

## Delaware River Flow and Storage Data - March 2005 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				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)	Max Temp	71		BG	%CAP
										Degrees C Vincent Dam				
1-Mar	4,980	5,040	1,100	2,230		12,000	11,900	3,330	2,070		71	267.260	98.7%	
2-Mar	5,030	5,040	1,060	2,220		11,900	11,700	3,290	1,990		71	266.871	98.5%	
3-Mar	4,630	4,970	1,020	2,100		11,200	11,200	2,990	1,840		71	266.473	98.4%	
4-Mar	4,180	4,420	978	1,930		10,900	10,800	2,680	1,730		71	266.114	98.3%	
5-Mar	4,340	4,360	893	1,860		9,980	10,000	2,580	1,690		71	265.640	98.1%	
6-Mar	4,290	4,120	888	1,840		9,750	9,830	2,580	1,710		71	265.187	97.9%	
7-Mar	4,560	4,360	901	1,920		9,420	9,700	2,920	1,860		71	264.760	97.8%	
8-Mar	5,340	5,610	1,200	2,720		11,500	12,300	5,140	2,520		71	264.576	97.7%	
9-Mar	6,940	6,430	1,100	2,640		14,400	14,300	5,070	2,890		71	264.659	97.7%	
10-Mar	6,260	5,630	1,100	2,500		13,600	13,800	4,270	2,790		72	264.389	97.6%	
11-Mar	4,680	5,120	1,140	2,440		13,000	12,600	3,920	2,590		72	264.162	97.5%	
12-Mar	4,510	4,800	1,030	2,320		12,300	12,100	3,840	2,370		72	263.850	97.4%	
13-Mar	4,610	4,760	1,010	2,250		12,000	11,900	3,630	2,250		72	263.581	97.3%	
14-Mar	4,320	4,400	894	2,180		11,500	11,400	3,370	2,130		73	263.185	97.2%	
15-Mar	4,580	4,420	865	2,090		11,200	10,800	3,130	2,020		72	263.172	97.2%	
16-Mar	4,180	4,110	866	2,100		10,900	10,600	2,920	1,950		72	262.814	97.0%	
17-Mar	4,130	4,060	869	2,100		10,300	10,200	2,820	1,930		72	262.509	96.9%	
18-Mar	4,110	3,840	880	2,090		10,300	10,100	2,720	1,900		72	262.146	96.8%	
19-Mar	3,900	3,770	853	2,040		9,870	10,000	2,630	1,830		72	261.694	96.6%	
20-Mar	3,470	3,520	899	2,060		9,580	9,900	2,650	1,860		72	261.423	96.5%	
21-Mar	3,610	3,870	1,030	2,180		9,640	9,790	2,860	1,920		72	261.222	96.4%	
22-Mar	4,390	4,490	1,270	2,410		9,980	10,200	2,690	1,740		72	260.835	96.3%	
23-Mar	4,980	5,210	1,460	2,800		11,300	11,600	3,190	2,240		73	260.672	96.2%	
24-Mar	5,660	5,620	1,770	3,690		16,600	16,200	7,860	4,270		73	260.683	96.3%	
25-Mar	5,580	5,500	1,680	3,670		16,700	16,400	6,220	4,120		73	260.445	96.2%	
26-Mar	5,290	5,220	1,540	3,420		15,600	15,400	5,250	3,520		73	260.512	96.2%	
27-Mar	4,680	4,850	1,560	3,290		14,800	14,600	4,600	3,210		73	260.733	96.3%	
28-Mar	5,530	7,900	2,670	6,440		14,500	18,500	9,650	6,380		73	261.427	96.5%	
29-Mar	5,430	57,000	7,660	20,300		43,600	53,500	26,400	14,700		72	268.636	99.2%	
30-Mar	61,200	56,000	8,210	16,100		93,900	93,900	17,100	11,400		71	275.179	101.6%	
31-Mar	41,500	40,200	7,120	13,100		85,800	80,400	11,100	7,350		70	277.174	102.3%	
March Avg	7,771	9,311	1,791	3,904		18,001	18,246	5,271	3,315					
Normal		<b>5,706</b>	<b>1,318</b>	<b>3,002</b>			<b>13,840</b>	<b>4,032</b>	<b>2,739</b>		<b>67</b>			
% of Normal		163.2%	135.9%	130.1%			131.8%	130.7%	121.0%					

NYC 24-hr Reservoir Observations: March 31, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for March 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)			NYC Daily Storage (BG)=	277.174	102.3%	
Neversink	0.00	35.294	101.0%	0	0	Blue Marsh	0	NYC Daily Storage Median (BG)=	258.533	95.5%	
Pepacton	0.00	140.283	100.1%	0	0	Beltzville	0	BG Above NYC Daily Storage Median =	18.641	7.21%	
Cannonsville	0.00	101.597	106.2%	0	0	F.E. Walter	0	BG Above Drought Watch =	103.598		
Rondout	0.00	49.966	100.7%	0	0	Merrill Cr	0	BG Above Drought Warning =	119.598		
						NYC Res.- Excess Bank	0	BG Above Drought =	143.598		
						Lake Wallenpaupack	0	BG Above One Year Ago =	9.222		
<b>DAILY USABLE STORAGE 3/31/05</b>											
						Blue Marsh	6.52	d%CAP	137.0		
						Beltzville	13.79		106.1		

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; 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:

- 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 Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2005.
- The salt front river mile location has been estimated for March 28-31 due to gage malfunctions during that period.