

Delaware River Flow and Storage Data -February 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)	1,460			BG	%CAP
1-Feb	8,650	8,610	2,080	4,140		18,200	17,500	3,390	1,990		66	255.887	94.5%	
2-Feb	9,450	8,650	1,550	3,440		17,600	16,800	3,190	1,870		64	255.104	94.2%	
3-Feb	7,260	7,350	1,500	3,290		16,600	16,300	3,090	1,820		63	254.846	94.1%	
4-Feb	6,350	6,390	1,410	3,070		15,500	15,100	2,950	1,720		62	254.251	93.9%	
5-Feb	6,010	5,830	1,210	2,750		13,800	13,500	2,730	1,620			253.594	93.6%	
6-Feb	5,490	5,340	1,160	2,610		12,800	12,600	2,800	1,660			253.013	93.4%	
7-Feb	5,870	5,090	1,160	2,430		12,700	11,500	2,730	1,570			252.231	93.1%	
8-Feb	5,150	4,870	1,130	2,380		11,000	10,300	2,530	1,440			251.373	92.8%	
9-Feb	5,550	5,030	991	2,300		9,470	9,780	2,400	1,410			250.574	92.5%	
10-Feb	5,570	5,250	1,060	2,340		10,500	10,700					249.802	92.2%	
11-Feb	5,360	5,110	1,050	2,310		11,900	11,300		1,460			249.070	92.0%	
12-Feb	4,920	4,790	980	2,250		11,200	10,800	2,600	1,460			248.304	91.7%	
13-Feb	4,710	4,290	948	2,080		10,400	9,950	2,420	1,310			247.323	91.3%	
14-Feb	4,570	4,160	892	2,020		9,470	9,210	2,220	1,240			246.642	91.1%	
15-Feb	4,520	4,360	861	1,910		7,980	8,210	2,100	1,190			245.913	90.8%	
16-Feb	4,270	4,400	847	1,900		7,830	8,130	2,130	1,170			244.819	90.4%	
17-Feb	4,270	4,190	800	1,770		8,820	8,510	2,040	1,100			243.816	90.0%	
18-Feb	4,110	4,010	789	1,740		8,240	8,100	1,960	1,080			242.858	89.7%	
19-Feb	3,940	3,970	773	1,730		7,830	7,750	1,990	1,100			242.044	89.4%	
20-Feb	3,620	3,550	730	1,690		7,680	7,650	2,210	1,130			241.271	89.1%	
21-Feb	3,290	3,180	722	1,640		7,680	7,520	2,220	1,120			240.820	88.9%	
22-Feb	3,150	3,040	714	1,640		6,810	6,920	2,320	1,150			240.330	88.7%	
23-Feb	3,420	3,290	703	1,920		6,810	7,300	4,200	1,480			239.506	88.4%	
24-Feb	3,690	3,500	731	2,400		13,400	13,400	11,000	2,130			239.150	88.3%	
25-Feb	3,970	4,120	747	2,530		14,200	14,100	8,940	2,260			239.004	88.2%	
26-Feb	4,320	4,420	795	2,320		13,000	12,900	6,240	2,090			238.721	88.1%	
27-Feb	5,440	5,580	743	2,120		12,200	12,000	4,950	1,920		74	237.457	87.7%	
28-Feb	6,150	6,220	799	2,040		12,400	12,300	4,460	1,840		74	235.983	87.1%	
February Avg	5,110	4,950	996	2,313		11,286	11,076	3,454	1,531					
Normal		5,706	1,318	3,002			13,840	4,032	2,739		68			
% of Normal		86.7%	75.5%	77.0%			80.0%	85.7%	55.9%					

TODAY'S RESERVOIR OBSERVATIONS--February 28, 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	
						235.983	220.604	87.1%				
Neversink	0.01	28.486	81.5%	0	0		15.379	6.97%	Blue Marsh	4.76	100.0	
Pepacton	0.02	124.585	88.9%	440	0		78.831		Beltzville	12.97	99.8	
Cannonsville	0.03	82.912	86.6%	0	0		94.831					
Rondout	0.03	46.154	93.0%	404	0		118.831					
						BG Above One Year Ago =	8.686					

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS)

Blue Marsh	0	Beltzville	0	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. Daily streamflow data is unavailable for the Schuylkill River at Philadelphia for February 10-11, 2010 and for the Schuylkill River at Pottstown for February 10, 2010.
- 6. Salt front river mile locations are unavailable February 5 - 26, 2010 due to unavailable data from the Delaware River at Reedy Island gage.