

Delaware River Flow and Storage Data -- April 2002 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			* 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	Phila (CFS)	Potts (CFS)	Max Temp Degrees C Vincent Dam		BG	%CAP
1-Apr	8,680	8,580	1,490	2,690		15,400	15,200	2,700	2,030		69	135.913	50.2%
2-Apr	8,300	8,160	1,040	2,270		15,100	14,700	2,620	1,860		68	137.885	50.9%
3-Apr	7,030	6,820	970	2,030		13,700	13,400	2,210	1,550		68	139.500	51.5%
4-Apr	6,350	6,240	931	1,860		13,000	12,200	2,080	1,500		67	140.959	52.0%
5-Apr	6,070	5,810	908	1,710		11,600	10,900	1,910	1,330		67	142.374	52.6%
6-Apr	5,010	4,880	1,280	1,910		11,000	10,400	1,630	1,220		67	143.242	52.9%
7-Apr	4,060	4,090	1,260	1,990		9,920	9,530	1,550	1,140		67	144.553	53.4%
8-Apr	3,560	3,820	1,180	1,930		8,710	8,540	1,470	1,090		67	145.565	53.7%
9-Apr	3,990	4,030	966	1,740		8,040	7,820	1,370	1,100		67	146.219	54.0%
10-Apr	4,040	4,060	1,060	1,790		8,190	7,970	1,430	1,220		67	146.916	54.2%
11-Apr	3,870	3,940	1,160	1,890		8,140	7,980	1,550	1,270		67	147.640	54.5%
12-Apr	4,010	3,790	979	1,680		8,040	7,830	1,500	1,030		67	148.130	54.7%
13-Apr	3,390	3,280	984	1,600		7,630	7,430	1,290	1,010		67	148.718	54.9%
14-Apr	2,690	2,820	1,150	1,780		6,860	6,970	1,320	1,080		67	149.762	55.3%
15-Apr	3,670	4,270	1,980	4,480		6,440	7,480	1,580	2,790		67	151.312	55.9%
16-Apr	6,510	6,490	2,580	4,830		14,500	14,200	4,450	4,060		67	153.346	56.6%
17-Apr	6,630	6,060	2,240	4,080		15,600	15,100	4,060	3,130		67	154.948	57.2%
18-Apr	5,530	5,420	1,690	3,140		14,400	13,500	3,310	2,590		66	156.283	57.7%
19-Apr	5,290	4,950	1,630	2,920		12,500	11,700	2,800	2,240		66	157.388	58.1%
20-Apr	4,660	4,300	1,290	2,710		11,300	11,100	2,460	2,050		66	158.466	58.5%
21-Apr	3,650	3,680	1,210	2,360		10,400	10,100	2,240	1,820		66	159.522	58.9%
22-Apr	3,370	3,400	1,230	2,270		8,870	8,860	2,270	1,810		66	160.217	59.2%
23-Apr	4,060	3,790	1,390	2,360		8,660	8,500	2,260	1,740		66	160.494	59.3%
24-Apr	3,990	3,600	1,290	2,170		8,550	8,540	1,990	1,500		66	160.948	59.4%
25-Apr	3,740	3,500	1,080	1,970		8,140	8,200	1,770	1,410		66	161.141	59.5%
26-Apr	4,200	4,230	1,160	2,000		7,880	8,020	1,750	1,400		66	161.836	59.8%
27-Apr	4,630	4,540	1,310	2,100		8,550	8,480	1,650	1,240		66	162.604	60.0%
28-Apr	3,720	4,360	1,780	3,030		9,870	10,600	2,510	2,050		67	163.075	60.2%
29-Apr	9,490	12,200	2,790	5,090		15,200	16,900	5,930	3,890		67	164.859	60.9%
30-Apr	14,700	14,200	3,290	5,370		24,600	25,900	4,860	3,270		67	166.872	61.6%
April Avg	5,296	5,310	1,443	2,592		11,026	10,935	2,351	1,847		61		
Normal		10,246	2,419	3,648			18,648	3,474	2,607				
% of Normal		51.8%	59.7%	71.0%			58.6%	67.7%	70.9%				

NYC 24-hr Reservoir Observations: April 30, 8:00 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	DIRECTED RELEASES (CFS)	Summary of NYC Storage Observations for April 30			
							NYC Daily Storage (BG)=	166.872	61.6%	
						Blue Marsh	0	NYC Daily Storage Median (BG)=	270.899	100.0%
Neversink	0.00	21.196	60.7%	0	0	Beltzville	0	BG Below NYC Daily Storage Median =	104.027	38.40%
Pepacton	0.00	85.017	60.6%	302	0	F.E. Walter	0	BG Below Drought Watch =	22.598	
Cannonsville	0.01	60.659	63.4%	282	0	Merrill Cr	0	BG Below Drought Warning =	6.598	
Rondout	0.00	47.979	96.7%	611	0	NYC Res.- Excess Bank	0	BG Above Drought =	17.402	
						Lake Wallenpaupack	0	BG Below One Year Ago =	104.152	

DAILY USABLE STORAGE 4/30/02		
	VOL. (BG)	%CAP
**Blue Marsh	6.90	106.2
Beltzville	13.23	101.7
**F.E. Walter	11.62	102.8

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.

* 7-day average of chloride at 250 mg/L

BG=Billion Gallons; CFS=Cubic Feet per Second

ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE

NOTE 1: Specific conductance data used for the salt front location determination are currently supplied by the gages at the Delaware River at Reedy and Chester.

NOTE 2: As a result of repairs to the USGS Reedy Island gage and adjustments to chloride data, river mile locations have been revised for the period April 22 thru April 30.

****As of April 1, Blue Marsh reservoir's percent storage capacity is based upon a *summer pool* usable storage capacity of 6.5 bg and F.E. Walter reservoir's percent capacity is based upon a *summer pool* usable storage capacity of 11.3 bg.**