

Delaware River Flow and Storage Data - July 2007 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				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)	Max Temp Degrees C Vincent Dam	^a Salt Front River Mile	BG	%CAP
1-Jul	1,660	1,670	366	841	7.7	5,740	5,420	1,110	706	25.7	73	245.197	90.5%
2-Jul	1,730	1,720	352	787	8.0	4,560	4,470	934	644	24.6	73	244.021	90.1%
3-Jul	1,660	1,680	348	703	8.2	4,040	4,030	787	592	26.0	73	242.945	89.7%
4-Jul	1,650	1,660	342	727	8.8	3,900	3,890	750	559	24.0	73	242.044	89.4%
5-Jul	1,680	1,790	356	1,930	8.5	4,010	5,810	1,310	999	24.4	73	241.570	89.2%
6-Jul	2,700	2,510	346	985	8.4	7,340	6,930	5,100	2,670		73	241.030	89.0%
7-Jul	3,270	2,820	562	774	8.5	5,480	5,290	2,710	1,130		73	240.214	88.7%
8-Jul	2,720	2,220	464	1,060	8.3	5,610	5,680	1,510	892		73	239.290	88.4%
9-Jul	2,340	2,040	395	835	8.2	5,690	5,370	1,190	788		73	238.365	88.0%
10-Jul	2,430	2,210	322	674	7.9	4,830	4,600	948	648	30.6	73	237.308	87.6%
11-Jul	2,300	2,220	329	668	7.7	4,330	4,500	1,120	624	28.9	73	236.155	87.2%
12-Jul	2,520	2,290	334	706	7.8	4,480	4,820	1,040	683	28.6	73	235.327	86.9%
13-Jul	2,660	2,110	344	679	7.9	5,070	4,930	864	659	27.6	73	234.119	86.4%
14-Jul	2,370	2,040	348	657	8.1	4,790	4,580	781	567	28.1	73	232.964	86.0%
15-Jul	1,570	1,640	343	639	8.1	4,450	4,250	705	532	29.2	73	231.795	85.6%
16-Jul	1,650	1,660	344	640	8.0	4,260	4,060	671	528	29.7	73	230.711	85.2%
17-Jul	2,030	1,830	292	612	8.0	3,630	3,680	621	582	30.1	74	229.556	84.8%
18-Jul	2,430	1,960	294	564	7.8	3,630	3,630	799	538	29.5	74	228.528	84.4%
19-Jul	2,070	1,820	310	606	7.7	3,830	3,880	964	568	27.7	74	227.724	84.1%
20-Jul	2,030	1,860	377	684	7.8	4,410	4,140	872	629	27.0	75	226.798	83.7%
21-Jul	2,340	1,930	517	673	8.1	4,260	4,070	722	564	26.7	75	225.910	83.4%
22-Jul	1,260	1,260	370	847	8.2	4,110	3,940	673	499	27.4	75	224.807	83.0%
23-Jul	1,540	1,700	312	710	8.3	4,330	4,120	654	457	25.3	75	223.941	82.7%
24-Jul	3,490	3,050	333	684	8.5	3,570	4,170	620	468	26.3	76	223.236	82.4%
25-Jul	3,270	3,120	351	633	8.4	6,580	6,720	599	479	26.8	76	222.532	82.2%
26-Jul	2,980	2,720	352	628	8.1	6,720	6,830	576	471	28.6	76	221.614	81.8%
27-Jul	2,780	2,350	361	615	7.9	5,860	5,930	518	464	29.3	76	220.626	81.5%
28-Jul	3,340	3,390	463	747	7.6	5,650	5,720	673	571	29.5	76	220.135	81.3%
29-Jul	4,180	4,390	422	981	7.5	5,860	6,560	805	735	28.0	76	219.486	81.0%
30-Jul	3,940	3,800	493	950	7.7	8,140	8,000	1,190	819	28.3	76	218.853	80.8%
31-Jul	3,020	3,190	428	894	7.8	7,730	7,710	980	860	28.8	76	218.052	80.5%
July Avg	2,439	2,279	373	778	8.0	5,061	5,088	1,058	707	27.7			
Normal		2,576	728	1,433			6,154	1,388	1,059		72		
% of Normal		88.5%	51.3%	54.3%			82.7%	76.2%	66.8%				

NYC 24-hr Reservoir Observations: July 31, 8 am						Directed Releases (cfs): July 31		Summary of NYC Storage Observations: July 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	218.052	80.5%	
Neversink	0.00	28.023	80.2%	0	0	Beltville	0	NYC Daily Storage Median (BG)=	232.432	85.8%	
Pepacton	0.00	119.546	85.3%	501	0	^b F.E. Walter	0	BG Below NYC Daily Storage Median =	14.380	-6.19%	
Cannonsville	0.00	70.483	73.6%	199	0	Merrill Cr	0	BG Above Drought Watch =	54.139		
Rondout	0.00	47.216	95.2%	682	0	NYC Res.-Excess Bank	0	BG Above Drought Warning =	70.139		
						^c Lake Wallenpaupack	0	BG Above Drought =	94.139		
								BG Below One Year Ago =	44.732		

Daily Usable Storage: July 31		
	VOL. (BG)	^d %CAP
Blue Marsh	6.70	103.1
Beltville	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 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 resumed as of June 1 and will continue through September 2007.
 - Temperature data for the Schuylkill River at Vincent Dam was not available for July 6-9, 2007 due to equipment malfunction.