

Delaware River Flow and Storage Data - May 18, 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	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	946	72			BG	%CAP
1-May	3,420	3,460	600	1,370		7,480	7,330	1,400		946		72	247,863	91.5%	
2-May	3,450	3,500	602	1,420		7,340	7,320	1,510		1,000		72	247,917	91.5%	
3-May	3,780	3,940	722	1,700		7,390	7,490	1,660		1,140		71	248,167	91.6%	
4-May	4,300	4,970	697	1,790		8,340	8,510	1,840		1,230		71	248,616	91.8%	
5-May	7,720	7,320	725	1,630		8,980	9,190	2,170		1,250		71	249,237	92.0%	
6-May	5,960	5,790	674	1,600		11,900	11,600	1,900		1,300		71	249,705	92.2%	
7-May	4,940	4,880	647	1,470		10,600	10,200	1,720		1,160		71	250,132	92.4%	
8-May	4,470	4,570	716	1,600		9,170	8,970	1,540		1,160		71	250,563	92.5%	
9-May	10,700	10,800	1,160	3,140		8,900	9,260	1,890		1,880		71	252,484	93.2%	
10-May	12,400	12,300	977	3,010		12,200	15,400	2,990		2,230		71	254,139	93.8%	
11-May	9,620	9,520	1,420	2,840		17,600	17,200	2,620		1,960		71	255,207	94.2%	
12-May	6,790	6,910	1,420	2,890		15,000	14,500	2,230		1,630		71	255,700	94.4%	
13-May	5,550	5,510	1,050	2,440		12,400	12,000	1,910		1,510		71	256,182	94.6%	
14-May	4,820	5,150	1,080	2,300		10,100	9,970	1,780		1,440		71	256,618	94.7%	
15-May	5,660	9,860	2,290	4,180		9,440	10,400	3,660		2,720		70	257,673	95.1%	
16-May	42,300	37,600	4,240	7,110		19,100	28,400	12,200		5,350		70	264,128	97.5%	
17-May	21,500	20,300	4,390	6,860		51,100	46,900	6,450		4,900		70	267,591	98.8%	
18-May	14,000		3,230	5,550		31,600		5,020		3,520			269,432	99.5%	
19-May															
20-May															
21-May															
22-May															
23-May															
24-May															
25-May															
26-May															
27-May															
28-May															
29-May															
30-May															
31-May															
Obs. May Avg	9,521	9,199	1,480	2,939		14,369	13,802	3,027		2,018					
Normal		6,861	1,578	2,760			13,645	2,783		2,073		64			
% of Normal		134.1%	93.8%	106.5%			101.2%	108.8%		97.4%					

TODAY'S RESERVOIR OBSERVATIONS:

New York City 24-hr, as of 8 am:						NYC Daily Storage (BG)=		99.5%		Lower Delaware Basin:	
Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)		269.432		99.8%	Vol. (BG)	%Capacity	
Neversink	0.00	34,788	99.6%	465	0	270.374		99.8%	Blue Marsh	5.61	100.1
Pepacton	0.00	139,455	99.6%	0	0	BG Below Daily Storage Median =	0.942	-0.35%	Beltzville	13.96	100.3
Cannonsville	0.00	95,189	99.5%	0	0	BG Above Drought Watch =	79,432				
Rondout	0.00	48,612	98.0%	811	0	BG Above Drought Warning =	95,432				
						BG Above Drought =	119,432				
						BG Below One Year Ago =	2,876				

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 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 Glendon and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2012.
 5. DRBC does not track the salt front below river mile 54.