Delaware River Flow and Storage Data - March 2009 Summary

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-Mar	8,650	8,310	1,110	2,120		9,280	9,820	1,370	1,170		73	229.225	84.6%
2-Mar	6,550	6,540	1,060	2,000		12,300	12,200	1,500	1,080		73	230.341	85.0%
3-Mar	7,170	6,060	916	1,730		11,500	11,100	1,310	1,040		74	230.678	85.2%
4-Mar	4,990	4,910	728	1,580		10,300	9,790	1,220	914		74	231.102	85.3%
5-Mar	5,310	4,720	698	1,430		8,710	8,800	1,150	923		73	231.511	85.5%
6-Mar	4,970	4,900	704	1,430		8,610	8,830	1,190	936		73	232.092	85.7%
7-Mar	4,420	4,790	608	1,370		9,200	9,330		971		73	232.830	86.0%
8-Mar	5,310	6,500	711	1,420		10,200	9,940		986		73	234.654	86.6%
9-Mar	14,600	21,200	841	1,690		10,300	11,300		1,010		73	239.464	88.4%
10-Mar	34,600	31,600	825	1,850		22,700	29,500	1,420	1,160		74	248.996	91.9%
11-Mar	20,700	22,400	799	1,730		37,800	35,400	1,520	1,130		74	253.534	93.6%
12-Mar	21,600	21,100	755	1,610		27,100	28,100	1,400	1,070		75	256.620	94.8%
13-Mar	16,900	16,600	727	1,500		26,700	26,100	1,270	979		74	258.027	95.3%
14-Mar	13,700	13,300	889	1,550		21,900	21,400	1,160	942		75	258.915	95.6%
15-Mar	11,500	11,300	906	1,680		18,900	18,400	1,160	923		74	259.545	95.8%
16-Mar	10,300	10,300	875	1,680		16,700	16,400	1,130	916		74	260.074	96.0%
17-Mar	9,860	9,720	678	1,490		15,400	15,400	1,100	920		73	260.506	96.2%
18-Mar	9,480	9,220	655	1,340		14,700	14,500	1,090	897		72	260.776	96.3%
19-Mar	9,110	9,110	662	1,370		14,100	13,900	1,090	882		71	261.100	96.4%
20-Mar	10,300	9,980	658	1,370		13,900	13,800	1,080	934		71	261.566	96.6%
21-Mar	9,720	8,770	754	1,350		14,800	14,700	1,120	877		71	261.763	96.6%
22-Mar	7,570	7,400	766	1,420		14,100	13,800	1,020	832		70	261.986	96.7%
23-Mar	6,670	6,650	747	1,390		12,300	12,000	987	810		71	262.211	96.8%
24-Mar	6,470	6,300	590	1,240		11,100	10,900	950	785		71	262.345	96.9%
25-Mar	5,490	5,190	580	1,140		10,900	10,500	900	722		71	262.611	97.0%
26-Mar	5,230	4,850	585	1,160		9,580	9,390	864	719		71	262.901	97.1%
27-Mar	4,870	4,860	618	1,250		8,930	8,970	1,090	851		71	263.040	97.1%
28-Mar	5,280	5,130	641	1,250		8,980	8,900	1,230	906		72	262.794	97.0%
29-Mar	5,120	5,210	681	1,490		9,310	9,270	1,350	932		73	262.515	96.9%
30-Mar	6,270	6,870	778	1,980		11,000	11,000	1,950	1,520		72	262.812	97.0%
31-Mar	7,790	7,610	638	1,650		12,300	12,500	2,100	1,350		73	263.235	97.2%
March Avg	9,694	9,723	748	1,525		14,310	14,385	1,240	971				
Normal		**8,820**	**1,768**	**3,835**			**18,225**	**4,596**	**2,970**		**67**		
% of Normal		110.2%	42.3%	39.8%			78.9%	27.0%	32.7%				

TODAY'S RESERVOIR OBSERVATIONS

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

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)
Neversink	0.01	32.953	94.3%	102	0
Pepacton	0.01	134.895	96.2%	451	0
Cannonsville	0.00	95.387	99.7%	0	0
Rondout	0.00	46.989	94.7%	609	0

NYC Daily Storage (BG)=	**263.235**	97.2%
NYC Daily Storage Median (BG)	258.533	95.5%
BG Abv Daily Storage Median =	4.702	1.82%
BG Abv Drought Watch =	89.659	
BG Abv Drought Warning =	105.659	
BG Abv Drought =	129.659	
BG Below One Year Ago =	7.318	

Lower Delaware Basin:

	Vol. (BG)	[d]%Capacity
Blue Marsh	5.09	106.9
Beltzville	12.99	99.9

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)

Blue Marsh	0	**Beltzville**	0	**[b]F.E. Walter**	0	**Merrill Cr.**	0	**Lake 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:

[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 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. **Daily flow data for the Schuylkill River at Philadelphia is currently unavailable for March 7-9.**

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.