

Delaware River Flow and Storage Data -January 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)	2,720	2,290			1,350	71	BG	%CAP
1-Jan	7,690	7,260	1,440	3,710		17,900	17,900	4,980	4,690	2,490	70	245.094	90.5%				
2-Jan	7,170	6,600	1,370	3,460		16,900	16,700	4,690	2,490	70	245.094	90.5%					
3-Jan	6,440	5,650	1,500	3,220		15,900	15,200	3,910	2,130	69	245.527	90.7%					
4-Jan	5,980	5,600	1,520	3,310		15,700	14,500	3,480	2,000	68	245.022	90.5%					
5-Jan	5,930	6,100	1,170	2,890		14,700	13,400	3,340	1,940	69	244.483	90.3%					
6-Jan	6,380	6,270	1,120	2,660		14,100	12,600	3,140	1,750	70	244.299	90.2%					
7-Jan	6,670	6,240	1,110	2,530		13,000	12,400	2,850	1,670	70	244.153	90.1%					
8-Jan	5,410	5,470	1,090	2,460		12,800	12,600	2,710	1,610	71	244.058	90.1%					
9-Jan	5,870	5,450	988	2,280				2,610	1,500	71	243.661	90.0%					
10-Jan	5,050	4,870	959	1,940				2,290	1,350	71	243.038	89.7%					
11-Jan	4,940	5,110	935	2,040				2,090	1,290	72	242.100	89.4%					
12-Jan	5,180	5,770	877	2,090	8,660	8,920	2,210	1,310	1,310	72	241.195	89.1%					
13-Jan	6,670	6,350	889	1,940	9,980	9,770	2,110	1,260	1,260	72	240.260	88.7%					
14-Jan	6,180	5,940	864	1,920	10,900	10,600	2,040	1,220	1,220	72	239.529	88.4%					
15-Jan	5,930	5,540	840	1,890	11,000	10,500	1,970	1,160	1,160	72	238.844	88.2%					
16-Jan	4,920	4,710	796	1,820	10,800	10,500	1,940	1,150	1,150	72	238.488	88.1%					
17-Jan	4,820	4,540	820	2,050	9,870	10,000	2,480	1,420	1,420	72	237.836	87.8%					
18-Jan	5,120	5,380	1,020	2,920	12,100	12,100	4,990	2,350	2,350	72	237.404	87.7%					
19-Jan	7,350	7,200	1,100	2,580	12,700	12,700	4,470	2,300	2,300	72	237.568	87.7%					
20-Jan	6,760	6,440	1,150	2,600	14,000	13,900	3,570	1,810	1,810	72	237.703	87.8%					
21-Jan	5,870	5,680	1,000	2,380	13,600	13,200	2,950	1,590	1,590	72	237.921	87.8%					
22-Jan	4,970	5,050	856	2,000	12,100	11,800	2,600	1,450	1,450	72	237.984	87.9%					
23-Jan	4,520	4,230	843	1,900	10,500	10,400	2,410	1,400	1,400	72	237.683	87.8%					
24-Jan	4,520	4,400	841	1,870	9,640	9,440	2,340	1,350	1,350	72	236.796	87.4%					
25-Jan	5,550	8,990	4,260	7,660	8,770	17,600	11,700	3,480	3,480	72	236.264	87.2%					
26-Jan	44,400	38,900	4,960	11,100	42,800	45,700	15,400	7,070	7,070	72	249.052	92.0%					
27-Jan	25,100	23,500	5,650	9,430	65,600	59,200	9,360	5,450	5,450	71	254.938	94.1%					
28-Jan	17,500	16,800	5,840	8,600	41,700	40,100	6,930	4,270	4,270	71	256.965	94.9%					
29-Jan	13,800	13,200	5,550	8,420	33,300	32,600	5,590	3,420	3,420	70	257.531	95.1%					
30-Jan	11,600	11,000	2,710	5,190	27,600		4,380	2,440	2,440	69	257.487	95.1%					
31-Jan	9,790	9,210	2,480	4,430	21,500	19,900	3,700	2,160	2,160	68	256.813	94.8%					
Obs. January Avg.	8,648	8,305	1,824	3,655	18,147	17,564	4,169	2,210									
Normal		4,973	1,098	2,591		12,865	2,794	2,002			68						
% of Normal		167.0%	166.1%	141.0%		136.5%	149.2%	110.4%									

TODAY'S RESERVOIR OBSERVATIONS: January 31, 2010

New York City 24-hr, as of 8 am:						NYC Daily Storage (BG)=			Lower Delaware Basin: January 31, 2010		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)					Vol. (BG)	d%Capacity
Neversink	0.00	32,790	93.8%	420	0	256.813	94.8%	Blue Marsh	4.78	100.4	
Pepacton	0.00	136,472	97.3%	0	0	213,469	78.8%	Beltzville	13.04	100.3	
Cannonsville	0.00	87,551	91.5%	299	0	43,344	20.30%				
Rondout	0.00	44,862	90.4%	708	0	114,495					
						130,495					
						154,495					
						25,426					

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 2010.
 5. Real-time and daily streamflow data is unavailable for the Delaware at Trenton, NJ for the period January 9 - 11, 2010. Daily streamflow data is unavailable for January 30.