

Delaware River Flow and Storage Data - May 2007 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	Lehighton FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Philadelphia (CFS)	Pottstown (CFS)	Max Temp		BG	%CAP
										Degrees C			
1-May	8,940	8,620	1,740	3,190		18,400	18,200	3,860	2,170		<54	271.296	100.2%
2-May	8,130	7,760	1,880	3,610		18,700	18,700	3,660	2,320		<54	270.990	100.1%
3-May	7,660	7,260	1,820	3,360		17,900	17,500	3,920	2,380		<54	270.981	100.1%
4-May	5,980	6,030	1,640	3,020		16,300	16,000	3,420	2,010		<54	270.714	100.0%
5-May	4,770	5,050	1,430	2,750		14,300	14,200	3,060	1,850		<54	270.543	99.9%
6-May	4,110	4,330	1,390	2,620		13,100	12,700	2,860	1,770		<54	270.476	99.9%
7-May	3,600	3,820	1,270	2,480		11,800	11,500	2,700	1,670		55	270.391	99.8%
8-May	3,670	3,590	1,120	2,320		11,100	10,700	2,540	1,630		57	270.227	99.8%
9-May	3,580	3,280	1,160	2,280		10,500	10,200	2,450	1,590		59	269.863	99.6%
10-May	3,400	3,170	1,090	2,210		9,360	9,400	2,350	1,530		60	269.672	99.6%
11-May	3,400	3,610	1,070	2,150		9,030	9,050	2,320	1,550		62	269.779	99.6%
12-May	4,470	4,420	1,280	2,110		8,770	8,920	2,290	1,490		64	270.012	99.7%
13-May	3,970	3,930	1,180	2,140		9,870	10,000	2,470	1,430		65	270.002	99.7%
14-May	3,360	3,400	795	1,970		9,580	9,680	2,180	1,330		65	269.941	99.7%
15-May	3,020	3,230	734	1,600		8,770	8,610	1,960	1,290		66	269.673	99.6%
16-May	2,800	3,100	726	1,630		8,090	8,030	2,090	1,320		66	269.544	99.5%
17-May	2,800	3,170	728	1,590		8,340	8,110	2,660	1,420		66	269.651	99.6%
18-May	3,150	3,450	753	1,920		8,090	8,000	2,190	1,370		67	269.460	99.5%
19-May	2,820	2,820	899	1,750		8,400	8,170	2,060	1,290		67	269.158	99.4%
20-May	2,660	2,640	796	1,780		8,190	7,870	1,900	1,230		68	269.110	99.4%
21-May	2,580	2,600	726	1,510		7,340	7,210	1,850	1,170		68	269.111	99.4%
22-May	2,540	2,540	688	1,390		6,810	6,730	1,760	1,130		68	268.779	99.2%
23-May	2,370	2,390	660	1,340		6,530	6,490	1,630	1,060		69	268.285	99.1%
24-May	2,240	2,380	630	1,270		6,260	6,240	1,520	990		69	267.958	98.9%
25-May	2,190	2,310	584	1,210		5,910	5,850	1,370	956		69	267.434	98.7%
26-May	2,720	2,360	881	1,180		5,740	5,810	1,450	943		69	266.835	98.5%
27-May	2,080	2,070	909	1,700		5,480	5,760	1,410	1,010		69	266.193	98.3%
28-May	2,050	2,030	588	1,610		6,080	6,350	1,610	1,210		69	265.732	98.1%
29-May	1,980	2,200	533	1,100		5,740	5,620	1,570	974		69	265.389	98.0%
30-May	1,980	2,040	521	1,030		5,070	5,050	1,310	901		69	264.206	97.6%
31-May	1,840	1,840	518	1,040		4,990	5,140	1,210	840		70	263.640	97.3%
May Avg	3,576	3,595	992	1,963		9,501	9,413	2,246	1,414				
Normal		6,861	1,578	2,760			13,645	2,783	2,073		64		
% of Normal		52.4%	62.8%	71.1%			69.0%	80.7%	68.2%				

NYC 24-hr Reservoir Observations: May 31, 8 am						Directed Releases (cfs): May 31		Summary of NYC Storage Observations for May 31		
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	Beltzville	NYC Daily Storage (BG)= 263.640 97.3%		
Neversink	0.00	33.077	94.7%	52	0	0	0	NYC Daily Storage Median (BG)= 269.679 99.6%		
Pepacton	0.00	137.108	97.8%	413	53	0	0	BG Below NYC Daily Storage Median = 6.039 -2.24%		
Cannonsville	0.00	93.455	97.6%	299	136	0	0	b F.E. Walter BG Above Drought Watch = 73.640		
Rondout	0.00	49.092	98.9%	839	0	0	0	Merrill Cr BG Above Drought Warning = 89.640		
						0	0	NYC Res.-Excess BG Above Drought = 113.640		
						0	0	Bank BG Below One Year Ago = 8.310		
						0	0	c Lake Wallenpaupack		
Daily Usable Storage: May 31										
							VOL. (BG)	d %CAP		
							6.68	102.8		
							13.13	101.0		

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 2007.