8%		
8-Feb	5,850	5,590	1,120	2,570		13,800	13,700	2,720	1,920		69	250,557	92.5%		
9-Feb	5,490	5,260	1,110	2,480		12,800	12,700	2,720	1,900		69	249,946	92.3%		
10-Feb	5,020		1,020	2,410		12,000		2,700	1,850			249,132	92.0%		
11-Feb															
12-Feb															
13-Feb															
14-Feb															
15-Feb															
16-Feb															
17-Feb															
18-Feb															
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21-Feb															
22-Feb															
23-Feb															
24-Feb															
25-Feb															
26-Feb															
27-Feb															
28-Feb															
29-Feb															
February Avg	6,994	6,969	1,301	2,992		15,770	16,078	3,281	2,315						
Normal		5,706	1,318	3,002			13,840	4,032	2,739		68				
% of Normal		122.1%	98.7%	99.7%			116.2%	81.4%	84.5%						

TODAY'S RESERVOIR OBSERVATIONS:

New York City 24-hr, as of 8 am:						NYC Daily Storage (BG)=			Lower Delaware Basin:	
Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)		249.132	92.0%	Vol. (BG)	%Capacity	
Neversink	0.00	34.803	99.6%	156	0	216,379	79.9%	Blue Marsh	4.35	101.6
Pepacton	0.00	128.743	91.8%	483	0	BG Above Daily Storage Median =	15.14%	Beltzville	13.93	100.2
Cannonsville	0.00	85.586	89.4%	305	0	BG Above Drought Watch =				
Rondout	0.00	47.302	95.3%	824	0	BG Above Drought Warning =				
						BG Above Drought =				
						BG Above One Year Ago =				

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS):

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:

- 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 Lower Basin reservoir percentages are a percent of allocated storage, not total storage. More than 19.3 billion gallons of flood control is available in Beltzville and Blue Marsh reservoirs.
 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 2012.

DURING COLD WEATHER, ICE EFFECTS ON STREAMFLOW AT SOME STREAM-GAGING STATIONS ARE LIKELY. REPORTED DATA VALUES MAY BE SIGNIFICANTLY HIGHER OR LOWER THAN ACTUAL STREAMFLOWS.