

Delaware River Flow and Storage Data - June 2004 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @			a Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Phila (CFS)	Potts (CFS)	Max Temp		BG	%CAP
										Degrees C			
1-Jun	4,580	4,770	1,320	2,180		11,100	11,000	2,240	1,580	20.5	69	272.169	100.5%
2-Jun	5,450	5,480	1,380	2,220		10,800	10,600	2,220	1,370	21.8	69	272.404	100.6%
3-Jun	5,610	5,630	1,220	2,010	8.9	11,200	10,900	1,850	1,260	23.0	69	272.518	100.6%
4-Jun	5,740	5,530	952	1,740	8.7	10,800	10,600	1,650	1,140	22.3	69	272.461	100.6%
5-Jun	5,030	4,790	990	1,670	8.6	10,600	10,200	1,590	1,250	21.4	69	272.099	100.5%
6-Jun	4,130	4,230	1,360	2,290	9.2	9,980	9,740	3,080	3,240	18.1	69	271.955	100.4%
7-Jun	4,180	4,420	1,250	2,150	9.9	10,200	9,610	4,210	3,120	19.4	69	271.789	100.4%
8-Jun	4,250	4,230	1,070	1,960	9.3	9,140	9,040	3,410	2,490	21.6	69	271.331	100.2%
9-Jun	4,060	3,950	812	1,700	9.0	8,980	8,760	2,770	1,960	23.6	69	270.738	100.0%
10-Jun	3,850	3,870	735	1,580	8.6	7,930	7,900	2,280	1,700	23.9	69	270.377	99.8%
11-Jun	3,370	3,300	1,160	1,960	8.6	7,930	8,070	2,070	1,650	23.1	69	270.154	99.7%
12-Jun	3,260	3,050	1,030	1,810	9.2	8,240	8,010	2,210	1,610	21.9	69	269.828	99.6%
13-Jun	2,370	2,270	977	1,670	9.3	6,950	7,060	1,960	1,400	21.2	69	269.459	99.5%
14-Jun	2,170	2,070	666	1,500	9.6	6,440	6,280	1,740	1,310	21.0	69	269.032	99.3%
15-Jun	2,590	2,230	674	1,420	9.4	5,610	5,520	2,170	1,640	22.6	69	268.635	99.2%
16-Jun	2,260	2,100	646	1,520	8.7	5,190	5,260	4,340	2,700	23.2	69	268.052	99.0%
17-Jun	2,290	2,170	683	1,470	8.2	5,440	5,430	3,300	1,970	23.9	69	267.392	98.7%
18-Jun	2,500	2,730	856	1,990	8.0	5,360	5,430	2,570	1,990	25.3	69	266.998	98.6%
19-Jun	3,030	2,770	731	1,700	8.0	6,580	6,370	2,690	1,920	24.6	69	266.405	98.4%
20-Jun	2,670	2,330	777	1,610	7.9	6,440	6,410	2,200	1,460	23.9	69	265.758	98.1%
21-Jun	2,010	1,800	690	1,510	8.3	6,000	5,860	1,820	1,290	23.7	69	265.078	97.9%
22-Jun	2,080	1,960	668	1,410	8.1	5,400	5,200	1,710	1,250	22.7	69	264.414	97.6%
23-Jun	1,990	1,870	813	1,560	8.0	4,870	4,980	2,250	1,680	23.8	69	263.752	97.4%
24-Jun	1,970	1,850	751	1,420	7.6	5,360	5,230	1,990	1,370	24.9	69	262.945	97.1%
25-Jun	1,920	1,820	612	1,340	7.1	4,870	4,780	1,660	1,200	25.1	70	262.072	96.8%
26-Jun	1,890	1,760	812	1,430	7.9	5,110	4,990	2,270	1,880	23.9	70	261.325	96.5%
27-Jun	1,530	1,750	803	1,450	7.9	4,950	4,880	1,870	1,200	24.3	70	260.629	96.2%
28-Jun	2,090	1,950	561	1,270	8.3	4,710	4,610	1,470	1,060	23.6	70	259.791	95.9%
29-Jun	1,900	1,780	561	1,250	8.4	4,330	4,430	1,500	1,140	24.2	70	258.890	95.6%
30-Jun	1,850	1,700	520	1,220	8.6	4,640	4,540	1,450	1,100	24.8	70	257.782	95.2%
June Avg	3,087	3,005	869	1,667.0	8.5	7,172	7,056	2,285	1,664	22.9			
Normal		3,365	964	1,987			8,193	1,826	1,404		67		
% of Normal		89.3%	90.2%	83.9%			86.1%	125.1%	118.5%				

NYC 24-hr Reservoir Observations: June 30, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for June 30		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)			NYC Daily Storage (BG)=	257.782	95.2%
						Blue Marsh	0	NYC Daily Storage Median (BG)=	257.498	95.1%
Neversink	0.00	33.350	95.4%	106	40	Beltzville	0	BG Above NYC Daily Storage Median =	0.284	0.11%
Pepacton	0.01	134.264	95.8%	453	90	b F.E. Walter	0	BG Above Drought Watch =	67.782	
Cannonsville	0.02	90.168	94.2%	296	339	Merrill Cr	0	BG Above Drought Warning =	83.782	
Rondout	0.00	48.977	98.7%	845	0	NYC Res.- Excess Bank	0	BG Above Drought =	107.782	
						c Lake Wallenpaupack	0	BG Below One Year Ago =	13.188	
DAILY USABLE STORAGE 6/30/04										
								VOL. (BG)		d%CAP
						Blue Marsh		6.63		102.0
						Beltzville		13.19		101.5

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 Lehigh. For Lehigh, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).
 - The minimum dissolved oxygen for the Lehigh River at Easton and the maximum temperature at the Schuylkill River at Vincent Dam will be reported through September 30.
 - The minimum dissolved oxygen for the Lehigh River at Easton is currently unavailable for June 1-2.