

Delaware River Flow and Storage Data - May 2001 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @ Bethl FLOW (CFS)	Easton MIN DO (MG/L)	Delaware @ Trenton (CFS)		Schuylkill River @			* Salt Front River Mile	New York City Delaware River Basin Storage	
	8:00 AM	MEAN			8:00 AM	MEAN	Phila (CFS)	Potts (CFS)	Max Temp EC		Vincent Dam	BG
1-May	3,830	3,700	1,830		7,780	7,720	2,140	1,490		68	270.708	100.0%
2-May	3,650	3,490	1,800		7,880	7,880	2,010	1,500		68	270.178	99.8%
3-May	3,470	3,430	1,760		7,580	7,600	1,960	1,430		68	269.546	99.5%
4-May	3,340	3,300	1,620		7,340	7,370	1,820	1,330		68	269.042	99.3%
5-May	3,200	3,020	1,540		7,100	7,030	1,700	1,250		68	268.349	99.1%
6-May	2,240	2,330	1,600		6,630	6,530	1,620	1,200		68	268.103	99.0%
7-May	2,150	2,290	1,570		6,220	6,030	1,590	1,150		68	267.575	98.8%
8-May	2,080	2,300	1,460		5,480	5,470	1,510	1,120		68	267.155	98.6%
9-May	2,040	2,240	1,350		5,270	5,260	1,480	1,040		68	266.864	98.5%
10-May	2,090	2,060	1,300		5,150	5,080	1,410	1,030		69	266.263	98.3%
11-May	1,900	1,910	1,280		4,870	4,900	1,330	1,010		69	265.787	98.1%
12-May	1,940	1,920	1,250		4,560	4,570	1,340	974		69	264.513	97.7%
13-May	1,740	1,840	1,250		4,370	4,370	1,280	957		69	264.170	97.5%
14-May	1,710	1,680	1,190		4,260	4,180	1,290	906		69	263.524	97.3%
15-May	1,520	1,520	1,170		3,900	3,970	1,210	870		70	262.482	96.9%
16-May	1,500	1,500	1,120		3,770	3,740	1,180	850		70	261.417	96.5%
17-May	1,600	1,630	1,050		3,570	3,530	1,190	847		70	260.467	96.2%
18-May	1,710	1,710	1,050		3,470	3,460	1,160	850		71	259.206	95.7%
19-May	1,840	1,870	1,070		3,570	3,610	1,210	867		71	258.029	95.3%
20-May	1,960	1,940	1,080		3,700	3,740	1,170	843		71	256.808	94.8%
21-May	1,890	1,890	1,210		3,800	3,920	1,570	968		71	255.668	94.4%
22-May	1,920	2,090	2,060		4,560	5,430	3,740	1,950		71	255.029	94.2%
23-May	2,350	2,600	1,870		8,190	8,030	3,890	2,000		71	254.616	94.0%
24-May	3,090	3,090	1,560		7,730	7,580	2,610	1,480		71	254.240	93.9%
25-May	2,930	2,880	1,490		7,100	7,030	1,850	1,080		72	253.831	93.7%
26-May	2,520	2,590	1,890		6,720	7,110	2,720	1,480		72	253.206	93.5%
27-May	3,050	3,460	2,810		11,200	13,200	10,100	2,610		72	253.141	93.5%
28-May	4,880	4,730	2,610		15,300	15,000	5,490	2,060		72	253.161	93.5%
29-May	5,210	4,880	2,440		14,200	13,700	3,310	1,790		71	253.296	93.5%
30-May	4,150	4,000	2,290		12,400	12,100	2,650	1,680		71	253.214	93.5%
31-May	3,370	3,260	2,060		10,700	10,400	2,290	1,460		71	252.898	93.4%
May Avg	2,609	2,618	1,601		6,722	6,759	2,252	1,293				
Normal		6,174	2,615			12,107	2,538	1,959		64		
% of Normal		42.4%	61.2%			55.8%	88.7%	66.0%				

NYC 24-hr Reservoir Observations: May 31, 8:00 am						DIRECTED	Summary of NYC Storage Observations for May 31			
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	RELEASES (CFS)	NYC Daily Storage (BG)=	252.898	93.4%	
Neversink	0.01	32.198	92.1%	0	0	Blue Marsh	0	NYC Daily Storage Median (BG)=	269.679	99.6%
Pepacton	0.01	128.919	92.0%	391	0	Beltville	0	BG Below NYC Daily Storage Median =	16.781	6.22%
Cannonsv.	0.02	91.781	95.9%	78	0	F.E. Walter	0	BG Above Drought Watch =	62.898	
Rondout	0.01	49.235	99.2%	619	0	Merrill Ck	0	BG Above Drought Warning =	78.898	
						NYC Res.-		BG Above Drought =	102.898	
						Excess Bank	0	BG Below One Year Ago =	20.799	

DAILY USABLE STORAGE		
	VOL. (BG)	%CAP
Blue Marsh	6.75	103.8
Beltville	13.22	101.7

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: THE MEAN FLOW VALUE FOR THE DELAWARE RIVER AT TRENTON FOR MAY 6 IS AN ESTIMATE.