

Delaware River Flow and Storage Data - January 2003 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				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		Front River Mile	BG	%CAP
										Degrees C	Vincent Dam			
1-Jan	6,350	6,750	1,840	3,360		14,300	15,700	5,700	3,310			65	224.978	83.1%
2-Jan	11,100	14,500	3,270	6,370		27,500	29,100	11,800	6,700			66	227.611	84.0%
3-Jan	18,900	17,600	3,490	7,040		35,900	38,400	10,500	7,600			66	229.951	84.9%
4-Jan	14,200	13,600	2,690	5,330		38,400	36,500	10,800	7,030			66	231.957	85.6%
5-Jan	11,700	11,300	2,500	4,560		29,600	29,100	8,350	5,590			66	233.767	86.3%
6-Jan	10,200	9,860	2,460	4,180		25,800	24,800	7,160	4,880			65	235.394	86.9%
7-Jan	9,070	8,880	2,490	4,040		22,800	22,200	6,110	3,950			64	236.739	87.4%
8-Jan	8,580	8,220	2,110	3,590		20,400	20,100	5,030	3,440			63	237.980	87.9%
9-Jan	8,240	7,930	1,740	3,140		19,200	18,600	4,980	3,390			63	239.177	88.3%
10-Jan	7,960	7,500	1,610	3,030		18,100	18,000	4,750	3,470			62	240.363	88.7%
11-Jan	7,530	6,850	1,610	2,880		17,400	17,000	4,610	3,360			63	241.122	89.0%
12-Jan	7,150	6,440	1,510	2,690		16,100	15,600	4,040	3,050			64	241.778	89.3%
13-Jan	7,000	6,250	1,430	2,580		14,300	14,000	3,640	2,790			66	242.212	89.4%
14-Jan	6,430	5,710	1,270	2,370		14,000	13,200	3,220	2,500			68	242.480	89.5%
15-Jan		5,500	1,120	2,190		12,100	11,900	2,880	2,340			69	242.486	89.5%
16-Jan		5,000	1,000	1,920		11,500	10,900	2,580	2,130			70	242.528	89.5%
17-Jan		4,600	997	1,970		9,920	10,400	2,410	2,010			70	242.838	89.7%
18-Jan		4,700	977	1,700		11,000	10,400	2,116	1,850			70	242.953	89.7%
19-Jan		4,600	1,000	1,740		8,190	8,900	1,930	1,790			71	243.249	89.8%
20-Jan	NOT AVAILABLE	4,600	1,010	1,870		8,550	9,020	2,030	1,770			71	243.741	90.0%
21-Jan		4,700	967	1,690		9,470	9,490	1,950	1,660			71	244.020	90.1%
22-Jan		4,900	932	1,630		8,770	9,020	1,670	1,560			71	244.359	90.2%
23-Jan		5,000	885	1,590			8,700	1,400	1,550			70	244.505	90.3%
24-Jan		4,900	888	1,530			8,400	1,140	1,450			70	244.505	90.3%
25-Jan		4,800	809	1,530			8,600	1,250	1,490			70	244.223	90.2%
26-Jan		4,800	804	1,530			8,900	1,460	1,380			70	243.886	90.0%
27-Jan		4,700	752	1,440			8,800	1,490	1,340			70	243.585	89.9%
28-Jan		4,500	729	1,280			8,400	1,230	1,280			71	243.205	89.8%
29-Jan		4,700	795	1,470			8,300	1,260	1,180			71	242.782	89.6%
30-Jan		4,500	816	1,490			8,600	1,380	1,150			71	242.370	89.5%
31-Jan		4,300	795	1,470			8,800	1,400	1,070			71	241.965	89.3%
January Avg	9,601	6,845	1,461	2,684		17,877	15,156	3,880	2,841					
Normal		4,973	1,098	2,591			12,865	2,794	2,002			68		
% of Normal		137.6%	133.1%	103.6%			117.8%	138.9%	141.9%					

NYC 24-hr Reservoir Observations: January 31, 8 am

	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for January 31		
						Blue Marsh	Beltzville	NYC Daily Storage (BG)=		
Neversink	0.00	29.012	83.0%	199	0	0	0	NYC Daily Storage Median (BG)=	213.469	78.8%
Pepacton	0.00	116.394	83.0%	400	0	0	0	BG Above NYC Daily Storage Median =	28.496	13.35%
Cannonsville	0.00	96.559	100.9%	0	0	0	0	BG Above Drought Watch =	99.647	
Rondout	0.00	43.826	88.3%	735	0	0	0	BG Above Drought Warning =	115.647	
								BG Above Drought =	139.647	
								BG Above One Year Ago =	165.437	
								^c Lake Wallenpaupack	0	

DAILY USABLE STORAGE 1/31/03		
	VOL. (BG)	^d %CAP
Blue Marsh	4.82	101.3
Beltzville	13.17	101.3

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; MG= Million Gallons; CFS=Cubic Feet per Second

ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE

NOTES:

1. Due to the cold weather, stream gages at Montague, NJ and Trenton, NJ have been affected by ice.

As a result of the ice effects, daily mean flow data are estimated for the following periods: Montague, NJ January 15-31 and Trenton, NJ January 23-31. Accurate 8 am values are un
2. 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.

3. As of January 2003, the reported normal flow values within this report represent the median of the mean streamflow values for the period 1971-2000, with the exception of
the Lehigh River at Lehigh. For the station at Lehigh, the median of the mean streamflow for the entire period of record is used (1983-2000).

4. The salt front river mile location will be updated as chloride data is received.