

Delaware River Flow and Storage Data - February 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 Vincent Dam			
1-Feb	5,360	5,000	830	1,620		9,700	9,500	1,750	1,210		70	262.357	96.9%
2-Feb	4,660	4,760	798	1,680		9,030	9,280	1,710	1,220		70	261.104	96.4%
3-Feb	4,970	4,700	767	1,590		9,810	9,460	1,780	1,220		70	259.908	96.0%
4-Feb	4,820	4,480	724	1,410		9,470	8,700	1,670	1,130		70	258.736	95.5%
5-Feb	5,020	4,280	662	1,270		8,400	6,700	1,410	1,040		70	257.492	95.1%
6-Feb	4,970	4,390	498	1,220			6,200	1,110	973		69	256.188	94.6%
7-Feb	4,870	4,210	537	1,060			6,600	1,180	1,060		70	254.650	94.0%
8-Feb	4,820	4,260	668	1,170			6,400	1,290	1,100		69	253.233	93.5%
9-Feb	5,930	5,260	604	1,280			6,500	1,340	1,110		70	251.916	93.0%
10-Feb	5,760	5,650	586	1,240			7,200	1,360	1,130		70	250.922	92.6%
11-Feb	6,490	5,690	561	1,150			6,900	1,340	1,110		70	250.378	92.4%
12-Feb	4,890	4,450	590	1,200			6,200	1,390	1,050		71	249.920	92.3%
13-Feb	4,710	4,260	601	1,260			6,200	1,360	982		72	249.168	92.0%
14-Feb	4,590	4,220	620	1,100			6,100	1,370	1,200		72	248.557	91.8%
15-Feb	4,540	4,920	680	1,330			4,500	964	2,910		73	248.218	91.6%
16-Feb	6,070	5,860	780	1,640			5,400	1,170	2,750		73	247.413	91.4%
17-Feb	5,550	5,520	750	1,500			5,700	1,630	2,490		73	246.648	91.1%
18-Feb	6,100	5,870	720	1,310			5,900	1,730	2,100		73	245.750	90.7%
19-Feb	6,520	6,630	660	1,180			5,800	1,510	2,190		73	244.905	90.4%
20-Feb	7,630	7,470	680	1,220			6,200	1,500	1,660		73	243.876	90.0%
21-Feb	7,380	7,050	660	1,400			7,500	1,570	1,040		73	242.797	89.6%
22-Feb	6,610	6,520	627	1,490			8,000	2,060	1,170		73	241.926	89.3%
23-Feb	6,930	6,490	591	1,350		8,290	8,190	2,810	1,340		74	240.794	88.9%
24-Feb	5,980	5,950	575	1,170		7,480	7,450	2,260	1,320		74	239.491	88.4%
25-Feb	4,820	5,030	518	1,210		6,670	6,970	2,060	1,270		75	238.366	88.0%
26-Feb	5,100	5,160	501	1,130		6,910	6,800	2,120	1,230		75	237.233	87.6%
27-Feb	6,150	3,900	562	1,180		6,310	6,490	2,280	1,160		75	236.166	87.2%
28-Feb	6,040	3,900	561	1,250		7,190	7,190	3,250	1,260		75	235.135	86.8%
February Avg	5,617	5,210	640	1,308		8,115	6,930	1,678	1,408				
Normal		5,706	1,318	3,002			13,840	4,032	2,739		68		
% of Normal		91.3%	48.5%	43.6%			50.1%	41.6%	51.4%				

NYC 24-hr Reservoir Observations: February 28, 8 am						Directed Releases (cfs): February 28		Summary of NYC Storage Observations for February 28			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	235.135	86.8%	
Neversink	0.00	30.607	87.6%	107	0	Beltzville	0	NYC Daily Storage Median (BG)=	220.604	81.5%	
Pepacton	0.00	123.722	88.3%	351	0	b F.E. Walter	0	BG Above NYC Daily Storage Median =	14.531	6.59%	
Cannonsville	0.00	80.806	84.4%	198	0	Merrill Cr	0	BG Above Drought Watch =	77.983		
Rondout	0.00	47.029	94.8%	610	0	NYC Res.-Excess Bank	0	BG Above Drought Warning =	93.983		
						c Lake Wallenpaupack	0	BG Above Drought =	117.983		
								BG Below One Year Ago =	33.361		

Daily Usable Storage: February 28		
	VOL. (BG)	d %CAP
Blue Marsh	4.86	102.1
Beltzville	13.10	100.8

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.

^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:**
- 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.
 - 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.
 - 8 am streamflow data for Delaware at Trenton was not available due to ice for February 6-22, 2007.