

Delaware River Flow and Storage Data - February 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	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)			BG	% CAP
1-Feb	8,680		1,940	4,170		18,700	18,400	4,500	3,320		63	256,481	94.7%
2-Feb	8,320	8,570	1,610	3,810		17,500	17,600	4,050	2,800		64	256,005	94.5%
3-Feb	8,580	8,470	1,390	3,320		16,700	16,800	3,620	2,560		65	255,360	94.3%
4-Feb	7,940	7,660	1,260	2,970		16,300	16,200	3,350	2,390		66	254,411	93.9%
5-Feb	6,870	7,120	1,220	2,830		15,100	14,800	3,200	2,280		67	253,366	93.5%
6-Feb	6,520	6,690	1,190	2,710		14,000	14,000	3,100	2,150		68	252,124	93.1%
7-Feb	6,670	6,390	1,150	2,650		13,400	13,300	2,850	1,980		69	251,347	92.8%
8-Feb	5,850	5,590	1,120	2,570		12,900	12,800	2,720	1,920		69	250,557	92.5%
9-Feb	5,490	5,260	1,100	2,480		12,100	11,900	2,720	1,900		69	249,946	92.3%
10-Feb	5,020	4,790	1,010	2,360		11,300	11,200	2,630	1,840		69	249,132	92.0%
11-Feb	4,470	4,480	942	2,240		10,900	10,700	2,680	1,890		69	248,389	91.7%
12-Feb	4,990	4,460	913	2,150		10,200	10,100	2,770	1,850		69	247,698	91.5%
13-Feb	4,350	4,150	889	1,950		9,750	9,830	2,580	1,740		69	246,928	91.2%
14-Feb	4,130	4,070	874	1,910		9,090	9,170	2,370	1,620		69	246,238	90.9%
15-Feb	4,150	4,040	886	1,900		9,030	8,980	2,270	1,530		69	245,575	90.7%
16-Feb	4,080	3,970	887	1,910		9,090	8,990	2,200	1,520		69	244,966	90.4%
17-Feb	4,080	3,750	914	2,020		9,090	9,070	2,300	1,610		69	244,542	90.3%
18-Feb	4,010	3,730	907	1,950		9,090	9,000	2,290	1,540		69	243,960	90.1%
19-Feb	3,920	3,550	872	1,870		8,550	8,680	2,160	1,470		69	243,306	89.8%
20-Feb	3,670	3,490	846	1,800		8,290	8,330	2,060	1,410		69	242,526	89.5%
21-Feb	3,740	3,570	824	1,740		7,930	7,940	1,990	1,360		70	241,699	89.2%
22-Feb	3,510	3,430	820	1,720		7,930	7,950	1,940	1,400		70	240,872	88.9%
23-Feb	3,450	3,310	810	1,680		7,830	7,840	1,990	1,430		70	239,968	88.6%
24-Feb	3,650	3,470	797	1,700		7,630	7,700	2,110	1,530		70	239,477	88.4%
25-Feb	3,870	3,680	857	1,740		7,880	8,140	2,330	1,430		70	239,166	88.3%
26-Feb	3,850	3,440	818	1,660		8,340	8,440	2,070	1,340		70	238,861	88.2%
27-Feb	3,490	3,190	908	1,670		7,830	7,960	1,880	1,300		70	238,497	88.1%
28-Feb	3,470	3,320	811	1,680		7,530	7,590	1,850	1,260		70	237,867	87.8%
29-Feb	3,580	3,430	807	1,690		7,340	7,590	2,340	1,650		70	237,283	87.6%
February Avg	4,979	4,681	1,013	2,236		10,735	10,724	2,583	1,794				
Normal		5,706	1,318	3,002			13,840	4,032	2,739		68		
% of Normal		82.0%	76.8%	74.5%			77.5%	64.1%	65.5%				

TODAY'S RESERVOIR OBSERVATIONS: February 29

New York City 24-hr, as of 8 am:						NYC Daily Storage (BG)=		87.6%	Lower Delaware Basin:	
Precip (IN .)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage Median (BG)=	237.283	81.5%		Vol. (BG)	%Capacity
Neversink	0.82	32,410	92.8%	259	0	220,722	7.50%	Blue Marsh	4.28	99.9
Pepacton	0.44	121,831	86.9%	200	0	16,561		Beltzville	13.92	100.1
Cannonsville	0.56	83,042	86.8%	302	0	79,866				
Rondout	0.73	46,797	94.3%	824	0	79,866				
						119,866				
						NA				

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): February 29

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:

- Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
- 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.
- Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
- 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.

- 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 Lehighton. For Lehighton, 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 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.**