

OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA
 Web address: <http://water.usgs.gov/osw/odrm>
 Summary river data for September 29th – October 5th, 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 Begin 1200 | Release begin 1200 | Spill begin 2400 | Release end 2400 | Spill begin 1500 | Release begin 1500 | Beginning 0800 | Beginning 0800 | Beginning 0800 | 1-June-16 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) Spillway crest elevation 1,280.00 ft. | 139.760 billion gallons 140.190 billion gallons | 100.3% | 1,280.24 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 6, 2018 (0800) Spillway crest elevation 1,150.00 ft. | 89.600 billion gallons 95.706 billion gallons | 95.9% | 1,147.45 (elev.ft.) |
| Neversink Reservoir (N): | Available storage October 6, 2018 (0800) Spillway crest elevation 1,440.00 ft. | 34.836 billion gallons 34.941 billion gallons | 100.4% | 1,440.29 (elev.ft.) |
| Combined contents, PCN: | Available storage October 6, 2018 (0800) Combined capacity at spillway level | 264.196 billion gallons 270.837 billion gallons | 98.8% | |
| Lake Wallenpaupack: | Available storage October 5, 2018 (0800) Spillway crest elevation 1,190.00 ft. | 15.378 billion gallons 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 release ¹ | Pepacton | Cannonsville | Neversink | Wallen- paupack | Rio Reservoir | Uncon- trolled ² | 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 29th – October 5th, 2018 averaged 94.3 MGD.

The average diversion for the 30-day period ending October 5th 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 6th – October 12th, 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 Begin 1200 | Release begin 1200 | Spill begin 2400 | Release end 2400 | Spill begin 1500 | Release begin 1500 | Beginning 0800 | Beginning 0800 | Beginning 0800 | 1-June-16 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) Spillway crest elevation 1,280.00 ft. | 139.680 billion gallons 140.190 billion gallons | 100.3% | 1,280.20 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 13, 2018 (0800) Spillway crest elevation 1,150.00 ft. | 89.080 billion gallons 95.706 billion gallons | 95.3% | 1,147.10 (elev.ft.) |
| Neversink Reservoir (N): | Available storage October 13, 2018 (0800) Spillway crest elevation 1,440.00 ft. | 34.891 billion gallons 34.941 billion gallons | 100.6% | 1,440.40 (elev.ft.) |
| Combined contents, PCN: | Available storage October 13, 2018 (0800) Combined capacity at spillway level | 263.651 billion gallons 270.837 billion gallons | 98.6% | |
| Lake Wallenpaupack: | Available storage October 12, 2018 (0800) Spillway crest elevation 1,190.00 ft. | 17.490 billion gallons 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 release ¹ | Pepacton | Cannonsville | Neversink | Wallen- paupack | Rio Reservoir | Uncon- trolled ² | 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.

Diversions by New Jersey through the D&R Canal October 6th – October 12th, 2018 averaged 94.7 MGD.

The average diversion for the 30-day period ending October 12th 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 13th – October 19th, 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 Begin 1200 | Release begin 1200 | Spill begin 2400 | Release end 2400 | Spill begin 1500 | Release begin 1500 | Beginning 0800 | Beginning 0800 | Beginning 0800 | 1-June-16 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) Spillway crest elevation 1,280.00 ft. | 138.650 billion gallons 140.190 billion gallons | 99.5% | 1,279.64 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 20, 2018 (0800) Spillway crest elevation 1,150.00 ft. | 88.266 billion gallons 95.706 billion gallons | 94.5% | 1,146.55 (elev.ft.) |
| Neversink Reservoir (N): | Available storage October 20, 2018 (0800) Spillway crest elevation 1,440.00 ft. | 34.776 billion gallons 34.941 billion gallons | 100.2% | 1,440.17 (elev.ft.) |
| Combined contents, PCN: | Available storage October 20, 2018 (0800) Combined capacity at spillway level | 261.692 billion gallons 270.837 billion gallons | 97.8% | |
| Lake Wallenpaupack: | Available storage October 19, 2018 (0800) Spillway crest elevation 1,190.00 ft. | 21.765 billion gallons 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 release ¹ | Pepacton | Cannonsville | Neversink | Wallen- paupack | Rio Reservoir | Uncon- trolled ² | 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.

Diversions by New Jersey through the D&R Canal October 13th – October 19th, 2018 averaged 94.3 MGD.

The average diversion for the 30-day period ending October 19th 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 20th – October 26th, 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 Begin 1200 | Release begin 1200 | Spill begin 2400 | Release end 2400 | Spill begin 1500 | Release begin 1500 | Beginning 0800 | Beginning 0800 | Beginning 0800 | 1-June-16 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) Spillway crest elevation 1,280.00 ft. | 134.920 billion gallons 140.190 billion gallons | 96.8% | 1,277.59 (elev.ft.) |
| Cannonsville Reservoir (C): | Available storage October 27, 2018 (0800) Spillway crest elevation 1,150.00 ft. | 85.048 billion gallons 95.706 billion gallons | 91.0% | 1,144.35 (elev.ft.) |
| Neversink Reservoir (N): | Available storage October 27, 2018 (0800) Spillway crest elevation 1,440.00 ft. | 34.577 billion gallons 34.941 billion gallons | 99.7% | 1,439.77 (elev.ft.) |
| Combined contents, PCN: | Available storage October 27, 2018 (0800) Combined capacity at spillway level | 254.545 billion gallons 270.837 billion gallons | 95.2% | |
| Lake Wallenpaupack: | Available storage October 26, 2018 (0800) Spillway crest elevation 1,190.00 ft. | 23.577 billion gallons 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 release ¹ | Pepacton | Cannonsville | Neversink | Wallen- paupack | Rio Reservoir | Uncon- trolled ² | 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 20th – October 26th, 2018 averaged 96.3 MGD.

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