

Delaware River Flow and Storage Data - November 2004 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-Nov	3,580	3,700	1,020	2,160		9,090	9,020	3,130	1,970		68	267.885	98.9%
2-Nov	3,830	3,720	987	2,080		8,660		2,600	1,940		68	267.800	98.9%
3-Nov	4,060	3,850	960	2,030		8,450	8,410	2,650	1,940		68	267.838	98.9%
4-Nov	3,760	3,690	914	2,050		8,090	8,530	3,200	2,130		68	267.723	98.9%
5-Nov	4,320	4,570	1,050	2,290		10,300	9,960	6,070	2,650		68	267.494	98.8%
6-Nov	5,190	4,660	961	2,100		9,750	10,100	3,860	2,200		69	267.072	98.6%
7-Nov	3,850	3,750	922	1,980		10,300	10,300	3,190	1,990		69	266.494	98.4%
8-Nov	3,370	3,410	917	1,930		8,980	8,880	2,950	1,880		69	265.812	98.1%
9-Nov	4,010	3,660	948	1,910		8,240	8,120	2,630	1,650		70	265.220	97.9%
10-Nov	3,390	3,390	928	1,840		8,040	8,130	2,380	1,540		70	264.523	97.7%
11-Nov	3,220	3,100	816	1,780		7,630	7,740	2,240	1,480		70	264.467	97.6%
12-Nov	3,110	3,160	904	2,040		7,530	7,710	2,750	1,790		70	264.595	97.7%
13-Nov	3,240	3,300	985	2,420		10,700	10,400	6,420	2,650		70	264.269	97.6%
14-Nov	2,930	2,920	880	2,060		9,980	9,680	4,290	2,100		70	263.801	97.4%
15-Nov	2,830	2,790	875	1,970		8,340	8,300	3,380	1,910		70	263.254	97.2%
16-Nov	3,010	3,000	959	2,030		7,930	7,840	3,010	1,850		70	262.626	97.0%
17-Nov	3,580	3,310	929	2,040		7,630	7,700	2,890	1,800		70	262.234	96.8%
18-Nov	3,240	3,170	921	2,000		7,780	7,930	2,770	1,700		70	261.660	96.6%
19-Nov	3,200	3,230	808	1,940		7,730	7,800	2,560	1,650		70	261.131	96.4%
20-Nov	3,010	3,020	801	1,890		7,580		2,560	1,630		70	260.589	96.2%
21-Nov	2,730	2,800	838	1,960		7,530		2,750	1,760		70	260.058	96.0%
22-Nov	2,810	2,920	807	1,870		7,530	7,520	2,760	1,680		70	259.523	95.8%
23-Nov	2,470	3,400	786	1,810		7,240		2,520	1,590		70	258.913	95.6%
24-Nov	3,220	3,280	820	1,840		7,240	7,470	2,430	1,570		70	258.306	95.4%
25-Nov	3,320	3,870	1,380	2,630		8,090	8,770	2,960	2,080		70	258.048	95.3%
26-Nov	5,550	6,140	1,390	2,770		10,900	10,900	3,700	2,710		70	258.798	95.6%
27-Nov	6,150	6,250	1,470	2,690		11,600	12,100	3,600	2,480		70	258.975	95.6%
28-Nov	5,530	10,900	5,920	14,100		14,000	27,000	22,000	9,200		70	259.158	95.7%
29-Nov	36,600	33,200	5,540	14,900		54,800	55,700	20,500	12,900		70	264.318	97.6%
30-Nov	22,300	21,300	6,730	12,400		59,300	55,800	12,500	8,400		69	266.335	98.3%
November Avg	5,380	5,449	1,472	3,250		12,032	13,147	4,708	2,761				
Normal		4,336	1,282	2,301			10,440	2,363	1,745		80		
% of Normal		125.7%	114.8%	141.3%			125.9%	199.3%	158.2%				

NYC 24-hr Reservoir Observations: November 30, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for November 30		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	266.335	98.3%
Neversink	0.00	30.850	88.3%	0	0	Beltzville	0	NYC Daily Storage Median (BG)=	166.093	61.3%
Pepacton	0.00	135.964	97.0%	26	0	^b F.E. Walter	0	BG Above NYC Daily Storage Median =	100.242	60.35%
Cannonsville	0.00	99.521	104.0%	0	0	Merrill Cr	0	BG Above Drought Watch =	156.335	
Rondout	0.00	49.106	99.0%	717	0	NYC Res.- Excess Bank	0	BG Above Drought Warning =	172.335	
						^c Lake Wallenpaupack	0	BG Above Drought =	196.335	
								BG Below One Year Ago =	8.845	
DAILY USABLE STORAGE 11/30/04										
								VOL. (BG)		^d%CAP
						Blue Marsh		6.27		131.7
						Beltzville		14.70		113.1

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.

^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

NOTES:

- 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 Easton and the maximum temperature at the Schuylkill River at Vincent Dam has been discontinued. Reporting will begin again in June 2005.
- The mean flow values for November 2, 20-21, and 23 for the Delaware River at Trenton, NJ are currently unavailable.