

Delaware River Flow and Storage Data -- January 2002 Summary

| DAY | Delaware @ Montague (CFS) | | Lehigh River @ | | | Delaware @ Trenton (CFS) | | Schuylkill River @ | | | | * Salt Front River Mile | 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 Degrees C Vincent Dam | BG | | %CAP | |
| | | | | | | | | | | | | | | |
| 1-Jan | 1,670 | 1,450 | 485 | 874 | | | 3,000 | 483 | 684 | | 79 | 69.785 | 25.8% | |
| 2-Jan | 1,520 | 1,370 | 496 | 888 | | 2,980 | 3,100 | 567 | 833 | | 79 | 69.655 | 25.7% | |
| 3-Jan | 1,530 | 1,640 | 535 | 912 | | 2,710 | 2,880 | 537 | 762 | | 79 | 69.716 | 25.7% | |
| 4-Jan | 1,430 | 1,620 | 575 | 964 | | 2,890 | 2,880 | 573 | 730 | | 79 | 69.504 | 25.7% | |
| 5-Jan | 1,140 | 1,510 | 521 | 980 | | 2,660 | 2,890 | 611 | 510 | | 79 | 69.389 | 25.6% | |
| 6-Jan | 1,280 | 1,360 | 509 | 944 | | 2,829 | 3,110 | 749 | 510 | | 80 | 69.341 | 25.6% | |
| 7-Jan | 1,350 | 1,330 | 536 | 936 | | 3,190 | 3,300 | 1,310 | 652 | | 80 | 69.080 | 25.5% | |
| 8-Jan | 1,800 | 1,430 | 513 | 977 | | 3,010 | 3,090 | 1,070 | 597 | | 80 | 69.085 | 25.5% | |
| 9-Jan | 1,060 | 1,150 | 506 | 965 | | 2,950 | 2,890 | 894 | 551 | | 80 | 69.008 | 25.5% | |
| 10-Jan | 1,340 | 1,390 | 499 | 969 | | 2,890 | 2,900 | 787 | 538 | | 80 | 69.143 | 25.5% | |
| 11-Jan | 1,400 | 1,420 | 580 | 1,050 | | 2,740 | 2,920 | 1,080 | 761 | | 79 | 69.071 | 25.5% | |
| 12-Jan | 1,409 | 1,400 | 589 | 1,170 | | 3,350 | 3,400 | 1,870 | 854 | | 79 | 68.802 | 25.4% | |
| 13-Jan | 1,380 | 1,350 | 564 | 1,120 | | 3,600 | 3,590 | 1,400 | 786 | | 79 | 69.140 | 25.5% | |
| 14-Jan | 1,220 | 1,230 | 549 | 1,050 | | 3,440 | 3,439 | 1,160 | 707 | | 78 | 69.463 | 25.6% | |
| 15-Jan | 1,400 | 1,360 | 537 | 1,010 | | 3,280 | 3,280 | 982 | 681 | | 78 | 69.346 | 25.6% | |
| 16-Jan | 1,210 | 1,170 | 529 | 1,000 | | 3,160 | 3,170 | 900 | 656 | | 78 | 69.448 | 25.6% | |
| 17-Jan | 1,100 | 1,110 | 467 | 974 | | 3,250 | 3,220 | 861 | 662 | | 77 | 69.498 | 25.7% | |
| 18-Jan | 957 | 1,000 | 458 | 929 | | 3,130 | 3,050 | 818 | 636 | | 77 | 69.617 | 25.7% | |
| 19-Jan | 1,010 | 1,060 | 412 | 880 | | 2,920 | 2,910 | 814 | 592 | | 77 | 69.427 | 25.6% | |
| 20-Jan | 995 | 943 | 406 | 815 | | 2,800 | 2,750 | 805 | 601 | | 77 | 69.647 | 25.7% | |
| 21-Jan | 907 | 934 | 395 | 887 | | 2,430 | 2,420 | 838 | 600 | | 77 | 69.758 | 25.8% | |
| 22-Jan | 822 | 1,070 | 390 | 856 | | 2,570 | 2,500 | 859 | 590 | | 77 | 69.553 | 25.7% | |
| 23-Jan | 970 | 1,330 | 434 | 849 | | 2,490 | 2,440 | 800 | 590 | | 77 | 69.590 | 25.7% | |
| 24-Jan | 1,150 | 1,330 | 509 | 1,020 | | 2,510 | 2,830 | 1,830 | 1,010 | | 77 | 69.461 | 25.6% | |
| 25-Jan | 1,170 | 1,380 | 653 | 1,510 | | 4,410 | 4,420 | 3,390 | 1,410 | | 77 | 69.884 | 25.8% | |
| 26-Jan | 1,290 | 1,640 | 688 | 1,550 | | 4,450 | 4,490 | 2,190 | 1,430 | | 77 | 70.520 | 26.0% | |
| 27-Jan | 2,080 | 2,190 | 674 | 1,470 | | 4,330 | 4,350 | 1,840 | 1,260 | | 77 | 71.264 | 26.3% | |
| 28-Jan | 2,260 | 2,240 | 678 | 1,440 | | 4,300 | 4,430 | 1,630 | 1,160 | | 77 | 72.174 | 26.6% | |
| 29-Jan | 2,550 | 2,520 | 648 | 1,390 | | 4,790 | 4,840 | 1,440 | 1,040 | | 77 | 72.638 | 26.8% | |
| 30-Jan | 2,650 | 2,740 | 762 | 1,410 | | 4,750 | 4,880 | 1,280 | 918 | | 77 | 73.864 | 27.3% | |
| 31-Jan | 3,580 | 5,280 | 1,060 | 1,730 | | 5,270 | 5,370 | 1,520 | 1,030 | | 77 | 76.528 | 28.3% | |
| January Avg | 1,472 | 1,579 | 553 | 1,081 | | 3,336 | 3,379 | 1,158 | 785 | | 68 | | | |
| Normal | | 4,445 | 1,347 | 2,224 | | | 10,279 | 2,774 | 1,825 | | | | | |
| % of Normal | | 35.5% | 41.1% | 48.6% | | | 32.9% | 41.7% | 43.0% | | | | | |

| NYC 24-hr Reservoir Observations: January 31, 8:00 am | | | | | | DIRECTED RELEASES (CFS) | Summary of NYC Storage Observations for January 31 | | | |
|---|--------------|-------------|-------------|------------|-------------------|-------------------------|--|-------------------------------------|---------|--------|
| | Precip (IN.) | Usable (BG) | Storage (%) | Draft (MG) | Directed Rel (MG) | | NYC Daily Storage (BG)= | 76.528 | 28.3% | |
| Neversink | 0.02 | 11.966 | 34.2% | 54 | 0 | Blue Marsh | 0 | NYC Daily Storage Median (BG)= | 213.469 | 78.8% |
| Pepacton | 0.05 | 48.178 | 34.4% | 234 | 0 | Beltzville | 0 | BG Below NYC Daily Storage Median = | 136.941 | 64.15% |
| Cannonsville | 0.10 | 16.384 | 17.1% | 0 | 0 | F.E. Walter | 0 | BG Below Drought Watch = | 65.790 | |
| Rondout | 0.01 | 42.986 | 86.6% | 592 | 0 | Merrill Cr | 0 | BG Below Drought Warning = | 49.790 | |
| | | | | | | NYC Res.- | | BG Below Drought = | 25.790 | |
| | | | | | | Excess Bank | 0 | BG Below One Year Ago = | 152.266 | |
| | | | | | | Lake | | | | |
| | | | | | | Wallenpaupack | 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.
* 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 1: During cold weather, ice effects on stage and discharge determinations at some stream-gaging stations are likely. As a consequence of this, reported streamflows may be higher or lower than actual streamflows.

NOTE 2: For the Delaware River at Trenton, NJ-- the 8 am streamflow value for 1/1 is unavailable.