

## Delaware River Flow and Storage Data - March 2007 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				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 Degrees C Vincent Dam	<sup>a</sup> Salt Front River Mile	BG	%CAP
1-Mar	6,490	4,400	556	1,270		7,780	7,820	2,570	1,410		75	234.297	86.5%
2-Mar	7,600	7,940	1,030	8,730		12,800	24,800	20,300	10,500		75	233.620	86.3%
3-Mar	8,780	9,300	1,290	8,030		36,500	32,500	22,300	13,400		75	233.589	86.2%
4-Mar	9,240	9,710	1,030	4,310		20,400	20,000	12,100	7,680		75	233.961	86.4%
5-Mar	9,280	8,720	922	3,240		16,600	16,300	8,480	5,690		75	233.957	86.4%
6-Mar	6,760	6,470	849	3,080		14,700	14,100	6,700	4,810		74	233.526	86.2%
7-Mar	5,180	5,330	821	2,750		12,300	11,700	5,730	4,200		73	232.748	85.9%
8-Mar	4,640	5,240	820	2,470		10,300	10,100	5,200	3,890		73	231.886	85.6%
9-Mar	5,520	6,170	794	2,150		9,030	9,200	4,890	3,500		72	230.923	85.3%
10-Mar	6,150	6,880	769	2,020		9,030	9,290	3,780	2,110		71	229.935	84.9%
11-Mar	7,200	7,440	820	2,600		9,200	9,530	3,410	2,770		71	229.716	84.8%
12-Mar	7,940	8,000	861	3,160		10,600	10,800	4,750	4,000		71	229.648	84.8%
13-Mar	8,320	8,080	943	3,380		10,700	11,300	5,090	3,820		72	229.409	84.7%
14-Mar	7,880	8,160	1,190	3,690		12,000	12,400	4,710	3,390		72	229.714	84.8%
15-Mar	13,500	15,300	2,230	5,320		13,500	15,200	4,850	4,110		72	233.429	86.2%
16-Mar	30,400	26,100	2,850	6,150		27,400	30,400	7,980	5,120		72	243.856	90.0%
17-Mar	16,100	16,100	3,290	6,450		42,100	39,100	7,800	4,670		72	249.398	92.1%
18-Mar	13,200	12,800	3,000	5,720		29,000	28,600	6,240	3,870		72	252.640	93.3%
19-Mar	10,800	10,600	2,790	5,190		24,600	24,000	5,410	3,370		72	254.559	94.0%
20-Mar	9,380	9,270	2,550	4,930		21,300	21,700	6,680	3,680		72	255.680	94.4%
21-Mar	8,200	8,140	2,090	4,500		22,100	21,700	10,300	4,670		72	256.161	94.6%
22-Mar	8,100	8,400	2,050	4,400		19,800	20,300	8,300	4,540		71	256.322	94.6%
23-Mar	11,300	13,900	3,110	6,930		23,700	25,600	10,100	5,860		71	258.337	95.4%
24-Mar	18,600	18,100	3,690	8,030		32,800	34,900	12,700	7,030		69	261.456	96.5%
25-Mar	18,900	20,700	3,860	7,720		36,900	36,500	9,640	6,210		68	264.831	97.8%
26-Mar	24,800	24,400	4,100	7,540		37,500	38,700	8,020	5,300		66	267.812	98.9%
27-Mar	25,000	26,400	4,270	7,520		40,900	40,600	6,810	4,670		64	270.949	100.0%
28-Mar	34,500	34,000	4,380	7,350		41,300	43,000	6,030	4,130		61	275.411	101.7%
29-Mar	31,500	30,600	4,080	7,010		48,900	47,900	5,210	3,500		57	277.552	102.5%
30-Mar	25,500	24,600	3,290	6,000		43,400	42,200	4,440	3,010		56	277.540	102.5%
31-Mar	21,000	20,400	2,510	4,590		36,100	35,000	4,000	2,740		55	276.859	102.2%
<b>March Avg</b>	<b>13,605</b>	<b>13,602</b>	<b>2,156</b>	<b>5,040</b>		<b>23,653</b>	<b>24,040</b>	<b>7,565</b>	<b>4,763</b>				
<b>Normal</b>		<b>8,820</b>	<b>1,768</b>	<b>3,835</b>			<b>18,225</b>	<b>4,596</b>	<b>2,970</b>		<b>67</b>		
<b>% of Normal</b>		<b>154.2%</b>	<b>121.9%</b>	<b>131.4%</b>			<b>131.9%</b>	<b>164.6%</b>	<b>160.4%</b>				

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)	March 31						
Neversink	0.00	34.951	100.0%	0	0	Blue Marsh	0	NYC Daily Storage (BG)=	276.859	102.2%		
Pepacton	0.00	141.857	101.2%	0	0	Beltzville	0	NYC Daily Storage Median (BG)=	258.533	95.5%		
Cannonsville	0.00	100.051	104.5%	0	0	<sup>b</sup> F.E. Walter	0	BG Above NYC Daily Storage Median =	18.326	7.09%		
Rondout	0.00	48.794	98.3%	554	0	Merrill Cr	0	BG Above Drought Watch =	103.283			
						NYC Res.-Excess Bank	0	BG Above Drought Warning =	119.283			
						<sup>c</sup> Lake Wallenpaupack	0	BG Above Drought =	143.283			
								BG Above One Year Ago =	18.374			

Daily Usable Storage: March 31		
	VOL. (BG)	<sup>d</sup> %CAP
Blue Marsh	5.85	122.9
Beltzville	13.04	100.3

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:

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 2007.