

**Delaware River Flow and Storage Data - February 2003 Summary**

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				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	Phila (CFS)	Potts (CFS)	Max Temp	<sup>a</sup> Salt Front River Mile	BG	%CAP
										Degrees C Vincent Dam			
1-Feb		3,700	799	1,490			8,700	1,420	1,080		72	241.557	89.2%
2-Feb		3,600	784	1,490			8,400	1,490	1,120		72	241.214	89.1%
3-Feb		3,600	768	1,470		8,770	8,820	1,450	1,120		72	240.835	88.9%
4-Feb		3,700	893	1,620		8,040	8,210	1,490	1,270		72	240.606	88.8%
5-Feb		4,400	1,020	2,080		8,090	8,640	1,970	1,740		72	240.703	88.9%
6-Feb		5,500	1,120	1,870		8,500	8,680	2,010	1,490		72	240.524	88.8%
7-Feb		5,000	1,050	1,890		8,500	9,050	1,650	1,270		72	240.022	88.6%
8-Feb		4,700	905	1,600		9,470	9,330	1,550	1,190		72	239.575	88.5%
9-Feb		4,300	885	1,460		8,290	8,260	1,350	1,050		72	239.187	88.3%
10-Feb		4,100	855	1,590		7,390	7,800	1,320	1,070		72	238.959	88.2%
11-Feb		4,100	657	1,330		7,411	7,730	1,300	1,050		72	238.606	88.1%
12-Feb		4,000	696	1,230		6,720	7,050	1,220	950		72	238.282	88.0%
13-Feb		4,100	677	1,150		6,630	6,630	1,070	859		72	237.862	87.8%
14-Feb		4,000	689	1,200		6,130	6,320	950	866		72	237.093	87.5%
15-Feb		3,800	776	1,310		5,860	6,200	1,080	867		72	236.592	87.4%
16-Feb		3,900	715	1,140		6,630	6,770	1,010	794		72	235.929	87.1%
17-Feb		4,100	681	956			6,600	656	1,350		72	235.721	87.0%
18-Feb		4,000	829	1,350			7,100	370	2,980		72	235.558	87.0%
19-Feb		3,700	687	1,490			8,400	1,020	3,390		73	235.222	86.9%
20-Feb		3,800	671	1,820			9,100	1,600	3,380		73	235.001	86.8%
21-Feb		3,800	773	1,820			9,600	2,360	1,830		73	235.185	86.8%
22-Feb		4,200	873	2,110		11,300	14,000	6,680	2,730		74	235.416	86.9%
23-Feb		5,100	1,330	4,210		21,900	23,800	18,700	6,270		74	236.029	87.1%
24-Feb		6,700	1,620	4,070		24,600	23,200	13,700	5,710		74	236.991	87.5%
25-Feb		7,000	1,650	3,100		18,400	17,900	7,900	4,190		74	237.788	87.8%
26-Feb		7,000	1,440	2,590		16,500	16,000	5,570	3,170		73	238.197	87.9%
27-Feb		6,300	1,110	2,140		14,900	14,300	4,030	2,310		73	238.295	88.0%
28-Feb		6,000	1,150	2,020		13,100	12,800	3,030	1,930		72	238.107	87.9%
February Avg		4,579	932	1,843		10,816	10,335	3,141	2,037				
Normal		5,706	1,318	3,002			13,840	4,032	2,739		68		
% of Normal			70.7%	61.4%			77.9%	74.4%					

NYC 24-hr Reservoir Observations: February 28, 8 am						DIRECTED RELEASES (CFS)	Summary of NYC Storage Observations for February 28			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)		NYC Daily Storage (BG)=	238.107	87.9%	
Neversink	0.00	27.133	77.7%	112	0	Blue Marsh	0	NYC Daily Storage Median (BG)=	220.604	81.5%
Pepacton	0.00	113.997	81.3%	228	0	Beltzville	0	BG Above NYC Daily Storage Median =	17.503	7.93%
Cannonsville	0.00	96.977	101.3%	263	0	<sup>b</sup> F.E. Walter	0	BG Above Drought Watch =	80.955	
Rondout	0.00	44.266	89.2%	710	0	Merrill Cr	0	BG Above Drought Warning =	96.955	
						NYC Res.- Excess Bank	0	BG Above Drought =	120.955	
						<sup>c</sup> Lake Wallenpaupack	0	BG Above One Year Ago =	131.678	

DAILY USABLE STORAGE 2/28/03		
	VOL. (BG)	<sup>d</sup> %CAP
Blue Marsh	4.86	102.1
Beltzville	12.73	97.9

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.  
<sup>a</sup> Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).  
<sup>b</sup> 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.  
<sup>c</sup> Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.  
<sup>d</sup> Percent of usable storage available.  
 BG=Billion Gallons; MG= Million Gallons; CFS=Cubic Feet per Second  
 ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE

- NOTES:**
- 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.
  - 8 am flow values for the period 2/1-2 and 2/17-21 for the Delaware River at Trenton, NJ are unavailable.
  - Daily mean flow values for the Delaware River at Trenton, NJ for 2/1-2 are based on USGS estimates.
  - Accurate 8 am data are unavailable for the entire month of February for the Delaware River at Montague, NJ due to ice effects on stage and discharge.
  - Daily mean flow values for the Delaware River at Montague, NJ for 2/1-28 are based on USGS estimates.
  - The salt front river mile location will be updated as chloride data is received.