

Delaware River Flow and Storage Data - January 2013 SUMMARY

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C Vincent Dam	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-Jan	5,710	5,580	1,370	2,440		13,100	12,800	2,790	1,740		67	223,024	82.3%
2-Jan	4,370	4,760	1,330	2,320		12,400	12,000	2,620	1,670		67	222,905	82.3%
3-Jan	4,740	4,820	1,270	2,190		11,000	10,700	2,420	1,590		67	222,676	82.2%
4-Jan	4,490	4,510	1,140	2,030		10,200	9,970	2,220	1,460		67	222,365	82.1%
5-Jan	4,570	4,570	1,020	1,870		10,200	9,730	2,060	1,370		66	222,029	82.0%
6-Jan	4,540	4,520	1,000	1,800		9,560	9,270	1,980	1,330		67	221,753	81.9%
7-Jan	4,890	4,820	1,010	1,780		9,440	9,130	1,930	1,290		67	221,399	81.7%
8-Jan	4,710	4,630	1,140	1,900		9,390	9,190	1,870	1,230		68	221,028	81.6%
9-Jan	4,690	4,330	1,050	1,850		9,440	9,270	1,800	1,180		68	220,612	81.5%
10-Jan	4,250	4,170	1,000	1,760		9,060	8,930	1,740	1,130		68	220,093	81.3%
11-Jan	4,350	4,410	882	1,680		8,690	8,600	1,710	1,120		68	219,669	81.1%
12-Jan	4,470	4,400	1,020	1,950		9,010	9,260	2,690	1,460		69	219,232	80.9%
13-Jan	4,390	4,720	1,080	1,970		10,200	10,100	2,470	1,440		69	219,065	80.9%
14-Jan	5,820	6,710	1,700	2,360		10,100	10,200	2,220	1,420		69	219,795	81.2%
15-Jan	9,410	9,810	1,950	2,870		12,200	13,200	2,440	1,650		69	221,370	81.7%
16-Jan	9,140	9,530	2,090	3,520		18,700	20,100	7,300	2,990		69	222,891	82.3%
17-Jan	8,130	8,390	1,650	2,910		19,500	19,100	5,800	2,740		69	224,047	82.7%
18-Jan	7,540	7,790	1,440	2,700		16,700	16,500	4,100	2,540		69	225,036	83.1%
19-Jan	6,820	7,070	1,270	2,430		15,000	14,800	3,500	2,210		69	225,818	83.4%
20-Jan	6,290	6,690	1,270	2,400		13,500	13,600	3,210	2,120		68	226,547	83.6%
21-Jan	5,790	6,160	1,250	2,310		12,700	12,800	2,950	1,990		68	227,107	83.9%
22-Jan	5,050	5,640	1,210	2,180		12,300	12,100	2,730	1,790		67	227,614	84.0%
23-Jan	5,490	5,350	970	1,870		11,800	10,800	2,180	1,440		67	227,641	84.1%
24-Jan	4,740	4,510	867	1,680		9,560	9,470	1,840	1,380		68	227,662	84.1%
25-Jan	3,740	4,310	957	1,650		10,800	14,100	1,760	1,380		68	227,575	84.0%
26-Jan	4,270	4,550	946	1,680		32,900	33,500	1,750	1,320		69	227,628	84.0%
27-Jan	4,490	5,010	909	1,650		36,400	46,600	1,730	1,230		69	227,637	84.0%
28-Jan	5,150	4,900	929	1,720		51,200	51,500	1,920	1,220		70	227,641	84.1%
29-Jan	4,130	4,440	991	1,910		38,500	28,500	2,030	1,340		70	227,669	84.1%
30-Jan	4,300	4,730	1,230	2,100		10,200	10,500	2,140	1,500		70	228,059	84.2%
31-Jan	10,200	15,500	3,230	9,030		14,800	28,400	23,900	10,900		70	230,484	85.1%
Obs. January Avg.	5,505	5,849	1,264	2,339		15,437	15,959	3,284	1,909				
Normal		4,973	1,098	2,591			12,865	2,794	2,002		68		
% of Normal		117.6%	115.1%	90.3%			124.0%	117.5%	95.3%				

TODAY'S RESERVOIR OBSERVATIONS: January 31, 2013

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)=		Vol. (BG)	%Capacity
					230,484	85.1%		
					NYC Daily Storage Median (BG)	213,469	78.8%	
Neversink	1.09	32.066	91.8%	0	BG Above Daily Storage Median	17.015	7.97%	Blue Marsh
Pepacton	0.75	116.663	83.2%	0	BG Above Drought Watch =	88.166		Beltzville
Cannonsville	0.68	81.755	85.4%	4	BG Above Drought Warning =	104.166		
Rondout	1.47	43.217	87.1%	807	BG Above Drought =	128.166		
					BG Below One Year Ago =	26,240		

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): January 31, 2013

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