

Delaware River Flow and Storage Data - November 2010 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @		Max Temp Degrees C Vincent Dam	Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Glendon MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)			BG	%CAP
1-Nov	3,490	3,450	860	1,670		7,780	7,650	1,310	1,320		70	214.389	79.2%
2-Nov	3,250	3,330	822	1,540		7,100	1,540	1,130	1,010		70	215.295	79.5%
3-Nov	3,000	3,140	745	1,430		6,580	6,520	897	952		70	216.058	79.8%
4-Nov	2,860	3,200	880	2,040		6,630	6,670	1,720	1,660		70	216.234	79.8%
5-Nov	4,770	5,400	1,350	3,160		10,100	10,400	6,080	3,030		70	217.107	80.2%
6-Nov	6,240	6,000	1,350	2,810		11,700	12,400	3,830	2,540		70	217.835	80.4%
7-Nov	5,050	4,950	1,290	2,600		12,700	12,600	2,700	2,100		71	218.214	80.6%
8-Nov	4,350	4,460	1,260	2,480		10,900	10,700	2,090	1,670		71	218.456	80.7%
9-Nov	4,130	4,260	1,180	2,370		9,700	9,600	1,730	1,530		71	218.883	80.8%
10-Nov	4,080	4,220	965	2,060		9,420	9,200	1,550	1,350		71	219.309	81.0%
11-Nov	3,850	3,920	935	1,880		8,820	8,660	1,370	1,250		71	219.868	81.2%
12-Nov	3,650	3,690	890	1,790		8,340	8,100	1,270	1,160		71	220.250	81.3%
13-Nov	3,400	3,420	753	1,610		7,730	7,570	1,160	1,060		71	220.501	81.4%
14-Nov	3,230	3,200	742	1,500		7,100	7,040	1,080	1,050		72	220.697	81.5%
15-Nov	3,100	3,080	741	1,470		6,630	6,570	1,050	997		72	220.821	81.5%
16-Nov	3,020	3,070	800	1,660		6,400	6,390	1,010	1,010		72	220.936	81.6%
17-Nov	3,670	4,730	1,800	3,000		6,670	6,990	1,680	1,940		72	221.262	81.7%
18-Nov	7,820	8,080	2,330	3,690		11,600	11,800	3,400	2,860		72	222.715	82.2%
19-Nov	6,820	6,820	1,760	3,170		15,400	15,400	2,610	2,110		72	223.792	82.6%
20-Nov	5,680	5,600	1,360	2,700		14,000	13,600	2,010	1,750		72	224.749	83.0%
21-Nov	5,020	4,940	1,300	2,480		11,900	11,700	1,720	1,600		72	225.547	83.3%
22-Nov	4,540	4,630	1,250	2,390		10,500	10,400	1,570	1,470		72	226.247	83.5%
23-Nov	4,200	4,350	1,200	2,350		9,750	9,690	1,460	1,360		72	226.880	83.8%
24-Nov	5,630	5,810	1,060	2,170		9,530	9,280	1,360	1,290		71	226.826	83.8%
25-Nov	5,440	5,460	938	1,990		9,250	9,820	1,330	1,230		71	226.853	83.8%
26-Nov	5,360	5,700	1,040	2,110		10,700	10,400	1,420	1,330		71	227.369	84.0%
27-Nov	6,900	7,000	996	2,100		10,200	10,300	1,470	1,320		71	228.200	84.3%
28-Nov	6,640	6,520	926	1,890		11,400	11,400	1,370	1,190		71	228.737	84.5%
29-Nov	5,930	6,030	1,030	1,870		11,200	11,100	1,230	1,100		71	229.205	84.6%
30-Nov	5,550	5,250	1,270	1,920		10,400	10,300	1,090	1,000		71	229.397	84.7%
Obs. November Avg.	4,689	4,790	1,127	2,197		9,671	9,733	1,790	1,508				
Normal		4,336	1,282	2,301			10,440	2,363	1,745		80		
% of Normal		110.5%	87.9%	95.5%			93.2%	75.7%	86.4%				

TODAY'S RESERVOIR OBSERVATIONS: November 30, 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)	d%Capacity
Neversink	0.00	29.495	84.4%	145	0	229.397	84.7%	
Pepacton	0.00	117.149	83.6%	450	0	166.093	61.3%	Blue Marsh 4.76 100.0
Cannonville	0.00	82.753	86.5%	102	0	63.304	38.11%	Beltzville 12.96 99.7
Rondout	0.00	45.727	92.2%	751	0	119.397		
						135.397		
						159.397		
						10.450		

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): November 30, 2010

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.
- 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 Glendon and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2011.