

Delaware River Flow and Storage Data - February 2013 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)			BG	%CAP
1-Feb	24,000	21,200	4,360	8,050		43,000	44,800	13,800	7,920		70	234,307	86.5%
2-Feb	14,200	13,300	3,010	5,710		39,500	36,500	7,750	5,790		70	236,191	87.2%
3-Feb	10,500	10,200	2,620	4,860		27,700	26,200	5,970	4,730		69	237,884	87.8%
4-Feb	9,210	8,820	1,910	3,710		22,200	21,000	5,180	4,090		68	239,292	88.4%
5-Feb	6,700	7,140	1,900	3,440		18,400	18,100	4,540	3,510		67	240,125	88.7%
6-Feb	6,960	7,020	1,610	3,110		16,100	15,800	3,890	2,750		66	240,476	88.8%
7-Feb	5,850	6,290	1,480	2,870		15,000	14,700	3,360	2,360		64	240,294	88.7%
8-Feb	5,600	6,010	1,310	2,510		13,300	13,400	3,050	2,110		64	240,094	88.6%
9-Feb	5,570	5,730	1,320	2,480		12,700	12,700	3,080	2,110		65	239,935	88.6%
10-Feb	5,440	5,260	1,300	2,310		12,300	12,100	2,830	1,900		66	239,539	88.4%
11-Feb	4,870	5,290	1,280	2,420		10,900	11,300	3,050	2,100		67	239,400	88.4%
15-Feb	4,870	5,070	1,100	2,140		11,900	11,700	3,280	1,970		68	237,961	87.9%
16-Feb	4,940	4,740	1,070	2,150		11,500	11,700	3,180	2,040		68	237,357	87.6%
17-Feb	4,390	4,470	1,030	2,020		11,600	11,300	3,280	1,960		68	236,606	87.4%
18-Feb	4,350	4,190	994	1,830		10,600	10,100	2,740	1,750		67	235,985	87.1%
19-Feb	3,710	3,480	983	1,910		9,220	9,180	2,470	1,770		68	235,485	86.9%
20-Feb	3,450	3,540	973	1,950		9,780	9,450	2,830	1,890		69	234,939	86.7%
21-Feb	3,650	3,310	928	1,790		8,790	8,640	2,630	1,730		70	234,083	86.4%
22-Feb	3,100	2,950	840	1,680		8,480	8,250	2,280	1,560		71	233,277	86.1%
23-Feb	3,290	3,060	813	1,670		7,180	7,380	2,130	1,520		72	232,442	85.8%
24-Feb	2,820	2,790	829	1,740		7,470	7,710	2,190	1,580		72	231,611	85.5%
25-Feb	2,740	2,820	820	1,700		7,760	7,740	2,270	1,560		73	230,820	85.2%
26-Feb	3,040	2,930	861	1,690		7,370	7,360	2,110	1,500		73	230,034	84.9%
27-Feb	2,940	3,220	1,050	2,280		8,220	9,100	3,580	2,000		74	229,245	84.6%
28-Feb	4,490	4,390	1,290	2,760		10,900	11,200	4,210	2,440		74	228,585	84.4%
February Avg	5,937	5,828	1,403	2,708		14,249	14,079	3,814	2,543				
Normal		4,973	1,318	3,002			12,865	4,032	2,739		68		
% of Normal		117.2%	106.5%	90.2%			109.4%	94.6%	92.8%				

TODAY'S RESERVOIR OBSERVATIONS: February 28, 2013

New York City 24-hr, as of 8 am:

	Precip	Usable	Storage	Draft	Directed Rel	NYC Daily Storage (BG)=	84.4%	Lower Delaware Basin:	
	(IN.)	(BG)	(%)	(MG)	(MG)			NYC Daily Storage Median (BG)	81.5%
Neversink	0.43	28,782	82.4%	309	0	228,585			
Pepacton	0.29	118,394	84.5%	450	0	220,604		4.29	100.2
Cannonsville	0.41	81,409	85.1%	301	0	7,981	3.62%	13.95	100.4
Rondout	0.46	43,428	87.5%	782	0	71,433			
						87,433			
						111,433			
						9,282			

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): February 28, 2013

						Lake	
Blue Marsh	0	Beltzville	0	F.E. Walter	0	Merrill Cr.	0
						Wallenpaupack	0

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 2013.

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.