Delaware River Flow and Storage Data - January 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	[a] Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Vincent Dam		BG	%CAP
1-Jan	12,600	12,100	2,370	5,080		27,400	26,800	4,150	2,980		60	270.837	100.0%
2-Jan	11,200	10,800	2,180	4,510		23,500	22,600	3,580	2,600		60	270.418	99.8%
3-Jan	10,300	9,530	1,860	3,910		20,900	20,200	3,210	2,290		58	269.843	99.6%
4-Jan	9,240	8,700	1,760	3,600		19,200	18,300	2,800	2,070		58	269.591	99.5%
5-Jan	7,230	7,680	1,770	3,470		17,100	16,800	2,580	1,950		61	269.070	99.3%
6-Jan	8,320	7,900	1,830	3,570		16,000	16,200	2,530			64	268.045	99.0%
7-Jan	7,720	8,060	1,770			17,100	18,800	6,470			67	267.151	98.6%
8-Jan	8,390	8,380	1,800	4,180		21,300	21,000	8,830	3,400		68	266.572	98.4%
9-Jan	7,750	7,780	1,530	3,450		18,800	18,500	4,850	2,500		68	265.921	98.2%
10-Jan	7,910	7,040	1,290	2,900		16,600	16,400	3,440	1,980		68	264.549	97.7%
11-Jan	6,870	6,480	1,270	2,780		15,100	14,800	2,970	1,890		67	263.691	97.4%
12-Jan	7,880	6,970	1,220	2,600		14,600	13,800	2,730	1,770		67	262.685	97.0%
13-Jan	7,050	6,730	1,160	2,530		13,500	13,200	2,390	1,650		67	261.242	96.5%
14-Jan	8,230	7,180	1,040	2,380		13,800	13,200	2,200	1,590		66	259.875	96.0%
15-Jan	6,380	6,460	1,040	2,160		13,100	12,800	2,020	1,470		65	258.304	95.4%
16-Jan	6,120	6,770	988	1,920		13,000	12,000	1,680	1,270		66	256.236	94.6%
17-Jan	7,720	6,970	746	1,660		12,300	9,900	1,400	1,210		67	254.383	93.9%
18-Jan	9,480	9,410	907	1,770			9,020	1,450	1,220		68	253.047	93.4%
19-Jan	10,600	10,500	957	1,970			9,530	1,580	1,270		68	251.745	93.0%
20-Jan	11,000	11,200	918	1,860			10,100	1,600	1,210		69	250.173	92.4%
21-Jan	12,500	12,700	1,070	1,930			9,820	1,490	1,240		70	248.380	91.7%
22-Jan	17,500	17,500	994	2,040			9,820	1,440	1,200		71	246.684	91.1%
23-Jan	17,200	17,400	843	1,830			9,620	1,490	1,120		71	244.926	90.4%
24-Jan	19,700	18,000	786	1,750			9,420	1,490	1,110		72	243.169	89.8%
25-Jan	15,000	14,600	740	1,460			10,100	1,400	1,030		72	241.670	89.2%
26-Jan	12,000	13,000	729	1,410		8,820	8,980	1,320	975		72	240.095	88.6%
27-Jan	13,700	14,000	738	1,520		7,830	8,180	1,240	932		72	238.188	87.9%
28-Jan	13,700	14,200	756	1,500		8,820	9,380	1,270	987		73	236.504	87.3%
29-Jan	15,800	16,300	803	1,730		9,700	9,830	1,420	1,110		73	234.953	86.8%
30-Jan	17,300	19,000	764	1,680		9,810	9,930	1,730	1,120		73	233.218	86.1%
31-Jan	18,500	18,500	756	1,500		10,700	9,990	1,590	963		73	231.387	85.4%
January Avg	11,125	11,027	1,206	2,488		15,173	13,517	2,527	1,590				
Normal		**4,973**	**1,098**	**2,591**			**12,865**	**2,794**	**2,002**		**68**		
% of Normal		221.7%	109.8%	96.0%			105.1%	90.4%	79.4%				

NYC 24-hr Reservoir Observations: January 31, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.01	28.158	80.6%	440	0
Pepacton	0.05	124.551	88.8%	451	0
Cannonsville	0.00	78.678	82.2%	0	0
Rondout	0.01	46.558	93.8%	706	0

Directed Releases (cfs): January 31

Blue Marsh	0
Beltzville	0
[b]F.E. Walter	0
Merrill Cr	0
NYC Res.-Excess Bank	0
[c]Lake Wallenpaupack	0

Summary of NYC Storage Observations for January 31

NYC Daily Storage (BG)=	231.387	85.4%
NYC Daily Storage Median (BG)=	213.469	78.8%
BG Above NYC Daily Storage Median =	17.918	8.39%
BG Above Drought Watch =	89.069	
BG Above Drought Warning =	105.069	
BG Above Drought =	129.069	
BG Below One Year Ago =	21.718	

Daily Usable Storage: January 31

	VOL. (BG)	[d]%CAP
Blue Marsh	4.79	100.6
Beltzville	12.98	99.8

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.
[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

NOTES:

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 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 January 7 for the Delaware River at Montague is currently unavailable.
6. Streamflow data for January 7 for the Lehigh River at Bethlehem is currently unavailable.
7. Streamflow data for January 6 & 7 for the Schuylkill River at Pottstown is currently unavailable.
8. Daily mean streamflow data for Trenton, New Jersey is estimated for the period January 17-27 due to the ice jam effects on the gage. 8 am data unavailable for 1/18-1/25.

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.