

Delaware River Flow and Storage Data - February 2009 Summary

NOTE: During cold weather, ice effects on streamflow determinations at some stream-gaging stations are likely. Reported data values may be significantly higher or lower than actual streamflow. Data adjustments will be made as they become available from the USGS.

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)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)			BG	%CAP
1-Feb	18,400	19,100	751	1,520		10,200	9,800	1,360	957		73	229,485	84.7%
2-Feb	19,000	19,200	746	1,580		9,200	9,460	1,700	1,040		73	227,627	84.0%
3-Feb	20,400	19,500	715	1,580		9,920	9,860	2,050	1,120		74	225,843	83.4%
4-Feb	19,800	19,800	684	1,490		9,810	9,630	1,870	1,090		74	224,069	82.7%
5-Feb	18,300	18,400	601	1,190		8,820	8,740	1,500	968		75	222,425	82.1%
6-Feb	15,700	17,000	599	1,140		8,710	8,520	1,210	863		75	221,344	81.7%
7-Feb	14,700	16,200	601	1,180		7,830	7,950	1,200	874		75	220,815	81.5%
8-Feb	14,900	15,100	649	1,530		7,000	7,820	1,730	1,090		75	220,443	81.4%
9-Feb	14,400	15,400	772	2,480		9,250	9,330	3,000	2,090		75	220,386	81.4%
10-Feb	16,900	17,100	871	2,310		8,710	8,830	3,070	2,040		75	220,014	81.2%
11-Feb	18,200	17,600	805	2,130		8,930	9,030	2,510	1,620		75	219,506	81.0%
12-Feb	20,400	22,500	1,630	3,020		9,530	10,100	2,630	1,790		75	220,100	81.3%
13-Feb	28,200	26,200	2,260	4,010		12,100	13,200	2,710	1,850		75	222,938	82.3%
14-Feb	15,900	15,000	1,940	3,670		18,600	19,900	2,400	1,630		75	224,552	82.9%
15-Feb	10,800	10,500	1,480	2,970		20,000	19,100	2,090	1,500		75	225,805	83.4%
16-Feb	8,710	8,590	1,410	2,750		16,000	15,400	1,940	1,410		75	226,651	83.7%
17-Feb	8,850	7,680	1,150	2,450		13,800	13,300	1,770	1,330		75	227,076	83.8%
18-Feb	7,080	6,700	982	2,210		12,400	12,200	1,660	1,240		74	226,835	83.8%
19-Feb	6,700	6,430	1,110	2,330		11,400	11,400	1,760	1,310		74	226,824	83.7%
20-Feb	7,480	6,730	1,140	2,350		11,400	11,200	1,890	1,310		74	226,888	83.8%
21-Feb	6,550	5,650	919	2,020		10,800	10,600	1,670	1,190		74	226,785	83.7%
22-Feb	5,050	4,950	866	1,890		10,200	9,890	1,550	1,140		75	226,717	83.7%
23-Feb	4,570	4,790	862	1,800		9,090	9,040	1,490	1,090		75	226,621	83.7%
24-Feb	5,250	4,930	814	1,640		8,340		1,310	978		74	226,109	83.5%
25-Feb	4,320	4,470	742	1,550				1,230	947		74	225,768	83.4%
26-Feb	4,820	4,820	731	1,550		8,040	8,120	1,230	941		74	225,612	83.3%
27-Feb	4,850	5,100	747	1,530		8,040	8,200	1,220	940			225,438	83.2%
28-Feb	6,190	5,280	1,080	1,910		84,050	8,590	1,230	1,050			227,297	83.9%
February Avg	12,372	12,311	988	2,064		13,414	10,739	1,821	1,264				
Normal		5,706	1,318	3,002			13,840	4,032	2,739		68		
% of Normal		215.8%	74.9%	68.7%			77.6%	45.2%	46.2%				

TODAY'S RESERVOIR OBSERVATIONS February 28

New York City 24-hr, as of 8 am:										Lower Delaware Basin:		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage (BG)=	NYC Daily Storage Median (BG)=			Vol. (BG)	%Capacity	
Neversink	0.00	25.662	73.4%	0	0	227.297	220.604	83.9%		Blue Marsh	4.80	100.8
Pepacton	0.00	118.478	84.5%	449	0	6.927	70.145	3.03%		Beltzville	12.99	99.9
Cannonsville	0.00	83.157	86.9%	75	0	86.145						
Rondout	0.00	47.175	95.1%	609	0	110.145						
						BG Below One Year Ago =	43.409					

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)

Blue Marsh	0	Beltzville	0	b 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 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
- 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 Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2009.
- 5. Streamflow data for Delaware River @ Trenton, NJ for February 24-25 is currently unavailable.

For the most recent streamflow information, please refer to DRBC's *Stream Flow Information* webpage at <http://www.state.nj.us/drbc/streamfl.htm>. Here you will find links to Delaware, New Jersey, New York and Pennsylvania USGS streamgage data.