

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for January 1<sup>st</sup> – January 7<sup>th</sup> 2017 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Jan 1 | 0                   | 48                    | 0                   | 87                  | 0                   | 36                    | 451                                      | 0                 | 460               | 618                  |
| 2     | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 302                                      | 0                 | 355               | 619                  |
| 3     | 0                   | 48                    | 0                   | 87                  | 0                   | 36                    | 302                                      | 0                 | 360               | 619                  |
| 4     | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 302                                      | 0                 | 360               | 619                  |
| 5     | 0                   | 48                    | 0                   | 117                 | 0                   | 36                    | 302                                      | 0                 | 359               | 619                  |
| 6     | 0                   | 48                    | 0                   | 173                 | 0                   | 36                    | 302                                      | 0                 | 343               | 619                  |
| 7     | 0                   | 48                    | 0                   | 175                 | 0                   | 36                    | 302                                      | 0                 | 225               | 619                  |

|                             |                                          |                         |       |                     |
|-----------------------------|------------------------------------------|-------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage January 8, 2018 (0800) | 106.532 billion gallons | 76.0% | 1,260.43(elev.ft.)  |
|                             | Spillway crest elevation 1,280.00 ft.    | 140.190 billion gallons |       |                     |
| Cannonsville Reservoir (C): | Available storage January 8, 2018 (0800) | 48.236 billion gallons  | 50.4% | 1,114.28 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.    | 95.706 billion gallons  |       |                     |
| Neversink Reservoir (N):    | Available storage January 8, 2018 (0800) | 26.970 billion gallons  | 77.2% | 1,422.68 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.    | 34.941 billion gallons  |       |                     |
| Combined contents, PCN:     | Available storage January 8, 2018 (0800) | 181.738 billion gallons | 67.1% |                     |
|                             | Combined capacity at spillway level      | 270.837 billion gallons |       |                     |
| Lake Wallenpaupack:         | Available storage January 7, 2018 (0800) | 21.765 billion gallons  | 61.4% | 1,182.60 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.    | 35.451 billion gallons  |       |                     |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Jan 1 | 0                                | 74       | 135          | 56        | 0                  | 851              | 1,304                          | 2,420     | 0.00          | 0.00       |
| 2     | 0                                | 74       | 135          | 56        | 0                  | 851              | 1,414                          | 2,530     | 0.00          | 0.00       |
| 3     | 0                                | 74       | 135          | 56        | 0                  | 780              | 1,565                          | 2,610     | 0.00          | 0.00       |
| 4     | 0                                | 74       | 136          | 56        | 0                  | 745              | 1,749                          | 2,760     | 0.01          | 0.01       |
| 5     | 0                                | 74       | 135          | 56        | 0                  | 816              | 2,709                          | 3,790     | 0.05          | 0.06       |
| 6     | 0                                | 74       | 136          | 56        | 353                | 851              | 2,440                          | 3,910     | 0.00          | 0.06       |
| 7     | 61                               | 74       | 181          | 56        | 355                | 851              | 2,253                          | 3,770     | 0.00          | 0.06       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 1<sup>st</sup> – January 7<sup>th</sup> 2017 averaged 89.1 MGD.

The average diversion for the 30-day period ending January 7<sup>th</sup> 2017 is 90.8 MGD, the maximum is 94 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for January 8<sup>th</sup> – January 14<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Jan 8 | 0                   | 48                    | 0                   | 146                 | 0                   | 36                    | 441                                      | 0                 | 0                 | 618                  |
| 9     | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 617                  |
| 10    | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 617                  |
| 11    | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 616                  |
| 12    | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 450                                      | 0                 | 0                 | 615                  |
| 13    | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 614                  |
| 14    | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 614                  |

|                             |                                                                                    |                                                    |       |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage January 15, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 110.517 billion gallons<br>140.190 billion gallons | 78.8% | 1,262.90 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage January 15, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 54.217 billion gallons<br>95.706 billion gallons   | 56.6% | 1,119.44 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage January 15, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 30.693 billion gallons<br>34.941 billion gallons   | 87.8% | 1,431.09 (elev.ft.) |
| Combined contents, PCN:     | Available storage January 15, 2018 (0800)<br>Combined capacity at spillway level   | 195.427 billion gallons<br>270.837 billion gallons | 72.2% |                     |
| Lake Wallenpaupack:         | Available storage January 14, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.942 billion gallons<br>35.451 billion gallons   | 67.5% | 1,183.75 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Jan 8 | 398                              | 74       | 268          | 56        | 361                | 727              | 1,404                          | 2,890     | 0.00          | 0.06       |
| 9     | 401                              | 74       | 271          | 56        | 0                  | 230              | 1,809                          | 2,440     | 0.02          | 0.08       |
| 10    | 0                                | 74       | 226          | 56        | 0                  | 7                | 1,787                          | 2,150     | 0.00          | 0.08       |
| 11    | 0                                | 74       | 136          | 56        | 0                  | 0                | 1,634                          | 1,900     | 0.00          | 0.08       |
| 12    | 0                                | 74       | 136          | 56        | 0                  | 0                | 3,244                          | 3,510     | 0.26          | 0.34       |
| 13    | 0                                | 74       | 136          | 56        | 0                  | 89               | 12,645                         | 13,000    | 1.66          | 2.00       |
| 14    | 0                                | 74       | 136          | 56        | 0                  | 833              | 15,401                         | 16,500    | 0.00          | 2.00       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 8<sup>th</sup> – January 14<sup>th</sup> 2018 averaged 93.5 MGD.

The average diversion for the 30-day period ending January 14<sup>th</sup> 2018 is 91.2 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for January 15<sup>th</sup> – January 21<sup>st</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Jan 15 | 0                   | 48                    | 0                   | 88                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 613                  |
| 16     | 0                   | 48                    | 0                   | 89                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 612                  |
| 17     | 0                   | 48                    | 0                   | 89                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 612                  |
| 18     | 0                   | 48                    | 0                   | 89                  | 0                   | 36                    | 451                                      | 0                 | 0                 | 611                  |
| 19     | 0                   | 51                    | 0                   | 92                  | 0                   | 39                    | 451                                      | 0                 | 0                 | 610                  |
| 20     | 0                   | 52                    | 0                   | 99                  | 0                   | 39                    | 304                                      | 0                 | 0                 | 609                  |
| 21     | 0                   | 52                    | 0                   | 99                  | 0                   | 39                    | 303                                      | 0                 | 0                 | 608                  |

|                             |                                                                                    |                                                    |       |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage January 22, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 112.102 billion gallons<br>140.190 billion gallons | 80.0% | 1,263.87 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage January 22, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 58.778 billion gallons<br>95.706 billion gallons   | 61.4% | 1,123.20 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage January 22, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 31.808 billion gallons<br>34.941 billion gallons   | 91.0% | 1,433.49 (elev.ft.) |
| Combined contents, PCN:     | Available storage January 22, 2018 (0800)<br>Combined capacity at spillway level   | 202.688 billion gallons<br>270.837 billion gallons | 74.8% |                     |
| Lake Wallenpaupack:         | Available storage January 21, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.212 billion gallons<br>35.451 billion gallons   | 65.5% | 1,183.35 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Jan 15 | 0                                | 74       | 136          | 56        | 0                  | 851              | 8,863                          | 9,980     | 0.00          | 1.98       |
| 16     | 0                                | 74       | 136          | 56        | 350                | 461              | 6,203                          | 7,280     | 0.00          | 1.98       |
| 17     | 0                                | 74       | 136          | 56        | 364                | 301              | 5,619                          | 6,550     | 0.41          | 2.39       |
| 18     | 0                                | 74       | 138          | 56        | 749                | 390              | 5,463                          | 6,870     | 0.03          | 2.42       |
| 19     | 0                                | 74       | 138          | 56        | 1,265              | 160              | 4,377                          | 6,070     | 0.00          | 2.42       |
| 20     | 0                                | 74       | 138          | 56        | 1,238              | 0                | 3,444                          | 4,950     | 0.00          | 2.42       |
| 21     | 0                                | 74       | 142          | 60        | 0                  | 0                | 3,854                          | 4,130     | 0.00          | 2.42       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 15<sup>th</sup> – January 21<sup>st</sup> 2018 averaged 94.9 MGD.

The average diversion for the 30-day period ending January 21<sup>st</sup> 2018 is 91.8 MGD, the maximum is 97 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for January 22<sup>nd</sup> – January 28<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Jan 22 | 0                   | 52                    | 0                   | 98                  | 0                   | 39                    | 303                                      | 0                 | 0                 | 606                  |
| 23     | 0                   | 52                    | 0                   | 97                  | 0                   | 39                    | 303                                      | 0                 | 236               | 606                  |
| 24     | 0                   | 52                    | 0                   | 98                  | 0                   | 48                    | 446                                      | 0                 | 258               | 606                  |
| 25     | 0                   | 54                    | 0                   | 98                  | 0                   | 71                    | 302                                      | 0                 | 258               | 606                  |
| 26     | 0                   | 64                    | 0                   | 108                 | 0                   | 71                    | 302                                      | 0                 | 258               | 606                  |
| 27     | 0                   | 64                    | 0                   | 115                 | 0                   | 71                    | 0                                        | 0                 | 258               | 605                  |
| 28     | 0                   | 65                    | 0                   | 108                 | 0                   | 71                    | 0                                        | 0                 | 258               | 603                  |

|                             |                                                                                    |                                                    |       |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage January 29, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 117.451 billion gallons<br>140.190 billion gallons | 83.8% | 1,267.09 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage January 29, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 67.609 billion gallons<br>95.706 billion gallons   | 70.6% | 1,130.20 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage January 29, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.771 billion gallons<br>34.941 billion gallons   | 93.8% | 1,435.53(elev.ft.)  |
| Combined contents, PCN:     | Available storage January 29, 2018 (0800)<br>Combined capacity at spillway level   | 217.831 billion gallons<br>270.837 billion gallons | 80.4% |                     |
| Lake Wallenpaupack:         | Available storage January 28, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 25.767 billion gallons<br>35.451 billion gallons   | 72.7% | 1,184.79 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Jan 22 | 0                                | 79       | 153          | 60        | 0                  | 0                | 3,818                          | 4,110     | 0.03          | 2.47       |
| 23     | 0                                | 80       | 153          | 60        | 250                | 124              | 5,553                          | 6,220     | 0.55          | 3.02       |
| 24     | 0                                | 80       | 152          | 60        | 243                | 426              | 20,039                         | 21,000    | 0.65          | 3.67       |
| 25     | 0                                | 80       | 150          | 60        | 245                | 230              | 13,735                         | 14,500    | 0.00          | 3.67       |
| 26     | 0                                | 80       | 152          | 74        | 555                | 106              | 9,233                          | 10,200    | 0.00          | 3.67       |
| 27     | 0                                | 80       | 152          | 110       | 641                | 0                | 6,947                          | 7,930     | 0.00          | 3.67       |
| 28     | 0                                | 84       | 167          | 110       | 0                  | 71               | 6,358                          | 6,790     | 0.03          | 3.70       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 22<sup>nd</sup> – January 28<sup>th</sup> 2018 averaged 96.5 MGD.

The average diversion for the 30-day period ending January 28<sup>th</sup> 2018 is 93.1 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for January 29<sup>th</sup> – February 4<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Jan 29 | 0                   | 65                    | 0                   | 122                 | 0                   | 71                    | 0                                        | 0                 | 258               | 602                  |
| 30     | 0                   | 65                    | 0                   | 115                 | 0                   | 71                    | 0                                        | 0                 | 258               | 600                  |
| 31     | 0                   | 65                    | 0                   | 114                 | 0                   | 71                    | 6                                        | 0                 | 258               | 599                  |
| Feb 1  | 0                   | 65                    | 0                   | 114                 | 0                   | 71                    | 451                                      | 0                 | 147               | 599                  |
| 2      | 0                   | 65                    | 0                   | 117                 | 0                   | 71                    | 451                                      | 0                 | 192               | 599                  |
| 3      | 0                   | 65                    | 0                   | 115                 | 0                   | 71                    | 451                                      | 0                 | 0                 | 598                  |
| 4      | 0                   | 65                    | 0                   | 116                 | 0                   | 71                    | 451                                      | 0                 | 0                 | 598                  |

|                             |                                                                                    |                                                    |       |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage February 5, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 117.972 billion gallons<br>140.190 billion gallons | 84.2% | 1,267.40 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage February 5, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 70.443 billion gallons<br>95.706 billion gallons   | 73.6% | 1,132.34 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage February 5, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.127 billion gallons<br>34.941 billion gallons   | 91.9% | 1,434.17 (elev.ft.) |
| Combined contents, PCN:     | Available storage February 5, 2018 (0800)<br>Combined capacity at spillway level   | 220.542 billion gallons<br>270.837 billion gallons | 81.4% |                     |
| Lake Wallenpaupack:         | Available storage February 4, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 25.220 billion gallons<br>35.451 billion gallons   | 71.7% | 1,184.49 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Jan 29 | 0                                | 99       | 178          | 110       | 0                  | 53               | 5,880                          | 6,320     | 0.00          | 3.70        |
| 30     | 0                                | 99       | 167          | 110       | 471                | 0                | 5,183                          | 6,030     | 0.00          | 3.70        |
| 31     | 0                                | 101      | 189          | 110       | 789                | 89               | 4,402                          | 5,680     | <u>0.00</u>   | <u>3.70</u> |
| Feb 1  | 0                                | 101      | 178          | 110       | 782                | 195              | 3,504                          | 4,870     | 0.00          | 0.00        |
| 2      | 0                                | 101      | 176          | 110       | 464                | 301              | 3,528                          | 4,680     | 0.09          | 0.09        |
| 3      | 0                                | 101      | 176          | 110       | 592                | 479              | 2,932                          | 4,390     | 0.00          | 0.09        |
| 4      | 0                                | 101      | 181          | 110       | 252                | 142              | 2,374                          | 3,160     | 0.00          | 0.09        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal January 29<sup>th</sup> – February 4<sup>th</sup> 2018 averaged 95.7 MGD.

The average diversion for the 30-day period ending February 4<sup>th</sup> 2018 is 95.0 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for February 5<sup>th</sup> – February 11<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Feb 5 | 0                   | 64                    | 0                   | 115                 | 0                   | 71                    | 451                                      | 0                 | 0                 | 597                  |
| 6     | 0                   | 65                    | 0                   | 115                 | 0                   | 71                    | 451                                      | 0                 | 0                 | 597                  |
| 7     | 0                   | 65                    | 0                   | 111                 | 0                   | 71                    | 451                                      | 0                 | 0                 | 596                  |
| 8     | 0                   | 65                    | 0                   | 112                 | 0                   | 71                    | 451                                      | 204               | 0                 | 596                  |
| 9     | 0                   | 65                    | 0                   | 113                 | 0                   | 71                    | 450                                      | 200               | 0                 | 597                  |
| 10    | 0                   | 64                    | 0                   | 113                 | 0                   | 71                    | 302                                      | 200               | 0                 | 596                  |
| 11    | 0                   | 65                    | 0                   | 113                 | 0                   | 71                    | 0                                        | 200               | 257               | 596                  |

|                             |                                                                                     |                                                    |       |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage February 12, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 117.484 billion gallons<br>140.190 billion gallons | 83.8% | 1,267.11 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage February 12, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 71.569 billion gallons<br>95.706 billion gallons   | 74.8% | 1,133.19 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage February 12, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.349 billion gallons<br>34.941 billion gallons   | 92.6% | 1,434.64 (elev.ft.) |
| Combined contents, PCN:     | Available storage February 12, 2018 (0800)<br>Combined capacity at spillway level   | 221.402 billion gallons<br>270.837 billion gallons | 81.7% |                     |
| Lake Wallenpaupack:         | Available storage February 11, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.672 billion gallons<br>35.451 billion gallons   | 69.6% | 1,184.18 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Feb 5 | 0                                | 101      | 178          | 110       | 0                  | 71               | 2,870                          | 3,330     | 0.63          | 0.72       |
| 6     | 0                                | 101      | 179          | 110       | 596                | 124              | 2,780                          | 3,890     | 0.00          | 0.72       |
| 7     | 0                                | 101      | 178          | 110       | 590                | 160              | 2,591                          | 3,730     | 0.01          | 0.73       |
| 8     | 0                                | 99       | 178          | 110       | 627                | 53               | 2,883                          | 3,950     | 0.64          | 1.37       |
| 9     | 0                                | 101      | 172          | 110       | 676                | 213              | 3,458                          | 4,730     | 0.01          | 1.38       |
| 10    | 0                                | 101      | 173          | 110       | 700                | 337              | 3,005                          | 4,430     | 0.21          | 1.59       |
| 11    | 0                                | 101      | 175          | 110       | 0                  | 319              | 3,023                          | 3,710     | 0.19          | 1.78       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal February 5<sup>th</sup> – February 11<sup>th</sup> 2018 averaged 90.3 MGD.

The average diversion for the 30-day period ending February 11<sup>th</sup> 2018 is 94.5 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for February 12<sup>th</sup> – February 18<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Feb 12 | 0                   | 65                    | 0                   | 114                 | 0                   | 71                    | 0                                        | 200               | 203               | 595                  |
| 13     | 0                   | 65                    | 0                   | 113                 | 0                   | 71                    | 0                                        | 200               | 258               | 594                  |
| 14     | 0                   | 65                    | 0                   | 110                 | 0                   | 71                    | 3                                        | 201               | 258               | 594                  |
| 15     | 0                   | 65                    | 0                   | 112                 | 0                   | 71                    | 194                                      | 201               | 255               | 594                  |
| 16     | 0                   | 65                    | 0                   | 113                 | 0                   | 71                    | 202                                      | 261               | 0                 | 594                  |
| 17     | 0                   | 65                    | 0                   | 114                 | 0                   | 71                    | 202                                      | 272               | 0                 | 593                  |
| 18     | 0                   | 65                    | 0                   | 114                 | 0                   | 71                    | 203                                      | 272               | 0                 | 593                  |

|                             |                                                                                     |                                                    |       |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage February 19, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 122.138 billion gallons<br>140.190 billion gallons | 87.1% | 1,269.85 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage February 19, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 77.448 billion gallons<br>95.706 billion gallons   | 80.9% | 1,137.52 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage February 19, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.647 billion gallons<br>34.941 billion gallons   | 93.4% | 1,435.27 (elev.ft.) |
| Combined contents, PCN:     | Available storage February 19, 2018 (0800)<br>Combined capacity at spillway level   | 232.233 billion gallons<br>270.837 billion gallons | 85.7% |                     |
| Lake Wallenpaupack:         | Available storage February 18, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.212 billion gallons<br>35.451 billion gallons   | 65.5% | 1,183.41 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Feb 12 | 0                                | 101      | 175          | 110       | 0                  | 355              | 5,299                          | 6,040     | 0.29          | 2.07       |
| 13     | 0                                | 99       | 175          | 110       | 849                | 426              | 6,111                          | 7,770     | 0.01          | 2.08       |
| 14     | 0                                | 101      | 176          | 110       | 1,074              | 532              | 5,537                          | 7,530     | 0.00          | 2.08       |
| 15     | 0                                | 101      | 175          | 110       | 1,135              | 550              | 5,539                          | 7,610     | 0.09          | 2.17       |
| 16     | 0                                | 101      | 170          | 110       | 1,657              | 550              | 7,912                          | 10,500    | 0.17          | 2.34       |
| 17     | 0                                | 101      | 173          | 110       | 1,488              | 550              | 12,278                         | 14,700    | 0.00          | 2.34       |
| 18     | 0                                | 101      | 175          | 110       | 1,631              | 550              | 9,733                          | 12,300    | 0.32          | 2.66       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal February 12<sup>th</sup> – February 18<sup>th</sup> 2018 averaged 92.5 MGD.

The average diversion for the 30-day period ending February 18<sup>th</sup> 2018 is 93.9 MGD, the maximum is 99 MGD.

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Summary river data for February 19<sup>th</sup> – February 25<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Feb 19 | 0                   | 65                    | 0                   | 114                 | 0                   | 71                    | 203                                      | 273               | 0                 | 592                  |
| 20     | 0                   | 65                    | 0                   | 116                 | 0                   | 82                    | 204                                      | 272               | 252               | 593                  |
| 21     | 0                   | 65                    | 0                   | 116                 | 0                   | 123                   | 208                                      | 272               | 258               | 593                  |
| 22     | 0                   | 65                    | 0                   | 115                 | 0                   | 122                   | 450                                      | 22                | 258               | 594                  |
| 23     | 0                   | 151                   | 0                   | 169                 | 0                   | 123                   | 150                                      | 0                 | 259               | 593                  |
| 24     | 0                   | 262                   | 0                   | 436                 | 0                   | 123                   | 0                                        | 0                 | 95                | 591                  |
| 25     | 0                   | 389                   | 0                   | 680                 | 0                   | 123                   | 0                                        | 0                 | 0                 | 589                  |

|                             |                                                                                     |                                                    |       |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage February 26, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 128.761 billion gallons<br>140.190 billion gallons | 91.8% | 1,273.66 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage February 26, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 88.057 billion gallons<br>95.706 billion gallons   | 92.0% | 1,144.97 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage February 26, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.340 billion gallons<br>34.941 billion gallons   | 98.3% | 1,438.78 (elev.ft.) |
| Combined contents, PCN:     | Available storage February 26, 2018 (0800)<br>Combined capacity at spillway level   | 251.158 billion gallons<br>270.837 billion gallons | 92.7% |                     |
| Lake Wallenpaupack:         | Available storage February 25, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 21.228 billion gallons<br>35.451 billion gallons   | 59.9% | 1,182.27 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Feb 19 | 0                                | 101      | 176          | 110       | 1,632              | 727              | 7,654                          | 10,400    | 0.00          | 2.66       |
| 20     | 0                                | 101      | 176          | 110       | 1,630              | 745              | 9,138                          | 11,900    | 0.52          | 3.18       |
| 21     | 0                                | 101      | 176          | 110       | 1,629              | 745              | 14,339                         | 17,100    | 0.00          | 3.18       |
| 22     | 0                                | 101      | 179          | 127       | 1,452              | 851              | 15,790                         | 18,500    | 0.03          | 3.21       |
| 23     | 0                                | 101      | 179          | 190       | 1,421              | 851              | 14,958                         | 17,700    | 0.49          | 3.70       |
| 24     | 0                                | 101      | 178          | 189       | 1,446              | 851              | 13,835                         | 16,600    | 0.35          | 4.05       |
| 25     | 0                                | 101      | 261          | 190       | 1,447              | 851              | 20,650                         | 23,500    | 0.61          | 4.66       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal February 19<sup>th</sup> – February 25<sup>th</sup> 2018 averaged 94.8 MGD.

The average diversion for the 30-day period ending February 25<sup>th</sup> 2018 is 93.5 MGD, the maximum is 98 MGD.



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Summary river data for February 26<sup>th</sup> – March 4<sup>th</sup> 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Feb 26 | 0                   | 452                   | 0                   | 876                 | 0                   | 123                   | 0                                        | 0                 | 0                 | 587                  |
| 27     | 0                   | 450                   | 0                   | 968                 | 0                   | 123                   | 0                                        | 0                 | 0                 | 585                  |
| 28     | 0                   | 452                   | 0                   | 969                 | 0                   | 123                   | 0                                        | 0                 | 0                 | 583                  |
| Mar 1  | 0                   | 452                   | 0                   | 971                 | 157                 | 123                   | 0                                        | 0                 | 0                 | 580                  |
| 2      | 0                   | 452                   | 0                   | 970                 | 306                 | 123                   | 0                                        | 0                 | 0                 | 578                  |
| 3      | 0                   | 452                   | 0                   | 964                 | 188                 | 123                   | 0                                        | 0                 | 0                 | 576                  |
| 4      | 0                   | 452                   | 0                   | 965                 | 145                 | 123                   | 0                                        | 0                 | 0                 | 574                  |

|                             |                                        |                         |        |                     |
|-----------------------------|----------------------------------------|-------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage March 5, 2018 (0800) | 132.718 billion gallons | 94.7%  | 1,275.89 (elev.ft.) |
|                             | Spillway crest elevation 1,280.00 ft.  | 140.190 billion gallons |        |                     |
| Cannonsville Reservoir (C): | Available storage March 5, 2018 (0800) | 90.579 billion gallons  | 94.6%  | 1,146.63 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.  | 95.706 billion gallons  |        |                     |
| Neversink Reservoir (N):    | Available storage March 5, 2018 (0800) | 35.060 billion gallons  | 100.3% | 1,440.24 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.  | 34.941 billion gallons  |        |                     |
| Combined contents, PCN:     | Available storage March 5, 2018 (0800) | 258.357 billion gallons | 95.4%  |                     |
|                             | Combined capacity at spillway level    | 270.837 billion gallons |        |                     |
| Lake Wallenpaupack:         | Available storage March 4, 2018 (0800) | 22.482 billion gallons  | 63.4%  | 1,182.97 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.  | 35.451 billion gallons  |        |                     |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Feb 26 | 0                                | 234      | 674          | 190       | 1,470              | 851              | 26,381                         | 29,800    | 0.10          | 4.76        |
| 27     | 0                                | 405      | 1,052        | 190       | 1,567              | 851              | 17,635                         | 21,700    | 0.00          | 4.76        |
| 28     | 0                                | 602      | 1,355        | 190       | 1,630              | 851              | 12,772                         | 17,400    | <u>0.00</u>   | <u>4.76</u> |
| Mar 1  | 0                                | 699      | 1,497        | 190       | 1,632              | 851              | 10,231                         | 15,100    | 0.00          | 0.00        |
| 2      | 0                                | 696      | 1,499        | 190       | 1,264              | 851              | 12,800                         | 17,300    | 0.85          | 0.85        |
| 3      | 0                                | 699      | 1,502        | 190       | 492                | 851              | 14,466                         | 18,200    | 0.65          | 1.50        |
| 4      | 0                                | 699      | 1,501        | 190       | 500                | 851              | 11,159                         | 14,900    | 0.00          | 1.50        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal February 26<sup>th</sup> – March 4<sup>th</sup> 2018 averaged 85.2 MGD.

The average diversion for the 30-day period ending March 4<sup>th</sup> 2018 is 84.7 MGD, the maximum is 98 MGD.

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Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for March 5<sup>th</sup> – March 11<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Mar 5 | 0                   | 452                   | 0                   | 965                 | 34                  | 122                   | 0                                        | 0                 | 242               | 573                  |
| 6     | 0                   | 452                   | 0                   | 967                 | 0                   | 122                   | 0                                        | 0                 | 297               | 572                  |
| 7     | 0                   | 452                   | 0                   | 967                 | 0                   | 123                   | 0                                        | 0                 | 303               | 571                  |
| 8     | 0                   | 452                   | 0                   | 967                 | 0                   | 123                   | 0                                        | 0                 | 300               | 570                  |
| 9     | 0                   | 452                   | 0                   | 967                 | 0                   | 123                   | 147                                      | 0                 | 294               | 570                  |
| 10    | 0                   | 395                   | 0                   | 964                 | 0                   | 108                   | 194                                      | 0                 | 248               | 569                  |
| 11    | 0                   | 466                   | 0                   | 839                 | 0                   | 123                   | 203                                      | 0                 | 259               | 569                  |

|                             |                                                                                  |                                                    |       |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage March 12, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 132.665 billion gallons<br>140.190 billion gallons | 94.6% | 1,275.86 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage March 12, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 88.465 billion gallons<br>95.706 billion gallons   | 92.4% | 1,145.24 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage March 12, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.534 billion gallons<br>34.941 billion gallons   | 96.0% | 1,437.12(elev.ft.)  |
| Combined contents, PCN:     | Available storage March 12, 2018 (0800)<br>Combined capacity at spillway level   | 254.664 billion gallons<br>270.837 billion gallons | 94.0% |                     |
| Lake Wallenpaupack:         | Available storage March 11, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.577 billion gallons<br>35.451 billion gallons   | 66.5% | 1,183.63 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Mar 5 | 0                                | 699      | 1,491        | 190       | 501                | 851              | 9,268                          | 13,000    | 0.00          | 1.50       |
| 6     | 0                                | 699      | 1,493        | 190       | 500                | 851              | 7,867                          | 11,600    | 0.00          | 1.50       |
| 7     | 0                                | 699      | 1,493        | 189       | 500                | 851              | 7,568                          | 11,300    | 0.17          | 1.67       |
| 8     | 0                                | 699      | 1,496        | 189       | 495                | 762              | 7,659                          | 11,300    | 0.34          | 2.01       |
| 9     | 0                                | 699      | 1,496        | 190       | 1,106              | 301              | 6,308                          | 10,100    | 0.01          | 2.02       |
| 10    | 0                                | 699      | 1,496        | 190       | 594                | 0                | 5,281                          | 8,260     | 0.01          | 2.03       |
| 11    | 0                                | 699      | 1,496        | 190       | 0                  | 0                | 5,175                          | 7,560     | 0.00          | 2.03       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal March 5<sup>th</sup> – March 11<sup>th</sup> 2018 averaged 97.1 MGD.

The average diversion for the 30-day period ending March 11<sup>th</sup> 2018 is 86.3 MGD, the maximum is 98 MGD.

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Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for March 12<sup>th</sup> – March 18<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Mar 12 | 0                   | 213                   | 0                   | 612                 | 0                   | 71                    | 202                                      | 0                 | 248               | 568                  |
| 13     | 0                   | 194                   | 0                   | 603                 | 0                   | 71                    | 203                                      | 0                 | 259               | 568                  |
| 14     | 0                   | 194                   | 0                   | 112                 | 0                   | 71                    | 203                                      | 0                 | 259               | 568                  |
| 15     | 0                   | 194                   | 0                   | 113                 | 0                   | 71                    | 346                                      | 0                 | 258               | 568                  |
| 16     | 0                   | 194                   | 0                   | 114                 | 0                   | 71                    | 401                                      | 0                 | 258               | 568                  |
| 17     | 0                   | 194                   | 0                   | 113                 | 0                   | 71                    | 401                                      | 0                 | 258               | 568                  |
| 18     | 0                   | 194                   | 0                   | 113                 | 0                   | 71                    | 401                                      | 0                 | 258               | 569                  |

|                             |                                                                                  |                                                    |       |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage March 19, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 131.702 billion gallons<br>140.190 billion gallons | 93.9% | 1,275.32 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage March 19, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 90.153 billion gallons<br>95.706 billion gallons   | 94.2% | 1,146.35 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage March 19, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.132 billion gallons<br>34.941 billion gallons   | 92.0% | 1,434.18(elev.ft.)  |
| Combined contents, PCN:     | Available storage March 19, 2018 (0800)<br>Combined capacity at spillway level   | 253.987 billion gallons<br>270.837 billion gallons | 93.8% |                     |
| Lake Wallenpaupack:         | Available storage March 18, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 22.124 billion gallons<br>35.451 billion gallons   | 62.4% | 1,182.83 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Mar 12 | 0                                | 699      | 1,491        | 167       | 0                  | 319              | 5,394                          | 8,070     | 0.00          | 2.03       |
| 13     | 0                                | 670      | 1,298        | 190       | 882                | 479              | 4,761                          | 8,280     | 0.22          | 2.25       |
| 14     | 0                                | 664      | 947          | 110       | 1,161              | 426              | 3,992                          | 7,300     | 0.04          | 2.29       |
| 15     | 0                                | 330      | 933          | 110       | 1,134              | 426              | 3,637                          | 6,570     | 0.13          | 2.42       |
| 16     | 0                                | 300      | 173          | 110       | 1,157              | 443              | 4,107                          | 6,290     | 0.01          | 2.43       |
| 17     | 0                                | 300      | 175          | 110       | 1,083              | 461              | 3,361                          | 5,490     | 0.00          | 2.43       |
| 18     | 0                                | 300      | 176          | 110       | 0                  | 408              | 3,556                          | 4,550     | 0.00          | 2.43       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal March 12<sup>th</sup> – March 18<sup>th</sup> 2018 averaged 96.4 MGD.

The average diversion for the 30-day period ending March 18<sup>th</sup> 2018 is 93.5 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for March 19<sup>th</sup> – March 25<sup>th</sup> 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                     |                     |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|---------------------|---------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville        |                     | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin<br>2400 | Release<br>end 2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Mar 19 | 0                   | 194                   | 0                   | 114                 | 0                   | 71                    | 401                                      | 0                 | 258               | 569                  |
| 20     | 0                   | 159                   | 0                   | 133                 | 0                   | 50                    | 401                                      | 0                 | 216               | 569                  |
| 21     | 0                   | 149                   | 0                   | 197                 | 0                   | 48                    | 401                                      | 0                 | 215               | 569                  |
| 22     | 0                   | 150                   | 0                   | 198                 | 0                   | 48                    | 447                                      | 0                 | 257               | 570                  |
| 23     | 0                   | 150                   | 0                   | 237                 | 0                   | 48                    | 450                                      | 168               | 49                | 570                  |
| 24     | 0                   | 150                   | 0                   | 351                 | 0                   | 48                    | 451                                      | 201               | 0                 | 570                  |
| 25     | 0                   | 151                   | 0                   | 356                 | 0                   | 48                    | 451                                      | 201               | 0                 | 571                  |

|                             |                                                                                  |                                                    |       |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage March 26, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 129.589 billion gallons<br>140.190 billion gallons | 92.4% | 1,274.13 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage March 26, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 90.153 billion gallons<br>95.706 billion gallons   | 94.2% | 1,146.35 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage March 26, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 31.457 billion gallons<br>34.941 billion gallons   | 90.0% | 1,432.74(elev.ft.)  |
| Combined contents, PCN:     | Available storage March 26, 2018 (0800)<br>Combined capacity at spillway level   | 251.199 billion gallons<br>270.837 billion gallons | 92.7% |                     |
| Lake Wallenpaupack:         | Available storage March 25, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 20.690 billion gallons<br>35.451 billion gallons   | 58.4% | 1,182.09 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Mar 19 | 0                                | 300      | 175          | 110       | 0                  | 426              | 3,869                          | 4,880     | 0.00          | 2.43       |
| 20     | 0                                | 300      | 175          | 110       | 786                | 603              | 3,256                          | 5,230     | 0.00          | 2.43       |
| 21     | 0                                | 300      | 176          | 110       | 846                | 367              | 2,921                          | 4,690     | 0.00          | 2.43       |
| 22     | 0                                | 300      | 206          | 77        | 820                | 89               | 3,048                          | 4,540     | 0.00          | 2.43       |
| 23     | 0                                | 246      | 305          | 74        | 834                | 248              | 2,933                          | 4,640     | 0.00          | 2.43       |
| 24     | 0                                | 231      | 306          | 74        | 848                | 106              | 2,545                          | 4,110     | 0.00          | 2.43       |
| 25     | 0                                | 232      | 367          | 74        | 0                  | 0                | 3,177                          | 3,850     | 0.00          | 2.43       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal March 19<sup>th</sup> – March 25<sup>th</sup> 2018 averaged 93.5 MGD.

The average diversion for the 30-day period ending March 25<sup>th</sup> 2018 is 92.9 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for March 26<sup>th</sup> – April 1<sup>st</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Mar 26 | 0                   | 150                   | 0                | 353                    | 0                   | 48                    | 449                                      | 200               | 0                 | 571                  |
| 27     | 0                   | 150                   | 0                | 466                    | 0                   | 48                    | 451                                      | 201               | 0                 | 571                  |
| 28     | 0                   | 150                   | 0                | 798                    | 0                   | 48                    | 450                                      | 201               | 0                 | 571                  |
| 29     | 0                   | 150                   | 0                | 793                    | 0                   | 48                    | 451                                      | 201               | 0                 | 572                  |
| 30     | 0                   | 77                    | 0                | 731                    | 0                   | 48                    | 450                                      | 34                | 0                 | 571                  |
| 31     | 0                   | 65                    | 0                | 280                    | 0                   | 48                    | 450                                      | 0                 | 0                 | 571                  |
| Apr 1  | 0                   | 65                    | 0                | 244                    | 0                   | 48                    | 451                                      | 0                 | 0                 | 571                  |

|                             |                                                                                 |                                                    |       |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage April 2, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 132.773 billion gallons<br>140.190 billion gallons | 94.7% | 1,275.92 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage April 2, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 94.261 billion gallons<br>95.706 billion gallons   | 98.5% | 1,149.05 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage April 2, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.496 billion gallons<br>34.941 billion gallons   | 93.0% | 1,434.95 (elev.ft.) |
| Combined contents, PCN:     | Available storage April 2, 2018 (0800)<br>Combined capacity at spillway level   | 259.530 billion gallons<br>270.837 billion gallons | 95.8% |                     |
| Lake Wallenpaupack:         | Available storage April 1, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 22.124 billion gallons<br>35.451 billion gallons   | 62.4% | 1,182.83 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Mar 26 | 0                                | 232      | 543          | 74        | 0                  | 142              | 3,479                          | 4,470     | 0.00          | 2.43        |
| 27     | 0                                | 232      | 551          | 74        | 851                | 177              | 3,195                          | 5,080     | 0.00          | 2.43        |
| 28     | 0                                | 234      | 546          | 74        | 834                | 0                | 3,542                          | 5,230     | 0.23          | 2.66        |
| 29     | 0                                | 232      | 721          | 74        | 849                | 71               | 5,143                          | 7,090     | 0.00          | 2.66        |
| 30     | 0                                | 232      | 1,235        | 74        | 361                | 89               | 6,779                          | 8,770     | 0.12          | 2.78        |
| 31     | 0                                | 232      | 1,227        | 74        | 0                  | 266              | 12,001                         | 3,800     | <u>0.01</u>   | <u>2.79</u> |
| Apr 1  | 0                                | 232      | 1,131        | 74        | 0                  | 0                | 10,263                         | 11,700    | 0.00          | 0.00        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal March 26<sup>th</sup> – April 1<sup>st</sup>, 2018 averaged 92.9 MGD.

The average diversion for the 30-day period ending April 1<sup>st</sup> 2018 is 94.6 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for April 2<sup>nd</sup> – April 8<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Apr 2 | 0                   | 65                    | 0                | 304                    | 0                   | 48                    | 451                                      | 0                 | 199               | 571                  |
| 3     | 0                   | 65                    | 37               | 508                    | 0                   | 48                    | 451                                      | 0                 | 109               | 571                  |
| 4     | 0                   | 65                    | 254              | 920                    | 0                   | 48                    | 450                                      | 182               | 0                 | 571                  |
| 5     | 0                   | 65                    | 447              | 967                    | 0                   | 48                    | 451                                      | 118               | 0                 | 571                  |
| 6     | 0                   | 101                   | 552              | 968                    | 0                   | 48                    | 451                                      | 0                 | 0                 | 571                  |
| 7     | 0                   | 124                   | 602              | 967                    | 0                   | 48                    | 451                                      | 0                 | 0                 | 570                  |
| 8     | 0                   | 124                   | 513              | 966                    | 0                   | 48                    | 451                                      | 0                 | 0                 | 570                  |

|                             |                                                                                 |                                                    |        |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage April 9, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 138.058 billion gallons<br>140.190 billion gallons | 98.5%  | 1,278.84 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage April 9, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 97.251 billion gallons<br>95.706 billion gallons   | 101.6% | 1,150.96 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage April 9, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.736 billion gallons<br>34.941 billion gallons   | 96.6%  | 1,437.54 (elev.ft.) |
| Combined contents, PCN:     | Available storage April 9, 2018 (0800)<br>Combined capacity at spillway level   | 296.045 billion gallons<br>270.837 billion gallons | 99.3%  |                     |
| Lake Wallenpaupack:         | Available storage April 8, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.307 billion gallons<br>35.451 billion gallons   | 68.6%  | 1,184.05 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Apr 2 | 0                                | 119      | 433          | 74        | 0                  | 337              | 9,837                          | 10,800    | 0.11          | 0.11       |
| 3     | 0                                | 101      | 377          | 74        | 0                  | 567              | 9,781                          | 10,900    | 0.08          | 0.19       |
| 4     | 0                                | 101      | 470          | 74        | 316                | 567              | 12,472                         | 14,000    | 0.50          | 0.69       |
| 5     | 0                                | 101      | 786          | 74        | 572                | 603              | 13,764                         | 15,900    | 0.07          | 0.76       |
| 6     | 0                                | 101      | 1,423        | 74        | 1,417              | 603              | 10,682                         | 14,300    | 0.00          | 0.76       |
| 7     | 0                                | 101      | 1,496        | 74        | 1,299              | 603              | 8,627                          | 12,200    | 0.32          | 1.08       |
| 8     | 0                                | 101      | 1,497        | 74        | 0                  | 603              | 8,725                          | 11,000    | 0.00          | 1.08       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal April 2<sup>nd</sup> – April 8<sup>th</sup>, 2018 averaged 95.3 MGD.

The average diversion for the 30-day period ending April 8<sup>th</sup> 2018 is 94.7 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for April 9<sup>th</sup> – April 15<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Apr 9 | 0                   | 124                   | 376              | 966                    | 0                   | 48                    | 451                                      | 0                 | 226               | 570                  |
| 10    | 0                   | 124                   | 234              | 966                    | 0                   | 48                    | 450                                      | 180               | 0                 | 570                  |
| 11    | 0                   | 125                   | 96               | 960                    | 0                   | 48                    | 450                                      | 219               | 0                 | 571                  |
| 12    | 0                   | 125                   | 30               | 960                    | 0                   | 48                    | 450                                      | 0                 | 0                 | 570                  |
| 13    | 0                   | 124                   | 14               | 963                    | 0                   | 48                    | 450                                      | 0                 | 0                 | 570                  |
| 14    | 0                   | 124                   | 2                | 971                    | 0                   | 48                    | 450                                      | 0                 | 0                 | 570                  |
| 15    | 2                   | 130                   | 0                | 975                    | 0                   | 53                    | 152                                      | 0                 | 0                 | 568                  |

|                             |                                                                                  |                                                    |        |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage April 16, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.301 billion gallons<br>140.190 billion gallons | 100.1% | 1,280.06 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage April 16, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 95.615 billion gallons<br>95.706 billion gallons   | 99.9%  | 1,149.94 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage April 16, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.818 billion gallons<br>34.941 billion gallons   | 99.6%  | 1,439.75 (elev.ft.) |
| Combined contents, PCN:     | Available storage April 16, 2018 (0800)<br>Combined capacity at spillway level   | 270.734 billion gallons<br>270.837 billion gallons | 100.0% |                     |
| Lake Wallenpaupack:         | Available storage April 15, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 25.402 billion gallons<br>35.451 billion gallons   | 71.7%  | 1,184.59 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Apr 9 | 0                                | 156      | 1,496        | 74        | 0                  | 603              | 7,871                          | 10,200    | 0.00          | 1.08       |
| 10    | 0                                | 192      | 1,494        | 74        | 767                | 603              | 6,300                          | 9,430     | 0.00          | 1.08       |
| 11    | 0                                | 192      | 1,494        | 74        | 753                | 603              | 5,424                          | 8,540     | 0.00          | 1.08       |
| 12    | 0                                | 192      | 1,494        | 74        | 276                | 550              | 4,604                          | 7,190     | 0.00          | 1.08       |
| 13    | 0                                | 192      | 1,485        | 74        | 0                  | 496              | 4,483                          | 6,730     | 0.11          | 1.19       |
| 14    | 0                                | 193      | 1,485        | 74        | 0                  | 408              | 4,300                          | 6,460     | 0.01          | 1.20       |
| 15    | 0                                | 193      | 1,490        | 74        | 0                  | 301              | 4,612                          | 6,670     | 0.00          | 1.20       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal April 9<sup>th</sup> – April 15<sup>th</sup>, 2018 averaged 94.9 MGD.

The average diversion for the 30-day period ending April 15<sup>th</sup> 2018 is 94.2 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for April 16<sup>th</sup> – April 22<sup>nd</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Apr 16 | 646                 | 144                   | 29               | 972                    | 474                 | 71                    | 0                                        | 0                 | 0                 | 567                  |
| 17     | 1,628               | 35                    | 260              | 930                    | 574                 | 78                    | 380                                      | 0                 | 82                | 566                  |
| 18     | 1,158               | 187                   | 515              | 546                    | 280                 | 71                    | 451                                      | 0                 | 76                | 566                  |
| 19     | 772                 | 436                   | 763              | 214                    | 199                 | 71                    | 450                                      | 0                 | 78                | 566                  |
| 20     | 413                 | 450                   | 901              | 146                    | 117                 | 71                    | 451                                      | 0                 | 115               | 566                  |
| 21     | 203                 | 450                   | 664              | 796                    | 174                 | 71                    | 450                                      | 0                 | 0                 | 566                  |
| 22     | 72                  | 450                   | 391              | 965                    | 181                 | 71                    | 450                                      | 0                 | 0                 | 565                  |

|                             |                                                                                  |                                                    |        |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage April 23, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.320 billion gallons<br>140.190 billion gallons | 100.1% | 1,280.07 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage April 23, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 96.881 billion gallons<br>95.706 billion gallons   | 101.2% | 1,150.73 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage April 23, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 35.090 billion gallons<br>34.941 billion gallons   | 100.4% | 1,440.30 (elev.ft.) |
| Combined contents, PCN:     | Available storage April 23, 2018 (0800)<br>Combined capacity at spillway level   | 272.291 billion gallons<br>270.837 billion gallons | 100.5% |                     |
| Lake Wallenpaupack:         | Available storage April 22, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 27.957 billion gallons<br>35.451 billion gallons   | 78.9%  | 1,186.04 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Apr 16 | 0                                | 192      | 1,502        | 74        | 0                  | 461              | 6,901                          | 9,130     | 0.13          | 1.33       |
| 17     | 0                                | 192      | 1,508        | 82        | 829                | 585              | 15,404                         | 18,600    | 0.96          | 2.29       |
| 18     | 0                                | 201      | 1,504        | 110       | 824                | 621              | 14,940                         | 18,200    | 0.05          | 2.34       |
| 19     | 0                                | 223      | 1,439        | 121       | 1,139              | 603              | 11,875                         | 15,400    | 0.06          | 2.40       |
| 20     | 0                                | 54       | 845          | 110       | 1,154              | 603              | 10,234                         | 13,000    | 0.03          | 2.43       |
| 21     | 0                                | 298      | 331          | 110       | 0                  | 603              | 9,567                          | 10,900    | 0.00          | 2.43       |
| 22     | 0                                | 674      | 226          | 110       | 0                  | 426              | 8,764                          | 10,200    | 0.00          | 2.43       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal April 16<sup>th</sup> – April 22<sup>nd</sup>, 2018 averaged 81.6 MGD.

The average diversion for the 30-day period ending April 22<sup>nd</sup> 2018 is 91.2 MGD, the maximum is 96 MGD.



OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for April 23<sup>rd</sup> – April 29<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Apr 23 | 9                   | 450                   | 211              | 965                    | 150                 | 83                    | 450                                      | 0                 | 0                 | 565                  |
| 24     | 0                   | 450                   | 91               | 965                    | 145                 | 92                    | 343                                      | 0                 | 0                 | 564                  |
| 25     | 0                   | 450                   | 91               | 965                    | 355                 | 102                   | 450                                      | 0                 | 0                 | 564                  |
| 26     | 19                  | 450                   | 222              | 966                    | 377                 | 102                   | 450                                      | 0                 | 0                 | 564                  |
| 27     | 96                  | 450                   | 278              | 965                    | 304                 | 106                   | 451                                      | 0                 | 0                 | 563                  |
| 28     | 201                 | 450                   | 314              | 965                    | 286                 | 105                   | 451                                      | 0                 | 0                 | 563                  |
| 29     | 239                 | 450                   | 291              | 966                    | 253                 | 108                   | 451                                      | 0                 | 0                 | 563                  |

|                             |                                                                                  |                                                    |        |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage April 30, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.746 billion gallons<br>140.190 billion gallons | 100.4% | 1,280.30 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage April 30, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 96.848 billion gallons<br>95.706 billion gallons   | 101.2% | 1,150.71 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage April 30, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 35.115 billion gallons<br>34.941 billion gallons   | 100.5% | 1,440.35 (elev.ft.) |
| Combined contents, PCN:     | Available storage April 30, 2018 (0800)<br>Combined capacity at spillway level   | 272.709 billion gallons<br>270.837 billion gallons | 100.7% |                     |
| Lake Wallenpaupack:         | Available storage April 29, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 29.071 billion gallons<br>35.451 billion gallons   | 82.0%  | 1,186.61 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Apr 23 | 0                                | 696      | 1,231        | 110       | 0                  | 390              | 7,003                          | 9,430     | 0.00          | 2.43       |
| 24     | 0                                | 696      | 1,493        | 110       | 747                | 284              | 5,450                          | 8,780     | 0.00          | 2.43       |
| 25     | 0                                | 696      | 1,493        | 128       | 1,137              | 142              | 5,354                          | 8,950     | 0.39          | 2.82       |
| 26     | 0                                | 696      | 1,493        | 142       | 1,306              | 89               | 7,374                          | 11,100    | 0.49          | 3.31       |
| 27     | 0                                | 696      | 1,493        | 158       | 208                | 89               | 8,356                          | 11,000    | 0.00          | 3.31       |
| 28     | 0                                | 696      | 1,494        | 158       | 0                  | 177              | 8,775                          | 11,300    | 0.24          | 3.55       |
| 29     | 0                                | 696      | 1,493        | 164       | 0                  | 0                | 8,647                          | 11,000    | 0.07          | 3.62       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal April 23<sup>rd</sup> – April 29<sup>th</sup>, 2018 averaged 93.2 MGD.

The average diversion for the 30-day period ending April 29<sup>th</sup> 2018 is 91.5 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for April 30<sup>th</sup> – May 6<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Apr 30 | 293                 | 450                   | 278              | 965                    | 233                 | 111                   | 451                                      | 0                 | 0                 | 562                  |
| May 1  | 192                 | 450                   | 262              | 968                    | 213                 | 111                   | 451                                      | 0                 | 0                 | 562                  |
| 2      | 100                 | 373                   | 213              | 972                    | 127                 | 111                   | 450                                      | 0                 | 0                 | 562                  |
| 3      | 107                 | 350                   | 157              | 971                    | 54                  | 111                   | 450                                      | 0                 | 116               | 562                  |
| 4      | 171                 | 350                   | 142              | 972                    | 16                  | 107                   | 450                                      | 0                 | 116               | 562                  |
| 5      | 157                 | 350                   | 116              | 971                    | 4                   | 70                    | 450                                      | 0                 | 172               | 562                  |
| 6      | 189                 | 350                   | 94               | 971                    | 0                   | 66                    | 451                                      | 0                 | 188               | 562                  |

|                             |                                                                               |                                                    |        |                     |
|-----------------------------|-------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage May 7, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.505 billion gallons<br>140.190 billion gallons | 100.2% | 1,280.17 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage May 7, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 96.285 billion gallons<br>95.706 billion gallons   | 100.6% | 1,150.36 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage May 7, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.843 billion gallons<br>34.941 billion gallons   | 99.7%  | 1,439.80 (elev.ft.) |
| Combined contents, PCN:     | Available storage May 7, 2018 (0800)<br>Combined capacity at spillway level   | 271.633 billion gallons<br>270.837 billion gallons | 100.3% |                     |
| Lake Wallenpaupack:         | Available storage May 6, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 29.443 billion gallons<br>35.451 billion gallons   | 83.1%  | 1,186.80 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Apr 30 | 0                                | 696      | 1,493        | 162       | 0                  | 89               | 7,760                          | 10,200    | <u>0.10</u>   | <u>3.72</u> |
| May 1  | 0                                | 696      | 1,494        | 167       | 0                  | 53               | 7,360                          | 9,770     | 0.10          | 0.10        |
| 2      | 0                                | 696      | 1,493        | 172       | 322                | 230              | 6,777                          | 9,690     | 0.00          | 0.10        |
| 3      | 0                                | 696      | 1,497        | 172       | 324                | 89               | 6,342                          | 9,120     | 0.00          | 0.10        |
| 4      | 0                                | 696      | 1,504        | 172       | 1,004              | 106              | 5,148                          | 8,630     | 0.16          | 0.26        |
| 5      | 0                                | 577      | 1,502        | 172       | 633                | 89               | 4,337                          | 7,310     | 0.06          | 0.32        |
| 6      | 0                                | 541      | 1,504        | 166       | 0                  | 0                | 4,609                          | 6,820     | 0.12          | 0.44        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal April 30<sup>th</sup> – May 6<sup>th</sup>, 2018 averaged 94.3 MGD.

The average diversion for the 30-day period ending May 6<sup>th</sup> 2018 is 91.3 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for May 7<sup>th</sup> – May 13<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| May 7 | 165                 | 184                   | 87               | 971                    | 0                   | 64                    | 451                                      | 0                 | 203               | 562                  |
| 8     | 138                 | 171                   | 64               | 900                    | 0                   | 65                    | 484                                      | 0                 | 203               | 563                  |
| 9     | 100                 | 194                   | 57               | 710                    | 0                   | 65                    | 500                                      | 0                 | 203               | 563                  |
| 10    | 110                 | 194                   | 66               | 667                    | 0                   | 64                    | 219                                      | 0                 | 122               | 562                  |
| 11    | 153                 | 194                   | 65               | 667                    | 0                   | 65                    | 488                                      | 0                 | 0                 | 562                  |
| 12    | 97                  | 194                   | 53               | 667                    | 0                   | 65                    | 502                                      | 0                 | 104               | 562                  |
| 13    | 61                  | 194                   | 43               | 667                    | 0                   | 65                    | 460                                      | 0                 | 0                 | 562                  |

|                             |                                                                                |                                                    |        |                     |
|-----------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage May 14, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.357 billion gallons<br>140.190 billion gallons | 100.1% | 1,280.09 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage May 14, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 96.012 billion gallons<br>95.706 billion gallons   | 100.3% | 1,150.19 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage May 14, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.695 billion gallons<br>34.941 billion gallons   | 99.3%  | 1,439.50 (elev.ft.) |
| Combined contents, PCN:     | Available storage May 14, 2018 (0800)<br>Combined capacity at spillway level   | 271.064 billion gallons<br>270.837 billion gallons | 100.1% |                     |
| Lake Wallenpaupack:         | Available storage May 13, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 30.557 billion gallons<br>35.451 billion gallons   | 86.2%  | 1,187.42 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| May 7 | 0                                | 541      | 1,502        | 108       | 0                  | 18               | 5,281                          | 7,450     | 0.38          | 0.82       |
| 8     | 0                                | 541      | 1,502        | 102       | 0                  | 142              | 5,333                          | 7,620     | 0.00          | 0.82       |
| 9     | 0                                | 541      | 1,502        | 99        | 0                  | 35               | 4,483                          | 6,660     | 0.00          | 0.82       |
| 10    | 0                                | 285      | 1,392        | 101       | 622                | 106              | 4,094                          | 6,600     | 0.00          | 0.82       |
| 11    | 0                                | 265      | 1,098        | 101       | 698                | 106              | 4,162                          | 6,430     | 0.46          | 1.28       |
| 12    | 0                                | 300      | 1,032        | 99        | 347                | 89               | 4,243                          | 6,110     | 0.02          | 1.30       |
| 13    | 0                                | 300      | 1,032        | 101       | 0                  | 71               | 4,856                          | 6,360     | 0.18          | 1.48       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal May 7<sup>th</sup> – May 13<sup>th</sup>, 2018 averaged 93.3 MGD.

The average diversion for the 30-day period ending May 13<sup>th</sup> 2018 is 90.9 MGD, the maximum is 95 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for May 14<sup>th</sup> – May 20<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| May 14 | 23                  | 194                   | 28               | 667                    | 0                   | 65                    | 382                                      | 0                 | 121               | 562                  |
| 15     | 88                  | 194                   | 18               | 562                    | 0                   | 65                    | 263                                      | 0                 | 203               | 562                  |
| 16     | 82                  | 194                   | 28               | 472                    | 0                   | 65                    | 254                                      | 0                 | 203               | 561                  |
| 17     | 126                 | 194                   | 29               | 472                    | 0                   | 65                    | 64                                       | 0                 | 61                | 560                  |
| 18     | 172                 | 194                   | 23               | 472                    | 0                   | 65                    | 106                                      | 0                 | 92                | 559                  |
| 19     | 332                 | 194                   | 41               | 472                    | 20                  | 66                    | 204                                      | 0                 | 0                 | 558                  |
| 20     | 378                 | 194                   | 84               | 502                    | 248                 | 79                    | 390                                      | 0                 | 0                 | 557                  |

|                             |                                                                                |                                                    |        |                     |
|-----------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage May 21, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.857 billion gallons<br>140.190 billion gallons | 100.5% | 1,280.36 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage May 21, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 96.253 billion gallons<br>95.706 billion gallons   | 100.6% | 1,150.34 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage May 21, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 35.145 billion gallons<br>34.941 billion gallons   | 100.6% | 1,440.41 (elev.ft.) |
| Combined contents, PCN:     | Available storage May 21, 2018 (0800)<br>Combined capacity at spillway level   | 272.255 billion gallons<br>270.837 billion gallons | 100.5% |                     |
| Lake Wallenpaupack:         | Available storage May 20, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 30.928 billion gallons<br>35.451 billion gallons   | 87.2%  | 1,187.55 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| May 14 | 0                                | 300      | 1,032        | 101       | 0                  | 177              | 5,360                          | 6,970     | 0.08          | 1.56       |
| 15     | 0                                | 300      | 1,032        | 101       | 830                | 248              | 5,699                          | 8,210     | 0.00          | 1.56       |
| 16     | 0                                | 300      | 1,032        | 101       | 1,416              | 390              | 7,161                          | 10,400    | 0.45          | 2.01       |
| 17     | 0                                | 300      | 869          | 101       | 874                | 35               | 8,221                          | 10,400    | 0.01          | 2.02       |
| 18     | 0                                | 300      | 730          | 101       | 694                | 0                | 6,755                          | 8,580     | 0.00          | 2.02       |
| 19     | 0                                | 300      | 730          | 101       | 432                | 0                | 7,467                          | 9,030     | 0.21          | 2.23       |
| 20     | 0                                | 300      | 730          | 101       | 1,326              | 284              | 16,159                         | 18,900    | 0.86          | 3.09       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal May 14<sup>th</sup> – May 20<sup>th</sup>, 2018 averaged 87.7 MGD.

The average diversion for the 30-day period ending May 20<sup>th</sup> 2018 is 92.1 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for May 21<sup>st</sup> – May 27<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| May 21 | 246                 | 254                   | 87               | 538                    | 244                 | 123                   | 450                                      | 0                 | 0                 | 557                  |
| 22     | 177                 | 253                   | 109              | 539                    | 145                 | 123                   | 500                                      | 0                 | 65                | 557                  |
| 23     | 47                  | 194                   | 123              | 539                    | 63                  | 123                   | 500                                      | 0                 | 98                | 557                  |
| 24     | 11                  | 194                   | 107              | 539                    | 43                  | 80                    | 499                                      | 0                 | 74                | 557                  |
| 25     | 0                   | 193                   | 77               | 539                    | 34                  | 78                    | 499                                      | 0                 | 117               | 558                  |
| 26     | 0                   | 135                   | 51               | 494                    | 15                  | 78                    | 499                                      | 0                 | 128               | 558                  |
| 27     | 0                   | 101                   | 43               | 436                    | 2                   | 75                    | 425                                      | 0                 | 252               | 558                  |

|                             |                                                                                |                                                    |        |                     |
|-----------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage May 28, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 139.712 billion gallons<br>140.190 billion gallons | 99.7%  | 1,279.74 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage May 28, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 96.028 billion gallons<br>95.706 billion gallons   | 100.3% | 1,150.20 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage May 28, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.764 billion gallons<br>34.941 billion gallons   | 99.5%  | 1,439.64 (elev.ft.) |
| Combined contents, PCN:     | Available storage May 28, 2018 (0800)<br>Combined capacity at spillway level   | 270.504 billion gallons<br>270.837 billion gallons | 99.9%  |                     |
| Lake Wallenpaupack:         | Available storage May 27, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 29.628 billion gallons<br>35.451 billion gallons   | 83.6%  | 1,186.94 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| May 21 | 0                                | 300      | 730          | 102       | 2,035              | 851              | 13,082                         | 17,100    | 0.00          | 3.09       |
| 22     | 0                                | 300      | 777          | 122       | 1,765              | 780              | 9,156                          | 12,900    | 0.02          | 3.11       |
| 23     | 0                                | 300      | 832          | 190       | 834                | 426              | 12,918                         | 15,500    | 0.66          | 3.77       |
| 24     | 0                                | 393      | 834          | 190       | 834                | 426              | 11,623                         | 14,300    | 0.00          | 3.77       |
| 25     | 0                                | 391      | 834          | 190       | 833                | 426              | 8,426                          | 11,100    | 0.00          | 3.77       |
| 26     | 0                                | 300      | 834          | 124       | 833                | 426              | 6,773                          | 9,290     | 0.00          | 3.77       |
| 27     | 0                                | 300      | 834          | 121       | 838                | 426              | 5,621                          | 8,140     | 0.02          | 3.79       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal May 21<sup>st</sup> – May 27<sup>th</sup>, 2018 averaged 60.1 MGD.

The average diversion for the 30-day period ending May 27<sup>th</sup> 2018 is 84.5 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for May 28<sup>th</sup> – June 3<sup>rd</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| May 28 | 0                   | 90                    | 42               | 338                    | 0                   | 65                    | 400                                      | 0                 | 97                | 558                  |
| 29     | 0                   | 90                    | 35               | 290                    | 0                   | 65                    | 400                                      | 224               | 49                | 558                  |
| 30     | 0                   | 90                    | 4                | 290                    | 0                   | 65                    | 401                                      | 298               | 0                 | 559                  |
| 31     | 0                   | 90                    | 0                | 290                    | 0                   | 65                    | 401                                      | 299               | 82                | 559                  |
| June 1 | 0                   | 89                    | 0                | 283                    | 0                   | 70                    | 301                                      | 200               | 0                 | 501                  |
| 2      | 0                   | 90                    | 0                | 298                    | 0                   | 71                    | 24                                       | 201               | 258               | 492                  |
| 3      | 0                   | 90                    | 0                | 299                    | 0                   | 71                    | 0                                        | 201               | 194               | 460                  |

|                             |                                                                                |                                                    |       |                     |
|-----------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage June 4, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 138.200 billion gallons<br>140.190 billion gallons | 99.2% | 1,279.34 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage June 4, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 92.409 billion gallons<br>95.706 billion gallons   | 98.9% | 1,149.32 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage June 4, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.468 billion gallons<br>34.941 billion gallons   | 99.4% | 1,439.55 (elev.ft.) |
| Combined contents, PCN:     | Available storage June 4, 2018 (0800)<br>Combined capacity at spillway level   | 265.190 billion gallons<br>270.837 billion gallons | 99.2% |                     |
| Lake Wallenpaupack:         | Available storage June 3, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 30.185 billion gallons<br>35.451 billion gallons   | 85.1% | 1,187.16 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| May 28 | 0                                | 299      | 764          | 121       | 834                | 426              | 5,006                          | 7,450     | 0.13          | 3.92        |
| 29     | 0                                | 209      | 674          | 116       | 591                | 319              | 4,271                          | 6,180     | 0.00          | 3.92        |
| 30     | 0                                | 156      | 523          | 101       | 274                | 284              | 4,072                          | 5,410     | 0.00          | 3.92        |
| 31     | 0                                | 139      | 449          | 101       | 353                | 230              | 3,548                          | 4,820     | <u>0.00</u>   | <u>3.92</u> |
| June 1 | 0                                | 139      | 449          | 101       | 353                | 195              | 3,253                          | 4,490     | 0.08          | 0.08        |
| 2      | 0                                | 139      | 449          | 101       | 331                | 213              | 3,687                          | 4,920     | 0.51          | 0.59        |
| 3      | 0                                | 139      | 438          | 108       | 54                 | 195              | 4,496                          | 5,430     | 0.02          | 0.61        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal May 28<sup>th</sup> – June 3<sup>rd</sup>, 2018 averaged 92.2 MGD.

The average diversion for the 30-day period ending June 3<sup>rd</sup> 2018 is 84.0 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for June 4<sup>th</sup> – June 10<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| June 4 | 0                   | 90                    | 0                | 296                    | 0                   | 71                    | 172                                      | 201               | 165               | 479                  |
| 5      | 0                   | 90                    | 0                | 297                    | 0                   | 71                    | 203                                      | 201               | 134               | 491                  |
| 6      | 0                   | 90                    | 0                | 297                    | 0                   | 71                    | 203                                      | 201               | 65                | 487                  |
| 7      | 0                   | 90                    | 0                | 297                    | 0                   | 71                    | 298                                      | 0                 | 96                | 474                  |
| 8      | 0                   | 90                    | 0                | 297                    | 0                   | 71                    | 301                                      | 199               | 98                | 490                  |
| 9      | 0                   | 90                    | 0                | 298                    | 0                   | 71                    | 301                                      | 200               | 97                | 502                  |
| 10     | 0                   | 90                    | 0                | 300                    | 0                   | 71                    | 301                                      | 200               | 98                | 511                  |

|                             |                                                                                 |                                                    |       |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage June 11, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 137.030 billion gallons<br>140.190 billion gallons | 98.4% | 1,278.75 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage June 11, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 90.510 billion gallons<br>95.706 billion gallons   | 96.9% | 1,148.06 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage June 11, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.980 billion gallons<br>34.941 billion gallons   | 97.9% | 1,438.56 (elev.ft.) |
| Combined contents, PCN:     | Available storage June 11, 2018 (0800)<br>Combined capacity at spillway level   | 262.114 billion gallons<br>270.837 billion gallons | 98.0% |                     |
| Lake Wallenpaupack:         | Available storage June 10, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 29.814 billion gallons<br>35.451 billion gallons   | 84.1% | 1,186.95 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| June 4 | 0                                | 138      | 461          | 110       | 205                | 177              | 3,499                          | 4,590     | 0.24          | 0.85       |
| 5      | 0                                | 139      | 463          | 110       | 352                | 160              | 3,296                          | 4,520     | 0.01          | 0.86       |
| 6      | 0                                | 139      | 458          | 110       | 425                | 160              | 3,038                          | 4,330     | 0.02          | 0.88       |
| 7      | 0                                | 139      | 459          | 110       | 506                | 177              | 2,689                          | 4,080     | 0.00          | 0.88       |
| 8      | 0                                | 139      | 459          | 110       | 508                | 106              | 2,358                          | 3,680     | 0.00          | 0.88       |
| 9      | 0                                | 139      | 459          | 110       | 409                | 18               | 2,005                          | 3,140     | 0.00          | 0.88       |
| 10     | 0                                | 139      | 459          | 110       | 0                  | 124              | 1,938                          | 2,770     | 0.00          | 0.88       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal June 4<sup>th</sup> – June 10<sup>th</sup>, 2018 averaged 95.6 MGD.

The average diversion for the 30-day period ending June 10<sup>th</sup> 2018 is 84.4 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for June 11<sup>th</sup> – June 17<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date    | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|---------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|         | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|         | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| June 11 | 0                   | 90                    | 0                | 290                    | 0                   | 71                    | 301                                      | 200               | 95                | 519                  |
| 12      | 0                   | 90                    | 0                | 296                    | 0                   | 71                    | 301                                      | 199               | 97                | 526                  |
| 13      | 0                   | 90                    | 0                | 298                    | 0                   | 71                    | 301                                      | 199               | 0                 | 524                  |
| 14      | 0                   | 90                    | 0                | 298                    | 0                   | 70                    | 301                                      | 199               | 0                 | 522                  |
| 15      | 0                   | 87                    | 0                | 280                    | 0                   | 65                    | 298                                      | 198               | 94                | 526                  |
| 16      | 0                   | 86                    | 0                | 268                    | 0                   | 64                    | 298                                      | 198               | 152               | 534                  |
| 17      | 0                   | 87                    | 0                | 335                    | 0                   | 65                    | 450                                      | 201               | 0                 | 541                  |

|                             |                                                                                 |                                                    |       |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage June 18, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 134.920 billion gallons<br>140.190 billion gallons | 96.8% | 1,277.59 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage June 18, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 87.853 billion gallons<br>95.706 billion gallons   | 94.0% | 1,146.27 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage June 18, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.564 billion gallons<br>34.941 billion gallons   | 96.7% | 1,437.71 (elev.ft.) |
| Combined contents, PCN:     | Available storage June 18, 2018 (0800)<br>Combined capacity at spillway level   | 257.274 billion gallons<br>270.837 billion gallons | 96.2% |                     |
| Lake Wallenpaupack:         | Available storage June 17, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 29.257 billion gallons<br>35.451 billion gallons   | 82.5% | 1,186.73 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date    | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|---------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|         | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|         |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| June 11 | 0                                | 139      | 461          | 110       | 0                  | 0                | 1,900                          | 2,610     | 0.00          | 0.88       |
| 12      | 0                                | 139      | 464          | 110       | 261                | 9                | 1,737                          | 2,720     | 0.00          | 0.88       |
| 13      | 0                                | 139      | 449          | 110       | 246                | 71               | 1,635                          | 2,650     | 0.05          | 0.93       |
| 14      | 0                                | 139      | 458          | 110       | 234                | 18               | 1,651                          | 2,610     | 0.19          | 1.12       |
| 15      | 0                                | 139      | 461          | 110       | 261                | 53               | 1,436                          | 2,460     | 0.00          | 1.12       |
| 16      | 0                                | 139      | 461          | 108       | 231                | 35               | 1,466                          | 2,440     | 0.00          | 1.12       |
| 17      | 227                              | 139      | 433          | 101       | 100                | 18               | 1,259                          | 2,050     | 0.00          | 1.12       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal June 11<sup>th</sup> – June 17<sup>th</sup>, 2018 averaged 95.9 MGD.

The average diversion for the 30-day period ending June 17<sup>th</sup> 2018 is 86.4 MGD, the maximum is 98 MGD.



OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for June 18<sup>th</sup> – June 24<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date    | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|---------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|         | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|         | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| June 18 | 0                   | 87                    | 0                | 354                    | 0                   | 65                    | 450                                      | 200               | 0                 | 547                  |
| 19      | 0                   | 87                    | 0                | 266                    | 0                   | 65                    | 450                                      | 200               | 105               | 558                  |
| 20      | 0                   | 88                    | 0                | 266                    | 0                   | 65                    | 450                                      | 200               | 159               | 570                  |
| 21      | 0                   | 87                    | 0                | 266                    | 0                   | 65                    | 450                                      | 200               | 0                 | 574                  |
| 22      | 0                   | 87                    | 0                | 266                    | 0                   | 65                    | 450                                      | 200               | 84                | 582                  |
| 23      | 0                   | 87                    | 0                | 265                    | 0                   | 65                    | 451                                      | 200               | 0                 | 585                  |
| 24      | 0                   | 87                    | 0                | 265                    | 0                   | 65                    | 449                                      | 200               | 0                 | 587                  |

|                             |                                                                                 |                                                    |       |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage June 25, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 132.130 billion gallons<br>140.190 billion gallons | 94.8% | 1,276.04 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage June 25, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 85.497 billion gallons<br>95.706 billion gallons   | 91.5% | 1,144.66 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage June 25, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.170 billion gallons<br>34.941 billion gallons   | 95.6% | 1,436.90 (elev.ft.) |
| Combined contents, PCN:     | Available storage June 25, 2018 (0800)<br>Combined capacity at spillway level   | 250.797 billion gallons<br>270.837 billion gallons | 93.8% |                     |
| Lake Wallenpaupack:         | Available storage June 24, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 28.700 billion gallons<br>35.451 billion gallons   | 81.0% | 1,186.40 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date    | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|---------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|         | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|         |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| June 18 | 0                                | 135      | 415          | 99        | 316                | 18               | 1,317                          | 2,300     | 0.00          | 1.12       |
| 19      | 145                              | 133      | 518          | 101       | 387                | 35               | 1,296                          | 2,470     | 0.26          | 1.38       |
| 20      | 0                                | 135      | 548          | 101       | 288                | 0                | 1,338                          | 2,410     | 0.00          | 1.38       |
| 21      | 89                               | 135      | 412          | 101       | 220                | 0                | 1,282                          | 2,150     | 0.00          | 1.38       |
| 22      | 290                              | 135      | 412          | 101       | 213                | 35               | 1,154                          | 2,050     | 0.00          | 1.38       |
| 23      | 259                              | 136      | 412          | 101       | 148                | 71               | 1,132                          | 2,000     | 0.01          | 1.39       |
| 24      | 338                              | 135      | 412          | 101       | 45                 | 0                | 1,157                          | 1,850     | 0.41          | 1.80       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.
  2. Includes conservation release of 80 cfs on the 18, 19 and 20 and 70 cfs on the 22, 23, 24 and 25 from Rio Reservoir.
- Diversions by New Jersey through the D&R Canal June 18<sup>th</sup> – June 24<sup>th</sup>, 2018 averaged 95.9 MGD.  
The average diversion for the 30-day period ending June 24<sup>th</sup> 2018 is 87.1 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for June 25<sup>th</sup> – July 1<sup>st</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date    | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|---------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|         | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|         | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| June 25 | 0                   | 87                    | 0                | 265                    | 0                   | 65                    | 451                                      | 200               | 107               | 594                  |
| 26      | 0                   | 87                    | 0                | 265                    | 0                   | 65                    | 451                                      | 200               | 21                | 597                  |
| 27      | 0                   | 87                    | 0                | 265                    | 0                   | 65                    | 451                                      | 200               | 0                 | 599                  |
| 28      | 0                   | 87                    | 0                | 264                    | 0                   | 65                    | 451                                      | 34                | 0                 | 595                  |
| 29      | 0                   | 87                    | 0                | 264                    | 0                   | 65                    | 450                                      | 0                 | 0                 | 590                  |
| 30      | 0                   | 87                    | 0                | 346                    | 0                   | 65                    | 450                                      | 0                 | 0                 | 585                  |
| July 1  | 0                   | 101                   | 0                | 464                    | 0                   | 78                    | 450                                      | 100               | 0                 | 584                  |

|                             |                                                                                |                                                    |       |                     |
|-----------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage July 2, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 129.720 billion gallons<br>140.190 billion gallons | 93.1% | 1,274.69 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage July 2, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 84.397 billion gallons<br>95.706 billion gallons   | 90.3% | 1,143.90 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage July 2, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.228 billion gallons<br>34.941 billion gallons   | 95.8% | 1,437.02 (elev.ft.) |
| Combined contents, PCN:     | Available storage July 2, 2018 (0800)<br>Combined capacity at spillway level   | 247.345 billion gallons<br>270.837 billion gallons | 92.5% |                     |
| Lake Wallenpaupack:         | Available storage July 1, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 27.957 billion gallons<br>35.451 billion gallons   | 78.9% | 1,186.03 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date    | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|---------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|         | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|         |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| June 25 | 0                                | 135      | 410          | 101       | 0                  | 18               | 1,436                          | 2,100     | 0.39          | 2.19        |
| 26      | 0                                | 135      | 410          | 101       | 78                 | 35               | 1,651                          | 2,410     | 0.00          | 2.19        |
| 27      | 0                                | 135      | 410          | 101       | 104                | 35               | 1,505                          | 2,290     | 0.00          | 2.19        |
| 28      | 184                              | 135      | 410          | 101       | 110                | 53               | 1,661                          | 2,470     | 1.20          | 3.39        |
| 29      | 0                                | 135      | 410          | 101       | 36                 | 89               | 2,889                          | 3,660     | 0.08          | 3.47        |
| 30      | 0                                | 135      | 408          | 101       | 438                | 142              | 2,816                          | 4,040     | <u>0.00</u>   | <u>3.47</u> |
| July 1  | 0                                | 135      | 408          | 101       | 453                | 167              | 2,026                          | 3,290     | 0.00          | 0.00        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 70 cfs on the 25, 90 cfs on the 26 and 26, 80 cfs on the 28 and 100 cfs on the 29 - 01 from Rio Reservoir.

Divisions by New Jersey through the D&R Canal June 25<sup>th</sup> – July 1<sup>st</sup>, 2018 averaged 95.9 MGD.

The average diversion for the 30-day period ending July 1<sup>st</sup> 2018 is 95.8 MGD, the maximum is 97 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for July 2<sup>nd</sup> – July 8<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| July 2 | 0                   | 103                   | 0                | 432                    | 0                   | 78                    | 450                                      | 205               | 0                 | 586                  |
| 3      | 0                   | 103                   | 0                | 398                    | 0                   | 78                    | 449                                      | 231               | 0                 | 589                  |
| 4      | 0                   | 103                   | 0                | 356                    | 0                   | 78                    | 449                                      | 230               | 0                 | 592                  |
| 5      | 0                   | 89                    | 0                | 268                    | 0                   | 66                    | 449                                      | 230               | 0                 | 594                  |
| 6      | 0                   | 86                    | 0                | 268                    | 0                   | 65                    | 450                                      | 230               | 0                 | 597                  |
| 7      | 0                   | 86                    | 0                | 268                    | 0                   | 65                    | 450                                      | 230               | 0                 | 599                  |
| 8      | 0                   | 86                    | 0                | 268                    | 0                   | 65                    | 450                                      | 230               | 0                 | 601                  |

|                             |                                                                                |                                                    |       |                     |
|-----------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage July 9, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 126.640 billion gallons<br>140.190 billion gallons | 90.9% | 1,272.95 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage July 9, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 82.348 billion gallons<br>95.706 billion gallons   | 88.1% | 1,142.47 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage July 9, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.996 billion gallons<br>34.941 billion gallons   | 95.1% | 1,436.54 (elev.ft.) |
| Combined contents, PCN:     | Available storage July 9, 2018 (0800)<br>Combined capacity at spillway level   | 241.984 billion gallons<br>270.837 billion gallons | 90.5% |                     |
| Lake Wallenpaupack:         | Available storage July 8, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 26.315 billion gallons<br>35.451 billion gallons   | 74.2% | 1,185.09 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| July 2 | 0                                | 135      | 535          | 101       | 532                | 213              | 1,534                          | 3,050     | 0.00          | 0.00       |
| 3      | 0                                | 135      | 718          | 121       | 545                | 301              | 1,240                          | 3,060     | 0.42          | 0.42       |
| 4      | 0                                | 156      | 668          | 121       | 550                | 365              | 960                            | 2,820     | 0.00          | 0.42       |
| 5      | 0                                | 159      | 616          | 121       | 486                | 122              | 1,236                          | 2,740     | 0.01          | 0.43       |
| 6      | 0                                | 159      | 551          | 121       | 273                | 179              | 1,077                          | 2,360     | 0.51          | 0.94       |
| 7      | 0                                | 159      | 415          | 102       | 386                | 106              | 1,082                          | 2,250     | 0.04          | 0.98       |
| 8      | 0                                | 138      | 415          | 101       | 206                | 187              | 1,153                          | 2,200     | 0.00          | 0.98       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.
  2. Includes conservation release of 100 cfs on the 2 - 5, and 70 cfs on the 6 - 8 from Rio Reservoir.
- Divisions by New Jersey through the D&R Canal July 2<sup>nd</sup> – July 8<sup>th</sup>, 2018 averaged 97.0 MGD.  
The average diversion for the 30-day period ending July 8<sup>th</sup> 2018 is 101.0 MGD, the maximum is 105 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for July 9<sup>th</sup> – July 15<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| July 9 | 0                   | 87                    | 0                | 267                    | 0                   | 65                    | 450                                      | 230               | 0                 | 603                  |
| 10     | 0                   | 87                    | 0                | 267                    | 0                   | 65                    | 450                                      | 230               | 0                 | 605                  |
| 11     | 0                   | 87                    | 0                | 267                    | 0                   | 65                    | 450                                      | 200               | 0                 | 606                  |
| 12     | 0                   | 87                    | 0                | 266                    | 0                   | 65                    | 450                                      | 200               | 0                 | 607                  |
| 13     | 0                   | 87                    | 0                | 266                    | 0                   | 65                    | 450                                      | 100               | 0                 | 606                  |
| 14     | 0                   | 87                    | 0                | 266                    | 0                   | 65                    | 450                                      | 0                 | 0                 | 602                  |
| 15     | 0                   | 87                    | 0                | 305                    | 0                   | 65                    | 450                                      | 99                | 0                 | 601                  |

|                             |                                                                                 |                                                    |       |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage July 16, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 123.490 billion gallons<br>140.190 billion gallons | 88.6% | 1,271.14 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage July 16, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 80.270 billion gallons<br>95.706 billion gallons   | 85.9% | 1,141.00 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage July 16, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.740 billion gallons<br>34.941 billion gallons   | 94.4% | 1,436.01 (elev.ft.) |
| Combined contents, PCN:     | Available storage July 16, 2018 (0800)<br>Combined capacity at spillway level   | 236.500 billion gallons<br>270.837 billion gallons | 88.4% |                     |
| Lake Wallenpaupack:         | Available storage July 15, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 25.220 billion gallons<br>35.451 billion gallons   | 71.1% | 1,184.53 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| July 9 | 355                              | 133      | 415          | 101       | 133                | 189              | 899                            | 1,870     | 0.00          | 0.98       |
| 10     | 465                              | 133      | 415          | 101       | 191                | 33               | 957                            | 1,830     | 0.00          | 0.98       |
| 11     | 420                              | 133      | 413          | 101       | 184                | 54               | 985                            | 1,870     | 0.00          | 0.98       |
| 12     | 447                              | 135      | 413          | 101       | 188                | 165              | 868                            | 1,870     | 0.00          | 0.98       |
| 13     | 491                              | 135      | 413          | 101       | 172                | 268              | 831                            | 1,920     | 0.00          | 0.98       |
| 14     | 259                              | 135      | 412          | 101       | 411                | 334              | 787                            | 2,180     | 0.00          | 0.98       |
| 15     | 224                              | 135      | 412          | 101       | 308                | 309              | 875                            | 2,140     | 0.75          | 1.73       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 70 cfs on the 9 -14, and 60 cfs on the 15 from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 9<sup>th</sup> – July 15<sup>th</sup>, 2018 averaged 102.7 MGD.

The average diversion for the 30-day period ending July 15<sup>th</sup> 2018 is 101.4 MGD, the maximum is 105 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for July 16<sup>th</sup> – July 22<sup>nd</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date    | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|---------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|         | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|         | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| July 16 | 0                   | 86                    | 0                | 365                    | 0                   | 64                    | 449                                      | 200               | 0                 | 602                  |
| 17      | 0                   | 81                    | 0                | 246                    | 0                   | 61                    | 450                                      | 200               | 0                 | 603                  |
| 18      | 0                   | 81                    | 0                | 234                    | 0                   | 61                    | 450                                      | 200               | 0                 | 604                  |
| 19      | 0                   | 81                    | 0                | 234                    | 0                   | 61                    | 450                                      | 200               | 0                 | 605                  |
| 20      | 0                   | 81                    | 0                | 234                    | 0                   | 61                    | 450                                      | 200               | 0                 | 606                  |
| 21      | 0                   | 81                    | 0                | 234                    | 0                   | 61                    | 449                                      | 200               | 0                 | 607                  |
| 22      | 0                   | 81                    | 0                | 233                    | 0                   | 61                    | 292                                      | 200               | 0                 | 605                  |

|                             |                                                                                 |                                                    |       |                     |
|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage July 23, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 120.760 billion gallons<br>140.190 billion gallons | 86.7% | 1,269.56 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage July 23, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 78.398 billion gallons<br>95.706 billion gallons   | 83.9% | 1,139.66 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage July 23, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 32.658 billion gallons<br>34.941 billion gallons   | 94.1% | 1,435.84 (elev.ft.) |
| Combined contents, PCN:     | Available storage July 23, 2018 (0800)<br>Combined capacity at spillway level   | 231.816 billion gallons<br>270.837 billion gallons | 86.7% |                     |
| Lake Wallenpaupack:         | Available storage July 22, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.307 billion gallons<br>35.451 billion gallons   | 68.6% | 1,183.96 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date    | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|---------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|         | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|         |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| July 16 | 0                                | 135      | 412          | 101       | 455                | 338              | 719                            | 2,160     | 0.00          | 1.73       |
| 17      | 0                                | 135      | 472          | 101       | 384                | 387              | 741                            | 2,220     | 0.00          | 1.73       |
| 18      | 0                                | 135      | 565          | 99        | 284                | 358              | 899                            | 2,340     | 0.22          | 1.95       |
| 19      | 0                                | 133      | 381          | 94        | 228                | 305              | 739                            | 1,880     | 0.00          | 1.95       |
| 20      | 335                              | 125      | 362          | 94        | 249                | 206              | 594                            | 1,630     | 0.00          | 1.95       |
| 21      | 264                              | 125      | 362          | 94        | 370                | 255              | 514                            | 1,720     | 0.00          | 1.95       |
| 22      | 537                              | 125      | 362          | 94        | 219                | 46               | 624                            | 1,470     | 0.22          | 2.17       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 16<sup>th</sup> – July 22<sup>nd</sup>, 2018 averaged 92.3 MGD.

The average diversion for the 30-day period ending July 22<sup>nd</sup> 2018 is 99.2 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for July 23<sup>rd</sup> – July 29<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date    | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|---------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|         | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|         | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| July 23 | 0                   | 81                    | 0                | 233                    | 0                   | 61                    | 58                                       | 0                 | 0                 | 594                  |
| 24      | 0                   | 81                    | 0                | 233                    | 6                   | 61                    | 0                                        | 0                 | 0                 | 583                  |
| 25      | 0                   | 72                    | 0                | 233                    | 672                 | 61                    | 0                                        | 0                 | 0                 | 573                  |
| 26      | 0                   | 81                    | 0                | 234                    | 709                 | 90                    | 0                                        | 0                 | 0                 | 562                  |
| 27      | 0                   | 99                    | 0                | 278                    | 195                 | 123                   | 0                                        | 0                 | 204               | 556                  |
| 28      | 0                   | 108                   | 0                | 340                    | 5                   | 123                   | 0                                        | 0                 | 258               | 551                  |
| 29      | 0                   | 110                   | 0                | 355                    | 0                   | 123                   | 1                                        | 0                 | 260               | 546                  |

|                             |                                        |                         |       |                     |
|-----------------------------|----------------------------------------|-------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage July 30, 2018 (0800) | 130.340 billion gallons | 93.6% | 1,274.04 (elev.ft.) |
|                             | Spillway crest elevation 1,280.00 ft.  | 140.190 billion gallons |       |                     |
| Cannonsville Reservoir (C): | Available storage July 30, 2018 (0800) | 83.132 billion gallons  | 89.0% | 1,143.02 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.  | 95.706 billion gallons  |       |                     |
| Neversink Reservoir (N):    | Available storage July 30, 2018 (0800) | 34.340 billion gallons  | 99.0% | 1,439.29 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.  | 34.941 billion gallons  |       |                     |
| Combined contents, PCN:     | Available storage July 30, 2018 (0800) | 274.444 billion gallons | 92.5% |                     |
|                             | Combined capacity at spillway level    | 270.837 billion gallons |       |                     |
| Lake Wallenpaupack:         | Available storage July 29, 2018 (0800) | 24.672 billion gallons  | 69.6% | 1,184.23 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.  | 35.451 billion gallons  |       |                     |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date    | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|---------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|         | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|         |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| July 23 | 0                                | 125      | 362          | 94        | 189                | 67               | 1,633                          | 2,470     | 1.19          | 3.36       |
| 24      | 0                                | 125      | 360          | 94        | 205                | 209              | 4,507                          | 5,500     | 1.93          | 5.29       |
| 25      | 0                                | 125      | 360          | 94        | 1,021              | 550              | 8,650                          | 10,800    | 1.27          | 6.56       |
| 26      | 0                                | 125      | 360          | 94        | 1,598              | 411              | 14,312                         | 16,900    | 1.12          | 7.68       |
| 27      | 0                                | 125      | 360          | 94        | 1,603              | 493              | 13,625                         | 16,300    | 0.05          | 7.73       |
| 28      | 0                                | 111      | 362          | 139       | 795                | 454              | 7,539                          | 9,400     | 0.11          | 7.84       |
| 29      | 0                                | 125      | 430          | 190       | 605                | 206              | 5,234                          | 6,790     | 0.00          | 7.84       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal July 23<sup>rd</sup> – July 29<sup>th</sup>, 2018 averaged 94.8 MGD.

The average diversion for the 30-day period ending July 29<sup>th</sup> 2018 is 97.3 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for July 30<sup>th</sup> – August 5<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date    | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|---------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|         | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|         | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| July 30 | 0                   | 110                   | 0                | 355                    | 0                   | 122                   | 451                                      | 0                 | 258               | 549                  |
| 31      | 0                   | 110                   | 0                | 355                    | 0                   | 123                   | 450                                      | 0                 | 258               | 551                  |
| Aug 1   | 0                   | 110                   | 0                | 355                    | 0                   | 123                   | 450                                      | 0                 | 251               | 554                  |
| 2       | 0                   | 110                   | 0                | 355                    | 174                 | 123                   | 450                                      | 0                 | 0                 | 552                  |
| 3       | 0                   | 127                   | 0                | 355                    | 743                 | 123                   | 131                                      | 0                 | 0                 | 546                  |
| 4       | 0                   | 447                   | 0                | 356                    | 1033                | 123                   | 0                                        | 0                 | 0                 | 537                  |
| 5       | 0                   | 452                   | 0                | 358                    | 461                 | 123                   | 0                                        | 0                 | 0                 | 529                  |

|                             |                                                                                  |                                                    |        |                     |
|-----------------------------|----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage August 6, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 137.630 billion gallons<br>140.190 billion gallons | 98.8%  | 1,279.08 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage August 6, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 87.118 billion gallons<br>95.706 billion gallons   | 93.2%  | 1,145.77 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage August 6, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.926 billion gallons<br>34.941 billion gallons   | 100.7% | 1,440.47 (elev.ft.) |
| Combined contents, PCN:     | Available storage August 6, 2018 (0800)<br>Combined capacity at spillway level   | 259.674 billion gallons<br>270.837 billion gallons | 97.1%  |                     |
| Lake Wallenpaupack:         | Available storage August 5, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.672 billion gallons<br>35.451 billion gallons   | 69.6%  | 1,184.16 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date    | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|---------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|         | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|         |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| July 30 | 0                                | 153      | 526          | 190       | 737                | 106              | 3,678                          | 5,390     | 0             | 7.84       |
| 31      | 0                                | 167      | 549          | 190       | 666                | 283              | 2,705                          | 4,560     | 0             | 7.84       |
| Aug 1   | 0                                | 170      | 549          | 189       | 650                | 840              | 2,172                          | 4,570     | 0.07          | 0.07       |
| 2       | 0                                | 170      | 549          | 190       | 840                | 213              | 5,278                          | 7,240     | 1.04          | 1.11       |
| 3       | 0                                | 170      | 549          | 190       | 839                | 246              | 6,066                          | 8,060     | 0.22          | 1.33       |
| 4       | 0                                | 170      | 549          | 190       | 803                | 197              | 19,191                         | 21,100    | 1.62          | 2.95       |
| 5       | 0                                | 170      | 549          | 190       | 838                | 262              | 17,891                         | 19,900    | 0.00          | 2.95       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal July 30<sup>th</sup> – August 5<sup>th</sup>, 2018 averaged 97.8 MGD.

The average diversion for the 30-day period ending August 5<sup>th</sup> 2018 is 97.3 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for August 6<sup>th</sup> – August 12<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Aug 6 | 0                   | 83                    | 0                | 429                    | 269                 | 123                   | 375                                      | 0                 | 0                 | 527                  |
| 7     | 0                   | 453                   | 0                | 602                    | 176                 | 123                   | 450                                      | 0                 | 0                 | 526                  |
| 8     | 0                   | 452                   | 0                | 667                    | 103                 | 123                   | 450                                      | 0                 | 0                 | 525                  |
| 9     | 187                 | 452                   | 0                | 858                    | 146                 | 123                   | 450                                      | 0                 | 0                 | 524                  |
| 10    | 302                 | 452                   | 0                | 966                    | 100                 | 123                   | 485                                      | 0                 | 0                 | 523                  |
| 11    | 305                 | 452                   | 0                | 970                    | 117                 | 123                   | 500                                      | 0                 | 0                 | 523                  |
| 12    | 230                 | 452                   | 0                | 971                    | 143                 | 123                   | 499                                      | 0                 | 0                 | 522                  |

|                             |                                                                                   |                                                    |        |                     |
|-----------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage August 13, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 139.720 billion gallons<br>140.190 billion gallons | 100.3% | 1,280.22 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage August 13, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 90.002 billion gallons<br>95.706 billion gallons   | 96.3%  | 1,147.72 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage August 13, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.811 billion gallons<br>34.941 billion gallons   | 100.3% | 1,440.24 (elev.ft.) |
| Combined contents, PCN:     | Available storage August 13, 2018 (0800)<br>Combined capacity at spillway level   | 264.533 billion gallons<br>270.837 billion gallons | 98.9%  |                     |
| Lake Wallenpaupack:         | Available storage August 12, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.760 billion gallons<br>35.451 billion gallons   | 67.0%  | 1,183.65 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Aug 6 | 0                                | 196      | 551          | 190       | 843                | 298              | 10,332                         | 12,400    | 0             | 2.95       |
| 7     | 0                                | 692      | 554          | 190       | 840                | 440              | 6,994                          | 9,710     | 0             | 2.95       |
| 8     | 0                                | 699      | 664          | 190       | 835                | 394              | 6,308                          | 9,090     | 0.77          | 3.72       |
| 9     | 0                                | 696      | 931          | 190       | 688                | 365              | 11,030                         | 13,900    | 1.35          | 5.07       |
| 10    | 0                                | 701      | 1,032        | 190       | 380                | 362              | 12,435                         | 15,100    | 0.01          | 5.08       |
| 11    | 0                                | 699      | 1,327        | 190       | 472                | 255              | 7,957                          | 10,900    | 0.18          | 5.26       |
| 12    | 0                                | 699      | 1,494        | 190       | 522                | 130              | 9,365                          | 12,400    | 0.70          | 5.96       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 6<sup>th</sup> – August 12<sup>th</sup>, 2018 averaged 98.4 MGD.

The average diversion for the 30-day period ending August 12<sup>th</sup> 2018 is 96.4 MGD, the maximum is 101 MGD.



OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for August 13<sup>th</sup> – August 19<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Aug 13 | 313                 | 414                   | 0                | 972                    | 367                 | 123                   | 346                                      | 0                 | 0                 | 520                  |
| 14     | 1,505               | 56                    | 0                | 973                    | 821                 | 123                   | 302                                      | 0                 | 0                 | 517                  |
| 15     | 1,563               | 345                   | 0                | 974                    | 366                 | 122                   | 302                                      | 0                 | 0                 | 514                  |
| 16     | 1,002               | 100                   | 0                | 975                    | 202                 | 122                   | 299                                      | 0                 | 0                 | 511                  |
| 17     | 1,550               | 248                   | 0                | 975                    | 1,084               | 97                    | 299                                      | 0                 | 0                 | 509                  |
| 18     | 3,047               | 39                    | 276              | 974                    | 1,090               | 123                   | 302                                      | 0                 | 0                 | 506                  |
| 19     | 2,545               | 38                    | 884              | 972                    | 416                 | 122                   | 302                                      | 0                 | 0                 | 504                  |

|                             |                                                                                   |                                                    |        |                     |
|-----------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage August 20, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 141.480 billion gallons<br>140.190 billion gallons | 101.6% | 1,281.17 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage August 20, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 95.852 billion gallons<br>95.706 billion gallons   | 102.6% | 1,151.55 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage August 20, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.901 billion gallons<br>34.941 billion gallons   | 100.6% | 1,440.42 (elev.ft.) |
| Combined contents, PCN:     | Available storage August 20, 2018 (0800)<br>Combined capacity at spillway level   | 272.233 billion gallons<br>270.837 billion gallons | 101.8% |                     |
| Lake Wallenpaupack:         | Available storage August 19, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.672 billion gallons<br>35.451 billion gallons   | 69.6%  | 1,184.15 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Aug 13 | 0                                | 699      | 1,501        | 190       | 424                | 281              | 8,405                          | 11,500    | 0.22          | 6.18       |
| 14     | 0                                | 699      | 1,502        | 190       | 607                | 323              | 9,979                          | 13,300    | 0.77          | 6.95       |
| 15     | 0                                | 699      | 1,504        | 190       | 841                | 372              | 16,194                         | 19,800    | 0.40          | 7.35       |
| 16     | 0                                | 640      | 1,505        | 190       | 840                | 401              | 13,824                         | 17,400    | 0.02          | 7.37       |
| 17     | 0                                | 87       | 1,507        | 189       | 835                | 400              | 10,282                         | 13,300    | 0.01          | 7.38       |
| 18     | 0                                | 534      | 1,508        | 189       | 840                | 489              | 12,440                         | 16,000    | 1.18          | 8.56       |
| 19     | 0                                | 155      | 1,508        | 150       | 836                | 437              | 18,614                         | 21,700    | 0.47          | 9.03       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 13<sup>th</sup> – August 19<sup>th</sup>, 2018 averaged 97.0 MGD.

The average diversion for the 30-day period ending August 19<sup>th</sup> 2018 is 96.8 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for August 20<sup>th</sup> – August 26<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Aug 20 | 1,626               | 64                    | 876              | 965                    | 252                 | 123                   | 302                                      | 0                 | 0                 | 501                  |
| 21     | 894                 | 431                   | 645              | 966                    | 152                 | 123                   | 302                                      | 0                 | 0                 | 499                  |
| 22     | 512                 | 452                   | 445              | 966                    | 189                 | 123                   | 302                                      | 0                 | 0                 | 496                  |
| 23     | 246                 | 452                   | 263              | 966                    | 148                 | 123                   | 302                                      | 0                 | 0                 | 494                  |
| 24     | 61                  | 452                   | 111              | 964                    | 105                 | 123                   | 483                                      | 0                 | 0                 | 494                  |
| 25     | 0                   | 452                   | 20               | 972                    | 78                  | 123                   | 500                                      | 0                 | 0                 | 494                  |
| 26     | 0                   | 452                   | 0                | 971                    | 57                  | 123                   | 500                                      | 0                 | 0                 | 494                  |

|                             |                                                                                   |                                                    |        |                     |
|-----------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage August 27, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 138.380 billion gallons<br>140.190 billion gallons | 99.3%  | 1,279.49 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage August 27, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 92.866 billion gallons<br>95.706 billion gallons   | 99.4%  | 1,149.62 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage August 27, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.756 billion gallons<br>34.941 billion gallons   | 100.2% | 1,440.13 (elev.ft.) |
| Combined contents, PCN:     | Available storage August 27, 2018 (0800)<br>Combined capacity at spillway level   | 266.002 billion gallons<br>270.837 billion gallons | 99.5%  |                     |
| Lake Wallenpaupack:         | Available storage August 26, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 22.482 billion gallons<br>35.451 billion gallons   | 63.4%  | 1,183.04 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Aug 20 | 0                                | 384      | 1,507        | 190       | 839                | 432              | 15,148                         | 18,500    | 0.00          | 9.03       |
| 21     | 0                                | 60       | 1,504        | 189       | 834                | 222              | 11,491                         | 14,300    | 0.00          | 9.03       |
| 22     | 0                                | 59       | 1,493        | 190       | 839                | 89               | 9,730                          | 12,400    | 0.28          | 9.31       |
| 23     | 0                                | 99       | 1,494        | 190       | 840                | 53               | 9,124                          | 11,800    | 0.05          | 9.36       |
| 24     | 0                                | 667      | 1,494        | 190       | 702                | 53               | 6,404                          | 9,510     | 0.00          | 9.36       |
| 25     | 0                                | 699      | 1,494        | 190       | 732                | 53               | 4,662                          | 7,830     | 0.00          | 9.36       |
| 26     | 0                                | 699      | 1,491        | 190       | 637                | 54               | 3,599                          | 6,670     | 0.00          | 9.36       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 20<sup>th</sup> – August 26<sup>th</sup>, 2018 averaged 97.7 MGD.

The average diversion for the 30-day period ending August 26<sup>th</sup> 2018 is 97.7 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for August 27<sup>th</sup> – September 2<sup>nd</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Aug 27 | 0                   | 452                   | 0                | 970                    | 39                  | 122                   | 500                                      | 0                 | 0                 | 494                  |
| 28     | 0                   | 452                   | 0                | 968                    | 26                  | 123                   | 500                                      | 137               | 0                 | 496                  |
| 29     | 0                   | 452                   | 0                | 966                    | 4                   | 123                   | 499                                      | 139               | 0                 | 497                  |
| 30     | 0                   | 452                   | 0                | 958                    | 0                   | 124                   | 499                                      | 0                 | 0                 | 497                  |
| 31     | 0                   | 452                   | 0                | 939                    | 0                   | 124                   | 500                                      | 0                 | 0                 | 497                  |
| Sep 1  | 0                   | 452                   | 0                | 889                    | 0                   | 123                   | 500                                      | 0                 | 0                 | 497                  |
| 2      | 0                   | 417                   | 0                | 834                    | 0                   | 123                   | 500                                      | 0                 | 161               | 499                  |

|                             |                                                                                     |                                                    |       |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage September 3, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 133.910 billion gallons<br>140.190 billion gallons | 96.1% | 1,277.03 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage September 3, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 88.443 billion gallons<br>95.706 billion gallons   | 94.6% | 1,146.67 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage September 3, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.409 billion gallons<br>34.941 billion gallons   | 99.2% | 1,439.43 (elev.ft.) |
| Combined contents, PCN:     | Available storage September 3, 2018 (0800)<br>Combined capacity at spillway level   | 256.762 billion gallons<br>270.837 billion gallons | 96.0% |                     |
| Lake Wallenpaupack:         | Available storage September 2, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 20.332 billion gallons<br>35.451 billion gallons   | 57.4% | 1,181.83 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Aug 27 | 0                                | 699      | 1,504        | 190       | 634                | 86               | 3,087                          | 6,200     | 0.00          | 9.36        |
| 28     | 0                                | 699      | 1,502        | 190       | 770                | 261              | 2,818                          | 6,240     | 0.00          | 9.36        |
| 29     | 0                                | 699      | 1,501        | 189       | 866                | 387              | 2,528                          | 6,170     | 0.00          | 9.36        |
| 30     | 0                                | 699      | 1,497        | 190       | 1,066              | 373              | 2,105                          | 5,930     | 0.06          | 9.36        |
| 31     | 0                                | 699      | 1,494        | 190       | 867                | 236              | 1,894                          | 5,380     | <u>0.00</u>   | <u>9.36</u> |
| Sep 1  | 0                                | 699      | 1,482        | 192       | 591                | 236              | 1,820                          | 5,020     | 0.22          | 0.22        |
| 2      | 0                                | 699      | 1,453        | 192       | 616                | 177              | 2,303                          | 5,440     | 0.00          | 0.22        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal August 27<sup>th</sup> – September 2<sup>nd</sup>, 2018 averaged 99.9 MGD.

The average diversion for the 30-day period ending September 2<sup>nd</sup> 2018 is 98.2 MGD, the maximum is 101 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for September 3<sup>rd</sup> – September 7<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Sep 3 | 0                   | 377                   | 0                | 772                    | 0                   | 123                   | 500                                      | 0                 | 258               | 502                  |
| 4     | 0                   | 372                   | 0                | 740                    | 0                   | 123                   | 499                                      | 0                 | 258               | 504                  |
| 5     | 0                   | 373                   | 0                | 748                    | 0                   | 123                   | 499                                      | 0                 | 258               | 507                  |
| 6     | 0                   | 375                   | 0                | 742                    | 0                   | 123                   | 425                                      | 0                 | 258               | 509                  |
| 7     | 0                   | 371                   | 0                | 739                    | 0                   | 123                   | 477                                      | 0                 | 257               | 511                  |

|                             |                                            |                         |       |                     |
|-----------------------------|--------------------------------------------|-------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage September 8, 2018 (0800) | 130.700 billion gallons | 93.8% | 1,275.24 (elev.ft.) |
|                             | Spillway crest elevation 1,280.00 ft.      | 140.190 billion gallons |       |                     |
| Cannonsville Reservoir (C): | Available storage September 8, 2018 (0800) | 85.847 billion gallons  | 91.9% | 1,144.90 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.      | 95.706 billion gallons  |       |                     |
| Neversink Reservoir (N):    | Available storage September 8, 2018 (0800) | 32.972 billion gallons  | 95.0% | 1,436.49 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.      | 34.941 billion gallons  |       |                     |
| Combined contents, PCN:     | Available storage September 8, 2018 (0800) | 249.519 billion gallons | 93.3% |                     |
|                             | Combined capacity at spillway level        | 270.837 billion gallons |       |                     |
| Lake Wallenpaupack:         | Available storage September 7, 2018 (0800) | 18.898 billion gallons  | 53.3% | 1,180.99 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.      | 35.451 billion gallons  |       |                     |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Sep 3 | 0                                | 699      | 1,375        | 190       | 834                | 53               | 1,859                          | 5,010     | 0.00          | 0.22       |
| 4     | 0                                | 699      | 1,290        | 190       | 746                | 241              | 1,684                          | 4,850     | 0.02          | 0.24       |
| 5     | 0                                | 645      | 1,194        | 190       | 742                | 256              | 1,423                          | 4,450     | 0.00          | 0.24       |
| 6     | 0                                | 583      | 1,145        | 190       | 705                | 205              | 1,632                          | 4,460     | 0.00          | 0.24       |
| 7     | 0                                | 575      | 1,157        | 190       | 618                | 127              | 1,603                          | 4,270     | 0.37          | 0.61       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal September 3<sup>rd</sup> – September 7<sup>th</sup>, 2018 averaged 100.9 MGD.

The average diversion for the 30-day period ending September 7<sup>th</sup> 2018 is 98.7 MGD, the maximum is 102 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for September 8<sup>th</sup> – September 14<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Sep 8 | 0                   | 372                   | 0                | 737                    | 0                   | 123                   | 500                                      | 0                 | 63                | 512                  |
| 9     | 0                   | 371                   | 0                | 737                    | 0                   | 123                   | 501                                      | 0                 | 0                 | 511                  |
| 10    | 0                   | 372                   | 0                | 735                    | 0                   | 123                   | 501                                      | 0                 | 1                 | 511                  |
| 11    | 0                   | 372                   | 0                | 744                    | 0                   | 123                   | 501                                      | 0                 | 0                 | 511                  |
| 12    | 0                   | 371                   | 0                | 742                    | 0                   | 123                   | 501                                      | 0                 | 0                 | 511                  |
| 13    | 0                   | 373                   | 0                | 737                    | 0                   | 123                   | 501                                      | 0                 | 0                 | 511                  |
| 14    | 0                   | 442                   | 0                | 806                    | 0                   | 123                   | 405                                      | 0                 | 0                 | 510                  |

|                             |                                                                                      |                                                    |       |                     |
|-----------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage September 15, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 127.540 billion gallons<br>140.190 billion gallons | 91.5% | 1,273.46 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage September 15, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 83.333 billion gallons<br>95.706 billion gallons   | 89.2% | 1,143.16 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage September 15, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 33.813 billion gallons<br>34.941 billion gallons   | 97.5% | 1,438.22 (elev.ft.) |
| Combined contents, PCN:     | Available storage September 15, 2018 (0800)<br>Combined capacity at spillway level   | 244.686 billion gallons<br>270.837 billion gallons | 91.5% |                     |
| Lake Wallenpaupack:         | Available storage September 14, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 18.370 billion gallons<br>35.451 billion gallons   | 51.8% | 1,180.70 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Sep 8 | 0                                | 577      | 1,148        | 190       | 313                | 40               | 2,212                          | 4,480     | 0.04          | 0.65       |
| 9     | 0                                | 580      | 1,143        | 190       | 431                | 39               | 1,787                          | 4,170     | 0.00          | 0.65       |
| 10    | 0                                | 574      | 1,140        | 190       | 372                | 39               | 2,555                          | 4,870     | 0.41          | 1.06       |
| 11    | 0                                | 575      | 1,140        | 190       | 863                | 78               | 14,054                         | 16,900    | 1.33          | 2.39       |
| 12    | 0                                | 574      | 1,137        | 190       | 1,406              | 161              | 10,232                         | 13,700    | 0.17          | 2.56       |
| 13    | 0                                | 575      | 1,151        | 190       | 1,456              | 145              | 7,283                          | 10,800    | 0.06          | 2.62       |
| 14    | 0                                | 575      | 1,148        | 190       | 1,208              | 252              | 7,127                          | 10,500    | 0.24          | 2.86       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 8<sup>th</sup> – September 14<sup>th</sup>, 2018 averaged 100.9 MGD.

The average diversion for the 30-day period ending September 14<sup>th</sup> 2018 is 99.5 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

Web address: <http://water.usgs.gov/osw/odrm>

Summary river data for September 15<sup>th</sup> – September 21<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Sep 15 | 0                   | 451                   | 0                | 966                    | 0                   | 123                   | 401                                      | 0                 | 0                 | 509                  |
| 16     | 0                   | 452                   | 0                | 968                    | 0                   | 123                   | 401                                      | 0                 | 0                 | 508                  |
| 17     | 0                   | 452                   | 0                | 969                    | 0                   | 123                   | 242                                      | 0                 | 0                 | 506                  |
| 18     | 0                   | 452                   | 0                | 929                    | 220                 | 124                   | 203                                      | 0                 | 0                 | 503                  |
| 19     | 0                   | 452                   | 0                | 790                    | 340                 | 123                   | 303                                      | 0                 | 0                 | 501                  |
| 20     | 0                   | 452                   | 0                | 647                    | 207                 | 123                   | 452                                      | 0                 | 0                 | 501                  |
| 21     | 0                   | 452                   | 0                | 520                    | 158                 | 123                   | 501                                      | 0                 | 0                 | 501                  |

|                             |                                                                                      |                                                    |        |                     |
|-----------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage September 22, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 126.520 billion gallons<br>140.190 billion gallons | 90.8%  | 1,272.88 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage September 22, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 81.638 billion gallons<br>95.706 billion gallons   | 87.4%  | 1,141.97 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage September 22, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.886 billion gallons<br>34.941 billion gallons   | 100.6% | 1,440.39 (elev.ft.) |
| Combined contents, PCN:     | Available storage September 22, 2018 (0800)<br>Combined capacity at spillway level   | 243.044 billion gallons<br>270.837 billion gallons | 90.9%  |                     |
| Lake Wallenpaupack:         | Available storage September 21, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 16.082 billion gallons<br>35.451 billion gallons   | 45.4%  | 1,179.39 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND

PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Sep 15 | 0                                | 574      | 1,140        | 190       | 1,441              | 235              | 6,410                          | 9,990     | 0.00          | 2.86       |
| 16     | 0                                | 577      | 1,247        | 190       | 1,444              | 124              | 5,318                          | 8,900     | 0.00          | 2.86       |
| 17     | 0                                | 684      | 1,494        | 190       | 1,450              | 284              | 4,388                          | 8,490     | 0.00          | 2.86       |
| 18     | 0                                | 698      | 1,497        | 190       | 1,451              | 381              | 6,183                          | 10,400    | 1.39          | 4.25       |
| 19     | 0                                | 699      | 1,499        | 190       | 1,452              | 319              | 10,741                         | 14,900    | 0.07          | 4.32       |
| 20     | 0                                | 699      | 1,437        | 192       | 845                | 230              | 8,497                          | 11,900    | 0.00          | 4.32       |
| 21     | 0                                | 699      | 1,222        | 190       | 1,458              | 72               | 6,199                          | 9,840     | 0.00          | 4.32       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 15<sup>th</sup> – September 21<sup>st</sup>, 2018 averaged 92.5 MGD.

The average diversion for the 30-day period ending September 21<sup>th</sup> 2018 is 98.3 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

Web address: <http://water.usgs.gov/osw/odrm>

Summary river data for September 22<sup>nd</sup> – September 28<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Sep 22 | 0                   | 453                   | 0                | 448                    | 290                 | 123                   | 501                                      | 0                 | 0                 | 501                  |
| 23     | 0                   | 453                   | 0                | 448                    | 183                 | 124                   | 501                                      | 0                 | 0                 | 501                  |
| 24     | 0                   | 452                   | 0                | 485                    | 138                 | 123                   | 172                                      | 0                 | 0                 | 498                  |
| 25     | 0                   | 452                   | 0                | 801                    | 981                 | 124                   | 0                                        | 0                 | 0                 | 494                  |
| 26     | 0                   | 453                   | 0                | 964                    | 983                 | 123                   | 0                                        | 0                 | 0                 | 489                  |
| 27     | 0                   | 452                   | 0                | 964                    | 753                 | 123                   | 0                                        | 0                 | 0                 | 485                  |
| 28     | 0                   | 452                   | 0                | 966                    | 598                 | 123                   | 0                                        | 0                 | 0                 | 481                  |

|                             |                                                                                      |                                                    |        |                     |
|-----------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage September 29, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 133.982 billion gallons<br>140.190 billion gallons | 96.2%  | 1,277.06 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage September 29, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 86.429 billion gallons<br>95.706 billion gallons   | 92.5%  | 1,145.29 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage September 29, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 35.029 billion gallons<br>34.941 billion gallons   | 101.0% | 1,440.65 (elev.ft.) |
| Combined contents, PCN:     | Available storage September 29, 2018 (0800)<br>Combined capacity at spillway level   | 255.440 billion gallons<br>270.837 billion gallons | 95.5%  |                     |
| Lake Wallenpaupack:         | Available storage September 28, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 15.906 billion gallons<br>35.451 billion gallons   | 44.9%  | 1,179.34 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND

PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Sep 22 | 0                                | 699      | 1,001        | 190       | 1,341              | 147              | 4,762                          | 8,140     | 0.69          | 5.01       |
| 23     | 0                                | 699      | 804          | 190       | 606                | 53               | 7,168                          | 9,520     | 0.00          | 5.01       |
| 24     | 0                                | 699      | 693          | 190       | 605                | 54               | 5,659                          | 7,900     | 0.00          | 5.01       |
| 25     | 0                                | 701      | 693          | 192       | 1000               | 54               | 7,340                          | 9,980     | 0.68          | 5.69       |
| 26     | 0                                | 701      | 750          | 190       | 1,486              | 56               | 22,617                         | 25,800    | 0.94          | 6.63       |
| 27     | 0                                | 699      | 1,239        | 192       | 1,386              | 370              | 20,414                         | 24,300    | 0.77          | 7.40       |
| 28     | 0                                | 699      | 1,491        | 190       | 1,016              | 186              | 20,318                         | 23,900    | 0.87          | 8.27       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal September 22<sup>nd</sup> – September 28<sup>th</sup>, 2018 averaged 81.7 MGD.

The average diversion for the 30-day period ending September 28<sup>th</sup> 2018 is 94.1 MGD, the maximum is 104 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for September 29<sup>th</sup> – October 5<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Sep 29 | 0                   | 452                   | 0                | 967                    | 450                 | 123                   | 0                                        | 0                 | 0                 | 477                  |
| 30     | 0                   | 452                   | 0                | 970                    | 271                 | 123                   | 0                                        | 0                 | 0                 | 473                  |
| Oct 1  | 0                   | 452                   | 0                | 971                    | 230                 | 123                   | 0                                        | 0                 | 0                 | 469                  |
| 2      | 0                   | 452                   | 0                | 971                    | 507                 | 123                   | 0                                        | 0                 | 0                 | 466                  |
| 3      | 0                   | 452                   | 0                | 972                    | 471                 | 123                   | 0                                        | 0                 | 0                 | 462                  |
| 4      | 2                   | 453                   | 0                | 973                    | 310                 | 123                   | 0                                        | 0                 | 0                 | 458                  |
| 5      | 98                  | 452                   | 0                | 972                    | 223                 | 123                   | 1                                        | 0                 | 1                 | 455                  |

|                             |                                                                                   |                                                    |        |                     |
|-----------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage October 6, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 139.760 billion gallons<br>140.190 billion gallons | 100.3% | 1,280.24 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 6, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 89.600 billion gallons<br>95.706 billion gallons   | 95.9%  | 1,147.45 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage October 6, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.836 billion gallons<br>34.941 billion gallons   | 100.4% | 1,440.29 (elev.ft.) |
| Combined contents, PCN:     | Available storage October 6, 2018 (0800)<br>Combined capacity at spillway level   | 264.196 billion gallons<br>270.837 billion gallons | 98.8%  |                     |
| Lake Wallenpaupack:         | Available storage October 5, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 15.378 billion gallons<br>35.451 billion gallons   | 43.4%  | 1,178.98 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Sep 29 | 0                                | 701      | 1,493        | 190       | 979                | 369              | 21,068                         | 24,800    | 0.03          | 8.30        |
| 30     | 0                                | 699      | 1,494        | 190       | 1,447              | 334              | 13,936                         | 18,100    | <u>0.00</u>   | <u>8.30</u> |
| Oct 1  | 0                                | 699      | 1,496        | 190       | 1,448              | 364              | 10,503                         | 14,700    | 0.00          | 0.00        |
| 2      | 0                                | 699      | 1,501        | 190       | 1,313              | 504              | 7,793                          | 12,000    | 0.16          | 0.16        |
| 3      | 0                                | 699      | 1,502        | 190       | 348                | 514              | 18,047                         | 21,300    | 0.95          | 1.11        |
| 4      | 0                                | 699      | 1,502        | 190       | 1,029              | 828              | 13,952                         | 18,200    | 0.00          | 1.11        |
| 5      | 0                                | 699      | 1,502        | 190       | 1,503              | 814              | 11,492                         | 16,200    | 0.22          | 1.33        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal September 29<sup>th</sup> – October 5<sup>th</sup>, 2018 averaged 94.3 MGD.

The average diversion for the 30-day period ending October 5<sup>th</sup> 2018 is 92.8 MGD, the maximum is 104 MGD.



OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for October 6<sup>th</sup> – October 12<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Oct 6 | 173                 | 452                   | 0                | 971                    | 160                 | 123                   | 194                                      | 0                 | 0                 | 453                  |
| 7     | 135                 | 452                   | 0                | 968                    | 142                 | 123                   | 193                                      | 0                 | 0                 | 451                  |
| 8     | 78                  | 452                   | 0                | 969                    | 126                 | 123                   | 193                                      | 0                 | 0                 | 449                  |
| 9     | 38                  | 452                   | 0                | 968                    | 106                 | 123                   | 193                                      | 0                 | 0                 | 447                  |
| 10    | 0                   | 452                   | 0                | 968                    | 78                  | 123                   | 32                                       | 0                 | 0                 | 444                  |
| 11    | 73                  | 452                   | 0                | 969                    | 353                 | 123                   | 0                                        | 0                 | 0                 | 440                  |
| 12    | 128                 | 452                   | 0                | 969                    | 317                 | 123                   | 0                                        | 0                 | 0                 | 437                  |

|                             |                                                                                    |                                                    |        |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage October 13, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 139.680 billion gallons<br>140.190 billion gallons | 100.3% | 1,280.20 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 13, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 89.080 billion gallons<br>95.706 billion gallons   | 95.3%  | 1,147.10 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage October 13, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.891 billion gallons<br>34.941 billion gallons   | 100.6% | 1,440.40 (elev.ft.) |
| Combined contents, PCN:     | Available storage October 13, 2018 (0800)<br>Combined capacity at spillway level   | 263.651 billion gallons<br>270.837 billion gallons | 98.6%  |                     |
| Lake Wallenpaupack:         | Available storage October 12, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 17.490 billion gallons<br>35.451 billion gallons   | 49.3%  | 1,180.15 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Oct 6 | 0                                | 699      | 1,505        | 190       | 1,495              | 555              | 9,056                          | 13,500    | 0.00          | 1.33       |
| 7     | 0                                | 701      | 1,502        | 190       | 1,173              | 525              | 7,609                          | 11,700    | 0.02          | 1.35       |
| 8     | 0                                | 699      | 1,502        | 190       | 544                | 446              | 6,389                          | 9,770     | 0.00          | 1.35       |
| 9     | 0                                | 699      | 1,497        | 190       | 0                  | 555              | 5,969                          | 8,910     | 0.03          | 1.38       |
| 10    | 0                                | 699      | 1,499        | 190       | 0                  | 471              | 5,291                          | 8,150     | 0.00          | 1.38       |
| 11    | 0                                | 699      | 1,497        | 190       | 0                  | 530              | 6,614                          | 9,530     | 0.19          | 1.57       |
| 12    | 0                                | 699      | 1,497        | 190       | 0                  | 817              | 17,497                         | 20,700    | 1.10          | 2.67       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal October 6<sup>th</sup> – October 12<sup>th</sup>, 2018 averaged 94.7 MGD.

The average diversion for the 30-day period ending October 12<sup>th</sup> 2018 is 91.3 MGD, the maximum is 101 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
 Web address: <http://water.usgs.gov/osw/odrm>  
 Summary river data for October 13<sup>th</sup> – October 19<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Oct 13 | 137                 | 452                   | 0                | 967                    | 230                 | 123                   | 0                                        | 0                 | 0                 | 434                  |
| 14     | 120                 | 452                   | 0                | 968                    | 156                 | 123                   | 0                                        | 0                 | 0                 | 431                  |
| 15     | 101                 | 452                   | 0                | 966                    | 147                 | 123                   | 0                                        | 0                 | 0                 | 427                  |
| 16     | 96                  | 451                   | 0                | 971                    | 140                 | 123                   | 167                                      | 0                 | 0                 | 426                  |
| 17     | 10                  | 451                   | 0                | 975                    | 106                 | 123                   | 199                                      | 0                 | 0                 | 424                  |
| 18     | 0                   | 451                   | 0                | 975                    | 73                  | 123                   | 201                                      | 0                 | 0                 | 422                  |
| 19     | 0                   | 451                   | 0                | 971                    | 73                  | 123                   | 450                                      | 0                 | 0                 | 422                  |

|                             |                                                                                    |                                                    |        |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage October 20, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 138.650 billion gallons<br>140.190 billion gallons | 99.5%  | 1,279.64 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 20, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 88.266 billion gallons<br>95.706 billion gallons   | 94.5%  | 1,146.55 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage October 20, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.776 billion gallons<br>34.941 billion gallons   | 100.2% | 1,440.17 (elev.ft.) |
| Combined contents, PCN:     | Available storage October 20, 2018 (0800)<br>Combined capacity at spillway level   | 261.692 billion gallons<br>270.837 billion gallons | 97.8%  |                     |
| Lake Wallenpaupack:         | Available storage October 19, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 21.765 billion gallons<br>35.451 billion gallons   | 61.4%  | 1,182.62 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
 PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Oct 13 | 0                                | 699      | 1,499        | 190       | 0                  | 826              | 12,486                         | 15,700    | 0.10          | 2.77       |
| 14     | 0                                | 699      | 1,499        | 190       | 0                  | 830              | 10,082                         | 13,300    | 0.06          | 2.83       |
| 15     | 0                                | 699      | 1,496        | 190       | 0                  | 830              | 8,185                          | 11,400    | 0.06          | 2.89       |
| 16     | 0                                | 699      | 1,497        | 190       | 0                  | 826              | 7,588                          | 10,800    | 0.24          | 3.13       |
| 17     | 0                                | 699      | 1,494        | 190       | 0                  | 879              | 6,838                          | 10,100    | 0.00          | 3.13       |
| 18     | 0                                | 699      | 1,502        | 190       | 4                  | 874              | 5,835                          | 9,100     | 0.06          | 3.19       |
| 19     | 0                                | 698      | 1,508        | 190       | 4                  | 604              | 5,046                          | 8,050     | 0.00          | 3.19       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal October 13<sup>th</sup> – October 19<sup>th</sup>, 2018 averaged 94.3 MGD.

The average diversion for the 30-day period ending October 19<sup>th</sup> 2018 is 91.4 MGD, the maximum is 100 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for October 20<sup>th</sup> – October 26<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Oct 20 | 0                   | 452                   | 0                | 968                    | 73                  | 124                   | 450                                      | 0                 | 0                 | 423                  |
| 21     | 0                   | 453                   | 0                | 968                    | 37                  | 123                   | 450                                      | 0                 | 0                 | 423                  |
| 22     | 0                   | 452                   | 0                | 968                    | 33                  | 123                   | 486                                      | 0                 | 0                 | 423                  |
| 23     | 0                   | 452                   | 0                | 967                    | 31                  | 123                   | 497                                      | 0                 | 0                 | 424                  |
| 24     | 0                   | 452                   | 0                | 967                    | 4                   | 123                   | 500                                      | 162               | 49                | 426                  |
| 25     | 0                   | 452                   | 0                | 965                    | 0                   | 123                   | 500                                      | 229               | 0                 | 428                  |
| 26     | 0                   | 452                   | 0                | 964                    | 0                   | 123                   | 511                                      | 0                 | 65                | 429                  |

|                             |                                                                                    |                                                    |       |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|-------|---------------------|
| Pepacton Reservoir (P):     | Available storage October 27, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 134.920 billion gallons<br>140.190 billion gallons | 96.8% | 1,277.59 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 27, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 85.048 billion gallons<br>95.706 billion gallons   | 91.0% | 1,144.35 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage October 27, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.577 billion gallons<br>34.941 billion gallons   | 99.7% | 1,439.77 (elev.ft.) |
| Combined contents, PCN:     | Available storage October 27, 2018 (0800)<br>Combined capacity at spillway level   | 254.545 billion gallons<br>270.837 billion gallons | 95.2% |                     |
| Lake Wallenpaupack:         | Available storage October 26, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.577 billion gallons<br>35.451 billion gallons   | 66.5% | 1,183.55 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Oct 20 | 0                                | 698      | 1,508        | 190       | 4                  | 462              | 4,538                          | 7,400     | 0.00          | 3.19       |
| 21     | 0                                | 698      | 1,502        | 190       | 0                  | 356              | 4,374                          | 7,120     | 0.16          | 3.35       |
| 22     | 0                                | 698      | 1,497        | 192       | 0                  | 425              | 4,248                          | 7,060     | 0.00          | 3.35       |
| 23     | 0                                | 699      | 1,497        | 190       | 0                  | 500              | 3,664                          | 6,550     | 0.00          | 3.35       |
| 24     | 0                                | 701      | 1,497        | 190       | 0                  | 379              | 3,473                          | 6,240     | 0.14          | 3.49       |
| 25     | 0                                | 699      | 1,496        | 190       | 0                  | 449              | 3,356                          | 6,190     | 0.01          | 3.50       |
| 26     | 0                                | 699      | 1,496        | 190       | 0                  | 390              | 3,095                          | 5,870     | 0.00          | 3.50       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal October 20<sup>th</sup> – October 26<sup>th</sup>, 2018 averaged 96.3 MGD.

The average diversion for the 30-day period ending October 26<sup>th</sup> 2018 is 93.0 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for October 27<sup>th</sup> – November 2<sup>nd</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Oct 27 | 0                   | 452                   | 0                | 964                    | 4                   | 123                   | 495                                      | 0                 | 0                 | 429                  |
| 28     | 0                   | 452                   | 0                | 968                    | 86                  | 123                   | 500                                      | 0                 | 0                 | 430                  |
| 29     | 0                   | 452                   | 0                | 970                    | 130                 | 123                   | 497                                      | 210               | 0                 | 432                  |
| 30     | 0                   | 452                   | 0                | 969                    | 110                 | 123                   | 497                                      | 279               | 0                 | 434                  |
| 31     | 0                   | 452                   | 0                | 970                    | 72                  | 123                   | 497                                      | 279               | 0                 | 436                  |
| Nov 1  | 0                   | 452                   | 0                | 969                    | 74                  | 123                   | 345                                      | 278               | 0                 | 437                  |
| 2      | 0                   | 453                   | 0                | 968                    | 291                 | 123                   | 199                                      | 0                 | 0                 | 436                  |

|                             |                                                                                    |                                                    |        |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage November 3, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 135.390 billion gallons<br>140.190 billion gallons | 97.2%  | 1,277.85 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage November 3, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 84.080 billion gallons<br>95.706 billion gallons   | 90.0%  | 1,143.68 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage November 3, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 35.106 billion gallons<br>34.941 billion gallons   | 101.2% | 1,440.83 (elev.ft.) |
| Combined contents, PCN:     | Available storage November 3, 2018 (0800)<br>Combined capacity at spillway level   | 254.576 billion gallons<br>270.837 billion gallons | 95.2%  |                     |
| Lake Wallenpaupack:         | Available storage November 2, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.490 billion gallons<br>35.451 billion gallons   | 69.1%  | 1,184.13 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |             |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|-------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |             |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative  |
| Oct 27 | 0                                | 699      | 1,493        | 190       | 20                 | 474              | 3,374                          | 6,250     | 0.13          | 3.63        |
| 28     | 0                                | 699      | 1,491        | 190       | 0                  | 498              | 8,022                          | 10,900    | 0.82          | 4.45        |
| 29     | 0                                | 699      | 1,491        | 190       | 4                  | 494              | 8,522                          | 11,400    | 0.20          | 4.65        |
| 30     | 0                                | 699      | 1,497        | 190       | 605                | 489              | 8,120                          | 11,600    | 0.04          | 4.69        |
| 31     | 0                                | 699      | 1,501        | 190       | 754                | 802              | 6,754                          | 10,700    | <u>0.00</u>   | <u>4.69</u> |
| Nov 1  | 0                                | 699      | 1,499        | 190       | 756                | 479              | 5,857                          | 9,480     | 0.03          | 0.03        |
| 2      | 0                                | 699      | 1,501        | 190       | 745                | 631              | 6,194                          | 9,960     | 0.27          | 0.30        |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir between October 27 and 31 and 60 cfs between November 1 and 2.

Diversions by New Jersey through the D&R Canal October 27<sup>th</sup> – November 2<sup>nd</sup>, 2018 averaged 94.5 MGD.

The average diversion for the 30-day period ending November 2<sup>nd</sup> 2018 is 95.2 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for November 3<sup>rd</sup> – November 9<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Nov 3 | 0                   | 471                   | 0                | 970                    | 780                 | 128                   | 304                                      | 0                 | 0                 | 435                  |
| 4     | 0                   | 452                   | 0                | 972                    | 407                 | 123                   | 397                                      | 0                 | 0                 | 435                  |
| 5     | 0                   | 452                   | 0                | 972                    | 342                 | 123                   | 397                                      | 0                 | 0                 | 434                  |
| 6     | 7                   | 452                   | 0                | 970                    | 598                 | 123                   | 397                                      | 0                 | 0                 | 434                  |
| 7     | 97                  | 452                   | 0                | 970                    | 436                 | 123                   | 327                                      | 0                 | 140               | 434                  |
| 8     | 210                 | 452                   | 0                | 971                    | 296                 | 123                   | 231                                      | 0                 | 0                 | 433                  |
| 9     | 369                 | 452                   | 0                | 972                    | 288                 | 123                   | 199                                      | 0                 | 0                 | 432                  |

|                             |                                                                                     |                                                    |        |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage November 10, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 140.240 billion gallons<br>140.190 billion gallons | 100.7% | 1,280.50 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage November 10, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 87.765 billion gallons<br>95.706 billion gallons   | 93.9%  | 1,146.21 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage November 10, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.941 billion gallons<br>34.941 billion gallons   | 100.7% | 1,440.50 (elev.ft.) |
| Combined contents, PCN:     | Available storage November 10, 2018 (0800)<br>Combined capacity at spillway level   | 262.946 billion gallons<br>270.837 billion gallons | 98.3%  |                     |
| Lake Wallenpaupack:         | Available storage November 9, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft.  | 25.037 billion gallons<br>35.451 billion gallons   | 70.6%  | 1,184.42 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Nov 3 | 0                                | 699      | 1,499        | 190       | 769                | 674              | 18,469                         | 22,300    | 0.89          | 1.19       |
| 4     | 0                                | 699      | 1,497        | 190       | 776                | 907              | 19,331                         | 23,400    | 0.07          | 1.26       |
| 5     | 0                                | 701      | 1,501        | 198       | 751                | 881              | 13,468                         | 17,500    | 0.00          | 1.26       |
| 6     | 0                                | 729      | 1,504        | 190       | 1,285              | 883              | 14,609                         | 19,200    | 0.33          | 1.59       |
| 7     | 0                                | 699      | 1,504        | 190       | 1,599              | 889              | 18,319                         | 23,200    | 0.44          | 2.03       |
| 8     | 0                                | 699      | 1,501        | 190       | 1,598              | 891              | 13,821                         | 18,700    | 0.00          | 2.03       |
| 9     | 0                                | 699      | 1,501        | 190       | 1,599              | 898              | 11,013                         | 15,900    | 0.00          | 2.03       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir between October 27 and 31 and 60 cfs between November 1 and 2.

Diversions by New Jersey through the D&R Canal November 3<sup>rd</sup> – November 9<sup>th</sup>, 2018 averaged 86.9 MGD.

The average diversion for the 30-day period ending November 9<sup>th</sup> 2018 is 92.8 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for November 10<sup>th</sup> – November 16<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Nov 10 | 533                 | 452                   | 0                | 974                    | 345                 | 123                   | 199                                      | 0                 | 0                 | 430                  |
| 11     | 448                 | 452                   | 0                | 975                    | 261                 | 123                   | 199                                      | 0                 | 0                 | 429                  |
| 12     | 343                 | 452                   | 0                | 975                    | 178                 | 123                   | 289                                      | 0                 | 0                 | 428                  |
| 13     | 405                 | 452                   | 0                | 973                    | 317                 | 123                   | 299                                      | 0                 | 0                 | 427                  |
| 14     | 269                 | 452                   | 0                | 970                    | 253                 | 123                   | 299                                      | 0                 | 0                 | 426                  |
| 15     | 203                 | 452                   | 0                | 970                    | 219                 | 123                   | 299                                      | 0                 | 0                 | 426                  |
| 16     | 167                 | 452                   | 0                | 970                    | 180                 | 123                   | 299                                      | 0                 | 0                 | 425                  |

|                             |                                                                                     |                                                    |        |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage November 17, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 139.680 billion gallons<br>140.190 billion gallons | 100.3% | 1,280.20 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage November 17, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 89.555 billion gallons<br>95.706 billion gallons   | 95.8%  | 1,147.42 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage November 17, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.826 billion gallons<br>34.941 billion gallons   | 100.4% | 1,440.27 (elev.ft.) |
| Combined contents, PCN:     | Available storage November 17, 2018 (0800)<br>Combined capacity at spillway level   | 264.061 billion gallons<br>270.837 billion gallons | 98.7%  |                     |
| Lake Wallenpaupack:         | Available storage November 16, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 26.132 billion gallons<br>35.451 billion gallons   | 73.7%  | 1,184.97 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Nov 10 | 0                                | 699      | 1,502        | 190       | 1,088              | 895              | 16,126                         | 20,500    | 0.75          | 2.78       |
| 11     | 0                                | 699      | 1,504        | 190       | 600                | 851              | 15,756                         | 19,600    | 0.00          | 2.78       |
| 12     | 0                                | 699      | 1,507        | 190       | 566                | 851              | 11,987                         | 15,800    | 0.00          | 2.78       |
| 13     | 0                                | 699      | 1,508        | 190       | 573                | 887              | 12,643                         | 16,500    | 0.53          | 3.31       |
| 14     | 0                                | 699      | 1,508        | 190       | 1,218              | 885              | 15,200                         | 19,700    | 0.03          | 3.34       |
| 15     | 0                                | 699      | 1,505        | 190       | 1,582              | 788              | 11,636                         | 16,400    | 0.00          | 3.34       |
| 16     | 0                                | 699      | 1,501        | 190       | 1,585              | 883              | 10,242                         | 15,100    | 0.74          | 4.08       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.
2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal November 10<sup>th</sup> – November 16<sup>th</sup>, 2018 averaged 80.4 MGD.

The average diversion for the 30-day period ending November 16<sup>th</sup> 2018 is 89.9 MGD, the maximum is 99 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

Web address: <http://water.usgs.gov/osw/odrm>

Summary river data for November 17<sup>th</sup> – November 23<sup>rd</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Nov 17 | 99                  | 452                   | 0                | 971                    | 141                 | 123                   | 298                                      | 0                 | 0                 | 424                  |
| 18     | 42                  | 452                   | 0                | 970                    | 128                 | 123                   | 299                                      | 0                 | 0                 | 424                  |
| 19     | 15                  | 452                   | 0                | 970                    | 141                 | 123                   | 299                                      | 0                 | 0                 | 423                  |
| 20     | 2                   | 452                   | 0                | 970                    | 148                 | 123                   | 296                                      | 0                 | 0                 | 422                  |
| 21     | 0                   | 453                   | 0                | 970                    | 104                 | 123                   | 199                                      | 0                 | 0                 | 421                  |
| 22     | 0                   | 453                   | 0                | 969                    | 55                  | 123                   | 199                                      | 0                 | 0                 | 419                  |
| 23     | 0                   | 453                   | 0                | 968                    | 42                  | 123                   | 200                                      | 0                 | 0                 | 416                  |

|                             |                                                                                     |                                                    |        |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage November 24, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 138.670 billion gallons<br>140.190 billion gallons | 99.5%  | 1,279.65 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage November 24, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 87.647 billion gallons<br>95.706 billion gallons   | 93.8%  | 1,146.13 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage November 24, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.756 billion gallons<br>34.941 billion gallons   | 100.2% | 1,440.13 (elev.ft.) |
| Combined contents, PCN:     | Available storage November 24, 2018 (0800)<br>Combined capacity at spillway level   | 261.073 billion gallons<br>270.837 billion gallons | 97.6%  |                     |
| Lake Wallenpaupack:         | Available storage November 23, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.395 billion gallons<br>35.451 billion gallons   | 66.0%  | 1,183.51 (elev.ft.) |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Nov 17 | 0                                | 699      | 1,501        | 190       | 1,141              | 688              | 10,281                         | 14,500    | 0.26          | 4.34       |
| 18     | 0                                | 699      | 1,501        | 190       | 1,604              | 657              | 8,749                          | 13,400    | 0.00          | 4.34       |
| 19     | 0                                | 699      | 1,502        | 190       | 1,599              | 847              | 8,063                          | 12,900    | 0.14          | 4.48       |
| 20     | 0                                | 699      | 1,501        | 190       | 1,448              | 716              | 8,646                          | 13,200    | 0.37          | 4.85       |
| 21     | 0                                | 699      | 1,501        | 190       | 1,025              | 847              | 10,038                         | 14,300    | 0.00          | 4.85       |
| 22     | 0                                | 699      | 1,501        | 190       | 1,279              | 883              | 8,148                          | 12,700    | 0.00          | 4.85       |
| 23     | 0                                | 699      | 1,501        | 190       | 1,281              | 883              | 6,446                          | 11,000    | 0.00          | 4.85       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal November 17<sup>th</sup> – November 23<sup>rd</sup>, 2018 averaged 89.2 MGD.

The average diversion for the 30-day period ending November 23<sup>rd</sup> 2018 is 88.3 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for November 24<sup>th</sup> – November 30<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Nov 24 | 0                   | 452                   | 0                | 967                    | 89                  | 123                   | 33                                       | 0                 | 0                 | 416                  |
| 25     | 0                   | 452                   | 0                | 967                    | 316                 | 123                   | 0                                        | 0                 | 0                 | 414                  |
| 26     | 78                  | 452                   | 0                | 968                    | 545                 | 123                   | 0                                        | 0                 | 0                 | 411                  |
| 27     | 522                 | 452                   | 0                | 970                    | 630                 | 123                   | 100                                      | 0                 | 0                 | 410                  |
| 28     | 499                 | 452                   | 0                | 971                    | 326                 | 123                   | 199                                      | 0                 | 0                 | 409                  |
| 29     | 376                 | 452                   | 0                | 972                    | 208                 | 123                   | 199                                      | 0                 | 0                 | 407                  |
| 30     | 271                 | 452                   | 0                | 972                    | 160                 | 123                   | 199                                      | 0                 | 0                 | 406                  |

|                             |                                                                                     |                                                    |        |                     |
|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage December 1, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft.  | 139.850 billion gallons<br>140.190 billion gallons | 100.4% | 1,280.29 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage December 1, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft.  | 89.570 billion gallons<br>95.706 billion gallons   | 95.9%  | 1,147.43 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage December 1, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft.  | 34.821 billion gallons<br>34.941 billion gallons   | 100.4% | 1,440.26 (elev.ft.) |
| Combined contents, PCN:     | Available storage December 1, 2018 (0800)<br>Combined capacity at spillway level    | 264.241 billion gallons<br>270.837 billion gallons | 98.8%  |                     |
| Lake Wallenpaupack:         | Available storage November 30, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 24.307 billion gallons<br>35.451 billion gallons   | 68.6%  | 1,183.98 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Nov 24 | 0                                | 701      | 1,499        | 190       | 1,269              | 882              | 5,759                          | 10,300    | 0.00          | 4.85       |
| 25     | 0                                | 701      | 1,497        | 190       | 1,269              | 880              | 11,763                         | 16,300    | 0.51          | 5.36       |
| 26     | 0                                | 701      | 1,496        | 190       | 1,420              | 851              | 15,742                         | 20,400    | 0.00          | 5.36       |
| 27     | 0                                | 699      | 1,496        | 190       | 1,582              | 880              | 26,845                         | 31,700    | 0.79          | 6.15       |
| 28     | 0                                | 699      | 1,497        | 190       | 1,580              | 887              | 24,047                         | 28,900    | 0.06          | 6.21       |
| 29     | 0                                | 699      | 1,501        | 190       | 1,587              | 961              | 16,962                         | 21,900    | 0.01          | 6.22       |
| 30     | 0                                | 699      | 1,502        | 190       | 1,587              | 887              | 13,335                         | 18,200    | 0.00          | 6.22       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.
2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal November 24<sup>th</sup> – November 30<sup>th</sup>, 2018 averaged 60.5 MGD.

The average diversion for the 30-day period ending November 30<sup>th</sup> 2018 is 80.4 MGD, the maximum is 96 MGD.



OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for December 1<sup>st</sup> – December 7<sup>th</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Dec 1 | 195                 | 452                   | 0                | 973                    | 144                 | 123                   | 199                                      | 0                 | 0                 | 405                  |
| 2     | 258                 | 452                   | 0                | 972                    | 293                 | 123                   | 199                                      | 0                 | 0                 | 404                  |
| 3     | 419                 | 452                   | 0                | 973                    | 291                 | 123                   | 199                                      | 0                 | 80                | 403                  |
| 4     | 497                 | 453                   | 0                | 971                    | 255                 | 123                   | 199                                      | 0                 | 0                 | 402                  |
| 5     | 374                 | 452                   | 0                | 968                    | 181                 | 123                   | 346                                      | 0                 | 0                 | 402                  |
| 6     | 205                 | 452                   | 0                | 968                    | 149                 | 123                   | 398                                      | 0                 | 0                 | 402                  |
| 7     | 94                  | 452                   | 0                | 968                    | 122                 | 123                   | 398                                      | 0                 | 0                 | 402                  |

|                             |                                                                                    |                                                    |        |                     |
|-----------------------------|------------------------------------------------------------------------------------|----------------------------------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage December 8, 2018 (0800)<br>Spillway crest elevation 1,280.00 ft. | 139.500 billion gallons<br>139.320 billion gallons | 100.1% | 1,280.10 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage December 8, 2018 (0800)<br>Spillway crest elevation 1,150.00 ft. | 91.908 billion gallons<br>93.448 billion gallons   | 98.4%  | 1,148.99 (elev.ft.) |
| Neversink Reservoir (N):    | Available storage December 8, 2018 (0800)<br>Spillway crest elevation 1,440.00 ft. | 34.796 billion gallons<br>34.692 billion gallons   | 100.3% | 1,440.21 (elev.ft.) |
| Combined contents, PCN:     | Available storage December 8, 2018 (0800)<br>Combined capacity at spillway level   | 266.204 billion gallons<br>267.460 billion gallons | 99.5%  |                     |
| Lake Wallenpaupack:         | Available storage December 7, 2018 (0800)<br>Spillway crest elevation 1,190.00 ft. | 23.942 billion gallons<br>35.451 billion gallons   | 67.5%  | 1,183.81 (elev.ft.) |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Dec 1 | 0                                | 699      | 1,504        | 190       | 1,587              | 887              | 11,133                         | 16,000    | 0.00          | 0.00       |
| 2     | 0                                | 699      | 1,504        | 190       | 1,588              | 852              | 11,267                         | 16,100    | 0.17          | 0.17       |
| 3     | 0                                | 699      | 1,505        | 190       | 1,585              | 887              | 13,034                         | 17,900    | 0.02          | 0.19       |
| 4     | 0                                | 699      | 1,504        | 190       | 1,060              | 804              | 13,043                         | 17,300    | 0.00          | 0.19       |
| 5     | 0                                | 699      | 1,505        | 190       | 1,165              | 585              | 11,256                         | 15,400    | 0.00          | 0.19       |
| 6     | 0                                | 699      | 1,502        | 190       | 490                | 704              | 9,115                          | 12,700    | 0.00          | 0.19       |
| 7     | 0                                | 701      | 1,497        | 190       | 3                  | 713              | 8,096                          | 11,200    | 0.03          | 0.22       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 1<sup>st</sup> – December 7<sup>th</sup>, 2018 averaged 90.2 MGD.

The average diversion for the 30-day period ending December 7<sup>th</sup> 2018 is 80.7 MGD, the maximum is 96 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for December 8<sup>th</sup> – December 14<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date  | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|-------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|       | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|       | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Dec 8 | 29                  | 452                   | 0                | 968                    | 99                  | 123                   | 399                                      | 0                 | 0                 | 402                  |
| 9     | 0                   | 452                   | 0                | 968                    | 85                  | 124                   | 398                                      | 0                 | 0                 | 402                  |
| 10    | 0                   | 452                   | 0                | 967                    | 77                  | 123                   | 398                                      | 0                 | 0                 | 402                  |
| 11    | 0                   | 452                   | 0                | 965                    | 57                  | 123                   | 397                                      | 0                 | 0                 | 402                  |
| 12    | 0                   | 452                   | 0                | 964                    | 41                  | 123                   | 398                                      | 0                 | 0                 | 402                  |
| 13    | 0                   | 452                   | 0                | 964                    | 34                  | 123                   | 482                                      | 0                 | 0                 | 402                  |
| 14    | 0                   | 452                   | 0                | 966                    | 28                  | 123                   | 497                                      | 9                 | 0                 | 403                  |

|                             |                                            |                         |        |                     |
|-----------------------------|--------------------------------------------|-------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage December 15, 2018 (0800) | 136.790 billion gallons | 98.2%  | 1,278.62 (elev.ft.) |
|                             | Spillway crest elevation 1,280.00 ft.      | 139.320 billion gallons |        |                     |
| Cannonsville Reservoir (C): | Available storage December 15, 2018 (0800) | 89.436 billion gallons  | 95.7%  | 1,147.34 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.      | 93.448 billion gallons  |        |                     |
| Neversink Reservoir (N):    | Available storage December 15, 2018 (0800) | 34.726 billion gallons  | 100.1% | 1,440.07 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.      | 34.692 billion gallons  |        |                     |
| Combined contents, PCN:     | Available storage December 15, 2018 (0800) | 260.952 billion gallons | 97.6%  |                     |
|                             | Combined capacity at spillway level        | 267.460 billion gallons |        |                     |
| Lake Wallenpaupack:         | Available storage December 14, 2018 (0800) | 23.942 billion gallons  | 67.5%  | 1,183.88 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.      | 35.451 billion gallons  |        |                     |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date  | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|-------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|       | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|       |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Dec 8 | 0                                | 699      | 1,497        | 190       | 4                  | 388              | 7,072                          | 9,850     | 0.00          | 0.22       |
| 9     | 0                                | 699      | 1,497        | 190       | 4                  | 260              | 5,890                          | 8,540     | 0.00          | 0.22       |
| 10    | 0                                | 699      | 1,497        | 192       | 4                  | 495              | 5,553                          | 8,440     | 0.00          | 0.22       |
| 11    | 0                                | 699      | 1,497        | 190       | 601                | 426              | 4,957                          | 8,370     | 0.00          | 0.22       |
| 12    | 0                                | 699      | 1,496        | 190       | 703                | 588              | 4,344                          | 8,020     | 0.00          | 0.22       |
| 13    | 0                                | 699      | 1,493        | 190       | 698                | 618              | 4,042                          | 7,740     | 0.00          | 0.22       |
| 14    | 0                                | 699      | 1,491        | 190       | 679                | 567              | 3,784                          | 7,410     | 0.02          | 0.24       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 120 cfs from Rio Reservoir.

Divisions by New Jersey through the D&R Canal December 8<sup>th</sup> – December 14<sup>th</sup>, 2018 averaged 95.8 MGD.

The average diversion for the 30-day period ending December 14<sup>th</sup> 2018 is 83.3 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA  
Web address: <http://water.usgs.gov/osw/odrm>  
Summary river data for December 15<sup>th</sup> – December 21<sup>st</sup>, 2018 (preliminary data – subject to revision)  
**RESERVOIR OPERATION DATA**  
Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Dec 15 | 0                   | 452                   | 0                | 967                    | 28                  | 123                   | 497                                      | 0                 | 0                 | 403                  |
| 16     | 0                   | 452                   | 0                | 967                    | 83                  | 123                   | 497                                      | 0                 | 0                 | 404                  |
| 17     | 0                   | 452                   | 0                | 967                    | 79                  | 123                   | 497                                      | 0                 | 0                 | 404                  |
| 18     | 0                   | 452                   | 0                | 967                    | 15                  | 123                   | 497                                      | 0                 | 0                 | 405                  |
| 19     | 0                   | 452                   | 0                | 965                    | 0                   | 123                   | 494                                      | 0                 | 0                 | 405                  |
| 20     | 0                   | 452                   | 0                | 964                    | 47                  | 98                    | 0                                        | 0                 | 0                 | 403                  |
| 21     | 0                   | 452                   | 0                | 965                    | 1,850               | 55                    | 0                                        | 0                 | 0                 | 401                  |

|                             |                                            |                         |        |                     |
|-----------------------------|--------------------------------------------|-------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage December 22, 2018 (0800) | 136.547 billion gallons | 98.0%  | 1,278.49 (elev.ft.) |
|                             | Spillway crest elevation 1,280.00 ft.      | 139.320 billion gallons |        |                     |
| Cannonsville Reservoir (C): | Available storage December 22, 2018 (0800) | 88.050 billion gallons  | 94.2%  | 1,146.37 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.      | 93.448 billion gallons  |        |                     |
| Neversink Reservoir (N):    | Available storage December 22, 2018 (0800) | 34.726 billion gallons  | 102.0% | 1,441.39 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.      | 34.692 billion gallons  |        |                     |
| Combined contents, PCN:     | Available storage December 22, 2018 (0800) | 259.999 billion gallons | 97.2%  |                     |
|                             | Combined capacity at spillway level        | 267.460 billion gallons |        |                     |
| Lake Wallenpaupack:         | Available storage December 21, 2018 (0800) | 25.220 billion gallons  | 71.1%  | 1,184.56 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.      | 35.451 billion gallons  |        |                     |

**SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN**  
Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Dec 15 | 0                                | 699      | 1,491        | 190       | 678                | 248              | 3,454                          | 6,760     | 0.01          | 0.25       |
| 16     | 0                                | 699      | 1,494        | 190       | 4                  | 267              | 4,866                          | 7,520     | 0.13          | 0.38       |
| 17     | 0                                | 699      | 1,496        | 190       | 4                  | 264              | 10,447                         | 13,100    | 0.12          | 0.50       |
| 18     | 0                                | 699      | 1,496        | 190       | 356                | 683              | 8,876                          | 12,300    | 0.01          | 0.51       |
| 19     | 0                                | 699      | 1,496        | 190       | 871                | 565              | 6,579                          | 10,400    | 0.00          | 0.51       |
| 20     | 0                                | 699      | 1,496        | 190       | 1,429              | 582              | 5,604                          | 10,000    | 0.00          | 0.51       |
| 21     | 0                                | 699      | 1,493        | 152       | 1,626              | 624              | 10,106                         | 14,700    | 0.60          | 1.11       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 15<sup>th</sup> – December 21<sup>st</sup>, 2018 averaged 85.5 MGD.

The average diversion for the 30-day period ending December 21<sup>st</sup> 2018 is 83.7 MGD, the maximum is 98 MGD.

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA

Web address: <http://water.usgs.gov/osw/odrm>

Summary river data for December 22<sup>nd</sup> – December 28<sup>th</sup>, 2018 (preliminary data – subject to revision)

RESERVOIR OPERATION DATA

Millions of gallons – 24 hour period, local time

| Date   | Discharge to river  |                       |                  |                        |                     |                       | Diversions to New York City water supply |                   |                   |                      |
|--------|---------------------|-----------------------|------------------|------------------------|---------------------|-----------------------|------------------------------------------|-------------------|-------------------|----------------------|
|        | Pepacton            |                       | Cannonsville     |                        | Neversink           |                       | Pepacton                                 | Cannonsville      | Neversink         | Average              |
|        | Spill<br>Begin 1200 | Release<br>begin 1200 | Spill begin 2400 | Release<br>end<br>2400 | Spill begin<br>1500 | Release<br>begin 1500 | Beginning<br>0800                        | Beginning<br>0800 | Beginning<br>0800 | 1-June-16<br>to date |
| Dec 22 | 0                   | 452                   | 0                | 968                    | 1,197               | 56                    | 0                                        | 0                 | 0                 | 399                  |
| 23     | 0                   | 452                   | 0                | 969                    | 463                 | 123                   | 0                                        | 0                 | 0                 | 397                  |
| 24     | 16                  | 452                   | 0                | 970                    | 294                 | 123                   | 0                                        | 0                 | 0                 | 395                  |
| 25     | 158                 | 452                   | 0                | 970                    | 179                 | 123                   | 0                                        | 0                 | 0                 | 393                  |
| 26     | 252                 | 452                   | 0                | 970                    | 143                 | 122                   | 0                                        | 0                 | 0                 | 391                  |
| 27     | 276                 | 452                   | 0                | 970                    | 125                 | 123                   | 0                                        | 0                 | 0                 | 390                  |
| 28     | 330                 | 452                   | 0                | 970                    | 223                 | 123                   | 0                                        | 0                 | 0                 | 388                  |

|                             |                                            |                         |        |                     |
|-----------------------------|--------------------------------------------|-------------------------|--------|---------------------|
| Pepacton Reservoir (P):     | Available storage December 29, 2018 (0800) | 140.030 billion gallons | 100.5% | 1,280.39 (elev.ft.) |
|                             | Spillway crest elevation 1,280.00 ft.      | 139.320 billion gallons |        |                     |
| Cannonsville Reservoir (C): | Available storage December 29, 2018 (0800) | 89.407 billion gallons  | 95.7%  | 1,147.32 (elev.ft.) |
|                             | Spillway crest elevation 1,150.00 ft.      | 93.448 billion gallons  |        |                     |
| Neversink Reservoir (N):    | Available storage December 29, 2018 (0800) | 34.901 billion gallons  | 100.6% | 1,440.42 (elev.ft.) |
|                             | Spillway crest elevation 1,440.00 ft.      | 34.692 billion gallons  |        |                     |
| Combined contents, PCN:     | Available storage December 29, 2018 (0800) | 264.338 billion gallons | 98.8%  |                     |
|                             | Combined capacity at spillway level        | 267.460 billion gallons |        |                     |
| Lake Wallenpaupack:         | Available storage December 28, 2018 (0800) | 24.125 billion gallons  | 68.1%  | 1,183.96 (elev.ft.) |
|                             | Spillway crest elevation 1,190.00 ft.      | 35.451 billion gallons  |        |                     |

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND

PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

| Date   | Releases from NYC Reservoirs     |          |              |           | Power releases     |                  | Computed                       | Total     | Precipitation |            |
|--------|----------------------------------|----------|--------------|-----------|--------------------|------------------|--------------------------------|-----------|---------------|------------|
|        | Directed<br>release <sup>1</sup> | Pepacton | Cannonsville | Neversink | Wallen-<br>paupack | Rio<br>Reservoir | Uncon-<br>trolled <sup>2</sup> | Discharge | (inches)      |            |
|        |                                  |          |              |           |                    |                  |                                |           | Daily         | Cumulative |
| Dec 22 | 0                                | 699      | 1,491        | 85        | 1,622              | 782              | 27,921                         | 32,600    | 0.26          | 1.37       |
| 23     | 0                                | 699      | 1,493        | 87        | 1,622              | 884              | 20,315                         | 25,100    | 0.00          | 1.37       |
| 24     | 0                                | 699      | 1,497        | 190       | 1,624              | 884              | 13,906                         | 18,800    | 0.04          | 1.41       |
| 25     | 0                                | 699      | 1,499        | 190       | 1,623              | 1,250            | 10,639                         | 15,900    | 0.01          | 1.42       |
| 26     | 0                                | 699      | 1,501        | 190       | 1,620              | 1,240            | 8,750                          | 14,000    | 0.00          | 1.42       |
| 27     | 0                                | 699      | 1,501        | 189       | 1,621              | 1,220            | 7,270                          | 12,500    | 0.00          | 1.42       |
| 28     | 0                                | 699      | 1,501        | 190       | 1,117              | 783              | 7,610                          | 11,900    | 0.16          | 1.58       |

1. Release directed to maintain a flow at Montague of 1,750 cfs and Trenton of 3,000 cfs.

2. Includes conservation release of 120 cfs from Rio Reservoir.

Diversions by New Jersey through the D&R Canal December 22<sup>nd</sup> – December 28<sup>th</sup>, 2018 averaged 86.2 MGD.

The average diversion for the 30-day period ending December 28<sup>th</sup> 2018 is 89.7 MGD, the maximum is 98 MGD.