

Delaware River Flow and Storage Data - April 2012 Summary

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)	1,120	1,100			71	BG	%CAP
1-Apr	2,900	3,010	589	1,330		6,130	6,080	1,720	1,120			71	244,372	90.2%		
2-Apr	3,250	3,480	600	1,340		6,130	6,170	1,590	1,100			71	244,444	90.3%		
3-Apr	3,740	3,670	568	1,290		6,670	6,620	1,500	1,040			71	244,374	90.2%		
4-Apr	3,270	3,210	542	1,210		6,950	6,800	1,360	955			71	244,053	90.1%		
5-Apr	2,940	2,880	499	1,150		6,440	6,310	1,240	899			71	243,758	90.0%		
6-Apr	2,680	2,650	466	1,070		5,740	5,660	1,120	840			72	243,490	89.9%		
7-Apr	2,540	2,510	459	1,000		5,270	5,190	990	813			72	243,124	89.8%		
8-Apr	2,370	2,370	454	977		4,910	4,860	1,010	803			72	242,864	89.7%		
9-Apr	2,300	2,290	453	976		4,710	4,620	1,010	790			72	242,468	89.5%		
10-Apr	2,190	2,200	450	969		4,450	4,400	962	791			72	242,411	89.5%		
11-Apr	2,150	2,300	446	978		4,330	4,290	948	782			72	242,279	89.5%		
12-Apr	2,140	2,270	445	974		4,260	4,220	930	751			72	242,178	89.4%		
13-Apr	2,170	2,240	440	953		4,330	4,360	897	736			72	241,855	89.3%		
14-Apr	2,080	2,120	434	937		4,260	4,230	852	720			72	241,434	89.1%		
15-Apr	1,980	2,050	434	931		4,150	4,210	851	714			72	240,946	89.0%		
16-Apr	1,940	2,040	434	937		4,040	4,020	893	727			72	240,529	88.8%		
17-Apr	1,960	1,990	429	936		3,970	3,960	861	693			73	240,071	88.6%		
18-Apr	1,860	1,850	421	919		3,830	3,910	787	664			73	239,518	88.4%		
19-Apr	1,760	1,760	402	884		3,770	3,760	801	658			73	239,298	88.4%		
20-Apr	1,730	1,710	395	870		3,630	3,600	796	677			73	239,296	88.4%		
21-Apr	1,660	1,660	402	899		3,500	3,480	835	689			73	239,238	88.3%		
22-Apr	1,910	1,980	487	1,250		3,540	3,820	1,690	975			73	239,639	88.5%		
23-Apr	3,800	5,930	950	3,580		12,400	11,700	10,400	2,890			73	241,089	89.0%		
24-Apr	10,300	10,200	874	2,760		14,000	15,100	4,440	1,920			74	243,154	89.8%		
25-Apr	8,040	7,870	739	1,850		16,700	16,500	2,600	1,350			74	244,556	90.3%		
26-Apr	6,350	6,300	678	1,620		13,600	13,300	1,910	1,170			73	245,633	90.7%		
27-Apr	5,360	5,410	656	1,520		11,400	11,200	1,670	1,070			73	246,429	91.0%		
28-Apr	4,770	4,850	624	1,410		9,980	9,790	1,520	1,000			73	247,105	91.2%		
29-Apr	4,220	4,120	599	1,350		9,030	8,860	1,390	962			73	247,601	91.4%		
30-Apr	3,710	3,770	581	1,300		8,140	8,000	1,310	914			72	247,847	91.5%		
Obs. April Avg	3,269	3,356	532	1,272		6,675	6,634	1,629	974							
Normal		11,385	1,753	3,648		20,105	3,584	2,680	61							
% of Normal		29.5%	30.3%	34.9%		33.0%	45.5%	36.3%								

TODAY'S RESERVOIR OBSERVATIONS: April 30, 2012

New York City 24-hr, as of 8 am:						NYC Daily Storage (BG)=		91.5%	Lower Delaware Basin:		
Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage Median (BG)=	270.899	100.0%		Blue Marsh	Vol. (BG)	%Capacity
Neversink	0.20	31.411	89.9%	398	0	BG Below Daily Storage Median =	23.052	-8.51%	Beltzville	13.97	100.3
Pepacton	0.06	127.758	91.2%	0	0	BG Above Drought Watch =	58.377				
Cannonsville	0.11	88.678	92.7%	300	0	BG Above Drought Warning =	74.377				
Rondout	0.25	46.412	93.5%	699	0	BG Above Drought =	98.377				
						BG Below One Year Ago =	30.781				

As of April 1, Blue Marsh Reservoir's percent storage capacity is based upon a summer pool usable storage capacity of 5.6 BG. Storage will gradually be increased to the summer pool level during April.

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): April 30, 2012

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.