

Delaware River Flow and Storage Data - August 2012 - SUMMARY

| DAY | Delaware @ Montague (CFS) | | Lehigh River @ | | | Delaware @ Trenton (CFS) | | Schuylkill River @ | | | Max Temp Degrees C Vincent Dam | a Salt Front River Mile | New York City Delaware River Basin Storage | | |
|------------------|------------------------------|-------|-------------------------|------------------------|-----------------------------|-----------------------------|-------|-----------------------|--------------------|------|---|----------------------------------|--|----|------|
| | 8:00 AM | MEAN | Lehigh FLOW (CFS) | Bethl FLOW (CFS) | Glendon MIN DO (MG/L) | 8:00 AM | MEAN | Philadelphia (CFS) | Pottstown (CFS) | 942 | | | 77 | BG | %CAP |
| | | | | | | | | | | | | | | | |
| 1-Aug | 3,120 | 2,980 | 544 | 1,500 | 7.8 | 7,560 | 7,520 | 1,080 | 942 | 26.3 | 77 | 221,441 | 81.8% | | |
| 2-Aug | 2,640 | 2,560 | 489 | 1,400 | 7.7 | 6,120 | 6,120 | 1,480 | 1,120 | 27.5 | 76 | 220,668 | 81.5% | | |
| 3-Aug | 2,470 | 2,470 | 425 | 1,060 | 7.4 | 5,230 | 5,200 | 1,050 | 891 | 28.4 | 76 | 219,966 | 81.2% | | |
| 4-Aug | 2,620 | 2,340 | 630 | 953 | 7.2 | 4,460 | 4,430 | 767 | 746 | 28.7 | 76 | 219,018 | 80.9% | | |
| 5-Aug | 2,240 | 2,160 | 741 | 1,310 | 7.2 | 4,170 | 4,300 | 658 | 742 | 29.1 | 76 | 218,223 | 80.6% | | |
| 6-Aug | 2,390 | 2,240 | 638 | 1,630 | 7.5 | 4,530 | 4,450 | 1,120 | 1,010 | 29.1 | 76 | 217,497 | 80.3% | | |
| 7-Aug | 2,470 | 2,260 | 506 | 1,340 | 7.6 | 4,880 | 4,740 | 1,020 | 921 | 27.5 | 76 | 216,470 | 79.9% | | |
| 8-Aug | 2,260 | 2,200 | 464 | 1,030 | 7.2 | 4,460 | 4,340 | 773 | 728 | 28.2 | 75 | 215,358 | 79.5% | | |
| 9-Aug | 2,010 | 2,020 | 416 | 995 | 7.3 | 4,020 | 4,110 | 584 | 689 | 28.8 | 75 | 214,224 | 79.1% | | |
| 10-Aug | 2,230 | 2,100 | 476 | 1,210 | 7.1 | 4,100 | 4,250 | 2,010 | 996 | 27.5 | 75 | 213,351 | 78.8% | | |
| 11-Aug | 2,540 | 2,230 | 813 | 1,360 | 7.8 | 4,760 | 4,820 | 1,660 | 1,120 | 26.9 | 72 | 212,427 | 78.4% | | |
| 12-Aug | 2,170 | 2,030 | 753 | 1,510 | 7.5 | 5,150 | 5,150 | 1,570 | 931 | 27.9 | 75 | 211,706 | 78.2% | | |
| 13-Aug | 2,080 | 1,910 | 536 | 1,320 | 7.4 | 4,760 | 4,580 | 1,070 | 800 | 27.9 | 75 | 210,816 | 77.8% | | |
| 14-Aug | 1,890 | 1,790 | 502 | 1,180 | 7.2 | 4,310 | 4,090 | 1,660 | 1,060 | 26.1 | 75 | 209,858 | 77.5% | | |
| 15-Aug | 2,150 | 1,970 | 537 | 1,460 | 8.0 | 4,020 | 4,020 | 2,270 | 1,900 | 24.5 | 75 | 209,039 | 77.2% | | |
| 16-Aug | 2,260 | 2,260 | 546 | 1,300 | 7.7 | 4,200 | 4,150 | 2,310 | 1,290 | 25.3 | 75 | 208,228 | 76.9% | | |
| 17-Aug | 2,490 | 2,340 | 499 | 1,210 | 7.6 | 4,310 | 4,220 | 1,320 | 1,030 | 26.7 | 74 | 207,321 | 76.5% | | |
| 18-Aug | 2,410 | 2,360 | 751 | 1,210 | 7.7 | 4,530 | 4,830 | 2,530 | 1,000 | 26.2 | 74 | 206,493 | 76.2% | | |
| 19-Aug | 1,910 | 1,880 | 732 | 1,360 | 7.8 | 4,610 | 4,570 | 1,470 | 962 | 24.4 | 74 | 205,544 | 75.9% | | |
| 20-Aug | 1,940 | 1,920 | 522 | 1,280 | 7.9 | 4,530 | 4,390 | 1,060 | 850 | 24.4 | 75 | 204,564 | 75.5% | | |
| 21-Aug | 1,740 | 1,820 | 489 | 1,090 | 8.0 | 3,950 | 3,800 | 821 | 850 | 25.2 | 75 | 203,685 | 75.2% | | |
| 22-Aug | 1,740 | 1,810 | 431 | 1,000 | 7.6 | 3,580 | 3,610 | 753 | 868 | 25.6 | 75 | 202,649 | 74.8% | | |
| 23-Aug | 1,980 | 1,820 | 373 | 908 | 7.4 | 3,420 | 3,370 | 709 | 732 | 26.8 | 75 | 201,672 | 74.5% | | |
| 24-Aug | 1,890 | | 370 | 828 | 7.2 | 3,230 | 3,190 | 611 | 667 | 27.0 | 76 | 200,618 | 74.1% | | |
| 25-Aug | 1,980 | 1,780 | 556 | 789 | 7.3 | 3,170 | 3,090 | 526 | 621 | 25.3 | 76 | 199,346 | 73.6% | | |
| 26-Aug | 1,840 | 1,670 | 597 | 1,040 | 7.4 | 3,040 | 2,960 | 513 | 618 | 26.7 | 76 | 198,301 | 73.2% | | |
| 27-Aug | 1,880 | 1,690 | 388 | 1,060 | 7.4 | 3,390 | 3,430 | 1,670 | 626 | 27.1 | 77 | 197,229 | 72.8% | | |
| 28-Aug | 1,890 | 1,750 | 326 | 778 | 7.3 | 3,680 | 3,400 | 1,110 | 616 | 28.0 | 77 | 196,572 | 72.6% | | |
| 29-Aug | 1,740 | 1,860 | 317 | 795 | 7.3 | 3,040 | 2,960 | 691 | 599 | 27.3 | 77 | 195,845 | 72.3% | | |
| 30-Aug | 2,340 | 2,210 | 306 | 786 | 7.5 | 2,920 | 2,910 | 560 | 556 | 26.8 | 77 | 194,942 | 72.0% | | |
| 31-Aug | 2,320 | 2,150 | 285 | 761 | 7.5 | 2,810 | 2,980 | 475 | 458 | 27.2 | 77 | 193,900 | 71.6% | | |
| Obs. August Avg. | 2,182 | 2,086 | 515 | 1,144 | 7.5 | 4,224 | 4,193 | 1,158 | 869 | 26.9 | | | | | |
| Normal | | 2,129 | 455 | 1,088 | | | 5,070 | 1,154 | 824 | | 77 | | | | |
| % of Normal | | 98.0% | 113.1% | 105.1% | | | 82.7% | 100.4% | 105.5% | | | | | | |

TODAY'S RESERVOIR OBSERVATIONS: August 31, 2012

New York City 24-hr, as of 8 am:

| | Precip (IN.) | Usable (BG) | Storage (%) | Draft (MG) | Directed Rel (MG) |
|--------------|-----------------|----------------|----------------|---------------|----------------------|
| Neversink | 0.00 | 23.605 | 67.6% | 0 | 19 |
| Pepacton | 0.00 | 109.478 | 78.1% | 502 | 91 |
| Cannonsville | 0.00 | 60.817 | 63.5% | 199 | 281 |
| Rondout | 0.00 | 47.308 | 95.3% | 698 | 0 |

| | | |
|---------------------------------|----------------|--------|
| NYC Daily Storage (BG)= | 193.900 | 71.6% |
| NYC Daily Storage Median (BG)= | 204.376 | 75.5% |
| BG Below Daily Storage Median = | 10.476 | -5.13% |
| BG Above Drought Watch = | 56.944 | |
| BG Above Drought Warning = | 72.944 | |
| BG Above Drought = | 96.944 | |
| BG Below One Year Ago = | 77.695 | |

Lower Delaware Basin: August 31, 2012

| | Vol. (BG) | %Capacity |
|------------|-----------|-----------|
| Blue Marsh | 5.61 | 100.1 |
| Beltville | 13.74 | 98.7 |

TODAY'S DIRECTED RELEASES FROM BASIN RESERVOIRS (CFS): August 31, 2012

| | | | | | | | | | |
|------------|---|-----------|-----|-------------|---|-------------|---|--------------------|---|
| Blue Marsh | 0 | Beltville | 225 | F.E. Walter | 0 | Merrill Cr. | 0 | Lake Wallenpaupack | 0 |
|------------|---|-----------|-----|-------------|---|-------------|---|--------------------|---|

DATA SOURCES:

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.

NOTES:

- ^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.

1. 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.
2. The salt front river mile location will be updated as chloride data is received.
3. 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).