

Delaware River Flow and Storage Data -March 2010 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C Vincent Dam	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)			BG	%CAP
1-Mar	6,350	6,330	809	2,070		12,800	12,900	4,430	2,120		74	234.439	86.6%
2-Mar	5,470	5,580	734	2,150		13,600	13,700	5,590	2,340		74	232.902	86.0%
3-Mar	5,390	5,420	725	2,240		13,500	13,700	6,110	2,680		74	231.338	85.4%
4-Mar	5,550	5,510	719	2,530		14,400	14,600	7,550	3,100		74	229.782	84.8%
5-Mar	5,490	5,710	657	2,510		14,700	14,800	7,260	3,320		74	228.434	84.3%
6-Mar	5,660	5,470	686	2,490		14,800	14,800	6,950	3,330		74	227.077	83.8%
7-Mar	4,890	4,980	635	2,480		15,100	14,800	6,360	3,230		74	225.703	83.3%
8-Mar	5,150	5,410	630	2,470		14,700	14,700	6,310	3,190		74	224.380	82.8%
9-Mar	6,550	6,700	850	2,740		15,500	15,600	5,980	3,100		74	223.147	82.4%
10-Mar	7,790	7,830	1,120	3,020		16,900	17,000	5,510	3,180		74	222.174	82.0%
11-Mar	8,580	8,660	1,360	3,190		18,100	18,100	5,080	3,050		74	221.472	81.8%
12-Mar	12,000	12,900	2,070	3,600		19,000	19,500	4,890	3,060		74	222.036	82.0%
13-Mar	17,100	18,500	1,760	4,930		27,600	37,300	16,900	5,480		73	223.921	82.7%
14-Mar	29,900	30,900	3,550	10,800		61,900	67,400	29,300	8,960			228.032	84.2%
15-Mar	33,200	32,200	3,140	8,580		73,600	71,500	17,600	7,920			234.047	86.4%
16-Mar	26,700	25,800	4,520	8,500		61,900	60,200	12,800	6,630			238.268	88.0%
17-Mar	21,700	20,900	4,880	8,220		49,900	49,100	9,310	5,150			241.524	89.2%
18-Mar	18,400	17,900	4,220	7,430		41,400	40,900	7,560	4,590			244.601	90.3%
19-Mar	16,100	15,700	3,140	5,940		35,900	34,900	6,650	4,010			247.602	91.4%
20-Mar	14,500	14,300	2,650	4,910		31,000	30,400	5,660	3,450			251.013	92.7%
21-Mar	13,300	12,900	2,450	4,620		27,400	27,100	5,060	3,140			254.774	94.1%
22-Mar	12,000	12,000	2,070	4,280		24,800	24,600	5,090	3,220			258.851	95.6%
23-Mar	20,700	25,600	4,330	7,380		31,900	34,100	11,300	4,660			269.178	99.4%
24-Mar	36,800	35,700	3,250	6,410		51,000	53,100	7,500	3,900			276.863	102.2%
25-Mar	29,200	28,200	3,880	6,260		51,800	50,500	5,470	3,140		<54	277.424	102.4%
26-Mar	24,000	23,300	2,630	5,020		43,400	42,300	5,020	3,070		<54	277.106	102.3%
27-Mar	20,900	20,200	2,610	4,340		37,200	36,300	4,670	2,820		<54	276.485	102.1%
28-Mar	17,500	17,100	2,650	4,530		32,700	32,100	4,140	2,560		55	275.530	101.7%
29-Mar	17,000	19,200	3,040	6,400		38,100	36,200	9,840	4,110		55	275.333	101.7%
30-Mar	23,700	24,100	3,420	7,210		39,800	48,100	12,600	6,440		55	275.005	101.5%
31-Mar	36,600	37,100	4,100	9,900		57,100	59,400	19,000	8,270		54	276.952	102.3%
March Avg	16,393	16,519	2,364	5,069		32,306	32,894	8,629	4,104				
Normal		8,820	1,768	3,835			18,225	4,596	2,970		67		
% of Normal		187.3%	133.7%	132.2%			180.5%	187.7%	138.2%				

TODAY'S RESERVOIR OBSERVATIONS--March 31, 2010

New York City 24-hr, as of 8 am:										Lower Delaware Basin:		
Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	NYC Daily Storage (BG)=	NYC Daily Storage Median (BG)=				Vol. (BG)	%Capacity	
						276.952	102.3%			Blue Marsh	6.78	104.3
						258.533	95.5%			Beltzville	13.16	101.2
Neversink	1.04	35.523	101.7%	0	0	BG Above Daily Storage Median =	18.419	7.12%				
Pepacton	0.93	142.826	101.9%	0	0	BG Above Drought Watch =	103.376					
Cannonsville	0.85	98.603	103.0%	0	0	BG Above Drought Warning =	119.376					
Rondout	1.18	48.603	98.0%	707	0	BG Above Drought =	143.376					
						BG Above One Year Ago =	13.717					

As of 3/31, Blue Marsh Reservoir's percent storage capacity is based upon a summer pool usable storage capacity of 6.5 bg.

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)

Blue Marsh	0	Beltzville	0	^b F.E. Walter	0	Merrill Cr.	0	Lake Wallenpaupack	0
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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 2010.
 5. DRBC does not track the salt front below river mile 54. Salt front river mile data is unavailable for the period March 14-24, 2010.