

Delaware River Flow and Storage Data - April 2009 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-Apr	6,440	6,420	606	1,420		13,000	12,900	1,710	1,190		73	263.574
2-Apr	5,600	5,740	631	1,550		12,100	11,900	1,780	1,400		73	264.123	97.5%
3-Apr	5,070	5,850	876	2,270		11,500	12,400	4,090	2,120		73	264.437	97.6%
4-Apr	8,780	9,710	1,580	4,140		15,600	16,200	8,980	5,160		72	265.623	98.1%
5-Apr	11,100	10,900	1,280	3,420		17,800	18,600	6,370	3,890		71	266.302	98.3%
6-Apr	9,350	9,480	1,190	3,160		19,100	18,800	4,710	3,120		71	266.686	98.5%
7-Apr	8,940	9,160	1,010	3,070		17,500	17,500	4,370	2,910		71	266.919	98.6%
8-Apr	8,580	8,910	934	2,710		16,400	16,400	3,700	2,470		72	266.927	98.6%
9-Apr	7,630	7,940	883	2,450		15,900	15,700	3,060	2,110		71	267.172	98.6%
10-Apr	7,050	7,010	838	2,130		14,400	14,200	2,610	1,870		71	267.239	98.7%
11-Apr	6,350	6,150	946	2,090		13,400	13,200	2,890	1,860		71	267.707	98.8%
12-Apr	5,410	5,240	932	2,070		12,800	12,400	3,250	1,760		71	268.424	99.1%
13-Apr	4,540	4,460	885	1,930		11,100	10,900	2,450	1,550		71	268.674	99.2%
14-Apr	4,300	4,340	741	1,790		10,000	9,960	2,430	1,420		70	268.464	99.1%
15-Apr	4,540	4,570	851	2,040		9,530	9,880	3,250	1,620		70	267.908	98.9%
16-Apr	4,660	4,780	937	2,140		10,700	10,600	3,410	1,790		71	267.336	98.7%
17-Apr	4,640	4,610	865	1,920		10,400	10,300	2,720	1,580		72	266.806	98.5%
18-Apr	4,420	4,420	838	1,760		9,810	9,710	2,240	1,360		72	266.046	98.2%
19-Apr	3,900	3,820	820	1,690		9,250	9,210	2,000	1,300		72	266.035	98.2%
20-Apr	3,320	3,420	834	1,740		8,820	8,700	2,040	1,310		72	266.130	98.3%
21-Apr	3,510	3,670	1,010	2,520		8,450	8,810	2,590	1,800		73	266.083	98.2%
22-Apr	4,770	4,780	1,030	2,550		10,300	10,300	3,370	2,230		73	266.327	98.3%
23-Apr	4,440	4,620	1,250	2,600		11,000	11,100	3,050	1,970		73	266.483	98.4%
24-Apr	3,920	4,080	1,210	2,470		11,200	11,000	2,550	1,780		73	266.678	98.5%
25-Apr	3,510	3,540	914	2,210		10,200	10,000	2,210	1,550		72	266.592	98.4%
26-Apr	3,250	3,210	869	1,970		9,250	9,020	2,030	1,470		72	266.733	98.5%
27-Apr	3,060	3,030	845	1,900		8,290	8,220	1,910	1,400		72	266.768	98.5%
28-Apr	3,620	3,200	698	1,750		7,880	7,770	1,770	1,340		72	266.561	98.4%
29-Apr	2,680	2,650	667	1,560		7,290	7,480	1,710	1,310		72	266.518	98.4%
30-Apr	2,520	2,490	658	1,490		6,910	6,830	1,640	1,230		73	266.275	98.3%
Obs. April Avg	5,330	5,407	921	2,217		11,663	11,666	3,030	1,929				
Normal		11,385	1,753	3,648		20,105		3,584	2,680		61		
% of Normal		47.5%	52.5%	60.8%		58.0%		84.5%	72.0%				

TODAY'S RESERVOIR OBSERVATIONS FOR APRIL 30, 2009

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)	266.275	98.3%	Vol. (BG)	%Capacity	
					NYC Daily Storage Median (BG)	270.899	100.0%	Blue Marsh	6.56	100.9
Neversink	0.00	33.698	96.4%	0	BG Below Daily Storage Mediar	4.624	-1.71%	Beltzville	12.97	99.8
Pepacton	0.00	137.601	98.2%	300	BG Abv Drought Watch =	76.805				
Cannonsville	0.00	94.976	99.2%	299	BG Abv Drought Warning =	92.805				
Rondout	0.00	48.673	98.1%	599	BG Abv Drought =	116.805				
					BG Above One Year Ago =	0.440				

As of April 1, 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	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 2009.

For the most recent streamflow information, please refer to DRBC's *Stream Flow Information* webpage at <http://www.state.nj.us/drbc/streamfl.htm>. Here you will find links to Delaware, New Jersey, New York and Pennsylvania USGS streamgauge data.