

## DELAWARE RIVER BASIN

## 01432805 DELAWARE RIVER AT POND EDDY, NY

**LOCATION.**--Lat 41°26'20", long 74°49'11", Pike County, Pa., Hydrologic Unit 02040104, at interstate bridge at Pond Eddy, 450 ft downstream from Mill Brook, and 4.5 mi upstream from Mongaup River.

**DRAINAGE AREA.**--2,820 mi<sup>2</sup>.

**PERIOD OF DAILY RECORD.**--

WATER TEMPERATURES: October 1973 to current year.

**INSTRUMENTATION.**--Water-temperature recorder provides 15-minute-interval readings. Prior to August 1994, water-temperature recorder provided one-hour-interval readings.

**EXTREMES FOR PERIOD OF DAILY RECORD.**--

WATER TEMPERATURES: Maximum (water years 1976, 1978, 1980-81, 1983-84, 1986, 1989-90, 1992-2001) 31.5°C, July 5, 1999; minimum (water years 1974, 1977-78, 1980, 1983-2001), 0.0°C on many days during winters, except 1978, 1980, and 1985.

**EXTREMES FOR CURRENT YEAR.**--

WATER TEMPERATURES: Maximum, 30.0°C, Aug. 6; minimum, 0.0°C on many days during winter.

## WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DAY   | MAX     | MIN  | MEAN | MAX      | MIN | MEAN | MAX      | MIN | MEAN | MAX     | MIN | MEAN |
|-------|---------|------|------|----------|-----|------|----------|-----|------|---------|-----|------|
|       | OCTOBER |      |      | NOVEMBER |     |      | DECEMBER |     |      | JANUARY |     |      |
| 1     | 16.5    | 14.5 | 15.0 | 8.5      | 6.5 | 7.0  | 3.0      | 2.0 | 2.5  | .0      | .0  | .0   |
| 2     | 17.0    | 15.0 | 16.0 | 8.5      | 6.5 | 7.0  | 2.0      | .5  | 1.5  | .0      | .0  | .0   |
| 3     | 17.5    | 15.5 | 16.5 | 8.5      | 6.5 | 7.5  | .5       | .0  | .0   | .0      | .0  | .0   |
| 4     | 17.0    | 16.0 | 16.5 | 9.0      | 7.5 | 8.5  | .5       | .0  | .0   | .0      | .0  | .0   |
| 5     | 16.5    | 15.5 | 16.0 | 8.5      | 7.5 | 8.0  | .5       | .0  | .0   | .0      | .0  | .0   |
| 6     | 16.0    | 15.0 | 15.5 | 8.0      | 6.5 | 7.0  | .5       | .0  | .0   | .0      | .0  | .0   |
| 7     | 15.5    | 13.0 | 14.5 | 8.0      | 6.0 | 7.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 8     | 13.0    | 10.5 | 12.0 | 8.0      | 6.0 | 7.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 9     | 10.5    | 9.0  | 10.0 | 8.0      | 7.0 | 7.5  | .0       | .0  | .0   | .0      | .0  | .0   |
| 10    | 9.0     | 8.5  | 8.5  | 9.0      | 8.0 | 8.5  | .0       | .0  | .0   | .0      | .0  | .0   |
| 11    | 10.0    | 8.0  | 9.0  | 9.0      | 8.5 | 9.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 12    | 11.5    | 8.5  | 10.0 | 9.0      | 8.0 | 8.5  | .5       | .0  | .0   | .0      | .0  | .0   |
| 13    | 12.5    | 9.0  | 10.5 | 8.5      | 8.0 | 8.0  | .5       | .0  | .0   | .0      | .0  | .0   |
| 14    | 13.5    | 10.5 | 12.0 | 8.0      | 7.5 | 8.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 15    | 14.0    | 11.5 | 12.5 | 7.5      | 6.0 | 6.5  | .0       | .0  | .0   | .0      | .0  | .0   |
| 16    | 13.5    | 13.0 | 13.0 | 6.0      | 5.5 | 6.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 17    | 13.0    | 12.0 | 12.5 | 6.0      | 5.0 | 5.5  | 1.0      | .0  | .0   | .0      | .0  | .0   |
| 18    | 12.5    | 12.0 | 12.0 | 5.0      | 4.0 | 4.5  | 2.0      | .0  | 1.0  | .0      | .0  | .0   |
| 19    | 12.0    | 11.0 | 11.5 | 4.5      | 3.5 | 4.0  | 1.5      | .5  | 1.0  | .0      | .0  | .0   |
| 20    | 11.5    | 10.5 | 11.0 | 3.5      | 2.5 | 3.0  | .5       | .5  | .5   | .0      | .0  | .0   |
| 21    | 12.0    | 10.5 | 11.5 | 3.0      | 1.5 | 2.5  | .5       | .0  | .0   | .0      | .0  | .0   |
| 22    | 12.0    | 11.0 | 11.5 | 1.5      | .5  | 1.0  | .5       | .0  | .5   | .0      | .0  | .0   |
| 23    | 11.5    | 10.5 | 11.0 | .5       | .0  | .5   | .0       | .0  | .0   | .0      | .0  | .0   |
| 24    | 11.5    | 10.0 | 10.5 | .5       | .0  | .0   | .0       | .0  | .0   | .0      | .0  | .0   |
| 25    | 12.0    | 10.5 | 11.5 | .5       | .0  | .0   | .0       | .0  | .0   | .0      | .0  | .0   |
| 26    | 13.0    | 11.5 | 12.0 | .5       | .0  | .0   | .0       | .0  | .0   | .0      | .0  | .0   |
| 27    | 13.5    | 11.5 | 12.5 | 1.5      | .0  | .5   | .0       | .0  | .0   | .0      | .0  | .0   |
| 28    | 13.0    | 11.0 | 12.0 | 2.5      | 1.5 | 2.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 29    | 11.0    | 8.0  | 9.5  | 2.5      | 2.0 | 2.5  | .0       | .0  | .0   | .0      | .0  | .0   |
| 30    | 8.0     | 7.0  | 7.5  | 3.0      | 2.5 | 3.0  | .0       | .0  | .0   | .0      | .0  | .0   |
| 31    | 8.5     | 6.5  | 7.0  | ---      | --- | ---  | .0       | .0  | .0   | .0      | .0  | .0   |
| MONTH | 17.5    | 6.5  | 12.0 | 9.0      | .0  | 5.0  | 3.0      | .0  | .0   | .0      | .0  | .0   |

## DELAWARE RIVER BASIN

## 01432805 DELAWARE RIVER AT POND EDDY, NY--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DAY   | MAX             | MIN  | MEAN | MAX          | MIN  | MEAN | MAX           | MIN  | MEAN | MAX              | MIN  | MEAN |
|-------|-----------------|------|------|--------------|------|------|---------------|------|------|------------------|------|------|
|       | <b>FEBRUARY</b> |      |      | <b>MARCH</b> |      |      | <b>APRIL</b>  |      |      | <b>MAY</b>       |      |      |
| 1     | .0              | .0   | .0   | .5           | .0   | .0   | 3.0           | 2.0  | 2.5  | 16.0             | 13.5 | 14.5 |
| 2     | .0              | .0   | .0   | .5           | .0   | .5   | 3.5           | 2.5  | 3.0  | 17.5             | 15.5 | 16.5 |
| 3     | .0              | .0   | .0   | 1.5          | .5   | 1.0  | 4.5           | 3.0  | 3.5  | 19.5             | 16.5 | 18.0 |
| 4     | .0              | .0   | .0   | 1.5          | .0   | .5   | 5.5           | 3.5  | 4.5  | 21.0             | 18.0 | 19.5 |
| 5     | .0              | .0   | .0   | .0           | .0   | .0   | 6.0           | 4.5  | 5.0  | 20.5             | 18.0 | 19.5 |
| 6     | .0              | .0   | .0   | .5           | .0   | .0   | 5.5           | 4.5  | 5.0  | 20.0             | 16.5 | 18.0 |
| 7     | .0              | .0   | .0   | 2.0          | .5   | 1.0  | 4.5           | 4.5  | 4.5  | 20.0             | 16.0 | 17.5 |
| 8     | .0              | .0   | .0   | 1.5          | .5   | 1.0  | 4.5           | 4.0  | 4.5  | 20.0             | 15.5 | 17.5 |
| 9     | .0              | .0   | .0   | 1.5          | 1.0  | 1.0  | 6.5           | 4.0  | 5.0  | 20.0             | 16.5 | 18.0 |
| 10    | .0              | .0   | .0   | 2.5          | 1.0  | 1.5  | 6.5           | 6.0  | 6.5  | 21.5             | 17.0 | 18.5 |
| 11    | .0              | .0   | .0   | 2.0          | .5   | 1.0  | 6.0           | 5.5  | 6.0  | 22.0             | 18.0 | 19.5 |
| 12    | .0              | .0   | .0   | 3.0          | .0   | 1.5  | 6.0           | 5.0  | 5.5  | 22.0             | 19.5 | 20.5 |
| 13    | .0              | .0   | .0   | 2.5          | 1.5  | 2.0  | 7.5           | 5.5  | 6.5  | 21.0             | 17.5 | 19.0 |
| 14    | .0              | .0   | .0   | 2.0          | 1.5  | 1.5  | 8.0           | 6.5  | 7.5  | 19.5             | 16.5 | 17.5 |
| 15    | .0              | .0   | .0   | 1.5          | 1.0  | 1.5  | 8.0           | 6.5  | 7.5  | 19.5             | 15.0 | 17.0 |
| 16    | .0              | .0   | .0   | 2.5          | 1.0  | 2.0  | 8.0           | 7.0  | 7.5  | 20.0             | 15.0 | 17.0 |
| 17    | .0              | .0   | .0   | 2.5          | 1.5  | 2.0  | 7.5           | 7.0  | 7.0  | 17.5             | 16.0 | 16.5 |
| 18    | .0              | .0   | .0   | 2.5          | 1.0  | 2.0  | 7.5           | 6.0  | 6.5  | 16.0             | 15.5 | 15.5 |
| 19    | .0              | .0   | .0   | 3.0          | 1.0  | 2.0  | 7.5           | 5.5  | 6.5  | 19.0             | 15.0 | 16.5 |
| 20    | .0              | .0   | .0   | 3.5          | 1.5  | 2.5  | 7.5           | 6.0  | 7.0  | 18.5             | 17.0 | 18.0 |
| 21    | .5              | .0   | .0   | 3.5          | 1.5  | 2.0  | 9.0           | 7.5  | 8.0  | 17.5             | 16.0 | 16.5 |
| 22    | .0              | .0   | .0   | 2.0          | 1.5  | 1.5  | 12.5          | 9.0  | 10.5 | 16.0             | 15.5 | 16.0 |
| 23    | .0              | .0   | .0   | 3.5          | 1.5  | 2.0  | 15.0          | 12.0 | 13.0 | 16.0             | 15.5 | 15.5 |
| 24    | .0              | .0   | .0   | 3.0          | 2.5  | 2.5  | 16.0          | 13.5 | 14.5 | 18.0             | 15.5 | 16.5 |
| 25    | .0              | .0   | .0   | 3.0          | 2.0  | 2.5  | 14.0          | 12.5 | 13.0 | 17.5             | 16.0 | 17.0 |
| 26    | .5              | .0   | .5   | 2.5          | 2.0  | 2.0  | 13.0          | 10.5 | 12.0 | 16.0             | 15.5 | 15.5 |
| 27    | 1.0             | .0   | .5   | 2.0          | 1.0  | 1.5  | 12.5          | 11.0 | 12.0 | 16.0             | 15.5 | 15.5 |
| 28    | 1.0             | .0   | .5   | 3.5          | 1.5  | 2.5  | 13.0          | 11.0 | 12.5 | 17.0             | 15.5 | 16.5 |
| 29    | ---             | ---  | ---  | 3.0          | 2.0  | 2.5  | 13.5          | 11.5 | 12.5 | 17.0             | 16.0 | 16.5 |
| 30    | ---             | ---  | ---  | 3.0          | 2.0  | 2.5  | 14.5          | 12.0 | 13.0 | 17.0             | 15.5 | 16.5 |
| 31    | ---             | ---  | ---  | 2.5          | 1.5  | 2.0  | ---           | ---  | ---  | 17.0             | 14.5 | 15.5 |
| MONTH | 1.0             | .0   | .0   | 3.5          | .0   | 1.5  | 16.0          | 2.0  | 8.0  | 22.0             | 13.5 | 17.0 |
|       |                 |      |      |              |      |      |               |      |      |                  |      |      |
| DAY   | MAX             | MIN  | MEAN | MAX          | MIN  | MEAN | MAX           | MIN  | MEAN | MAX              | MIN  | MEAN |
|       | <b>JUNE</b>     |      |      | <b>JULY</b>  |      |      | <b>AUGUST</b> |      |      | <b>SEPTEMBER</b> |      |      |
| 1     | 16.5            | 15.0 | 15.5 | 26.5         | 23.5 | 25.5 | 26.5          | 22.5 | 24.0 | 23.0             | 21.0 | 21.5 |
| 2     | 16.5            | 15.0 | 15.5 | ---          | ---  | ---  | 27.0          | 23.5 | 25.0 | 22.0             | 19.0 | 20.5 |
| 3     | 16.5            | 15.0 | 16.0 | 22.0         | ---  | ---  | 26.5          | 24.5 | 25.0 | 22.5             | 19.0 | 20.0 |
| 4     | 16.5            | 15.0 | 15.5 | 23.5         | ---  | ---  | 26.0          | 24.5 | 25.0 | 20.5             | 19.5 | 20.0 |
| 5     | 17.0            | 15.0 | 16.0 | 26.0         | ---  | ---  | 28.5          | 24.5 | 26.0 | 22.0             | 18.5 | 19.5 |
| 6     | 18.5            | 16.5 | 17.5 | 23.5         | ---  | ---  | 30.0          | 25.5 | 27.0 | 22.0             | 18.0 | 19.5 |
| 7     | 19.5            | 17.0 | 18.0 | 23.0         | ---  | ---  | 29.0          | 26.5 | 27.5 | 22.5             | 18.5 | 20.0 |
| 8     | 20.5            | 18.0 | 19.0 | 22.5         | ---  | ---  | 29.0          | 26.0 | 27.0 | 23.0             | 19.5 | 21.0 |
| 9     | 21.0            | 18.5 | 19.5 | 26.5         | ---  | ---  | 29.5          | 26.5 | 27.5 | 23.5             | 20.5 | 21.5 |
| 10    | 22.0            | 19.0 | 20.0 | 26.0         | 23.5 | ---  | 28.5          | 26.5 | 27.5 | 23.0             | 21.5 | 21.5 |
| 11    | 20.5            | 19.5 | 20.0 | 25.5         | ---  | ---  | 26.5          | 24.0 | 25.5 | 23.0             | 20.0 | 21.0 |
| 12    | 22.0            | 17.5 | 20.0 | 24.0         | ---  | ---  | 24.5          | 24.0 | 24.0 | 23.0             | 19.5 | 20.5 |
| 13    | 23.5            | 20.5 | 22.0 | 22.5         | 20.5 | ---  | 25.5          | 23.5 | 24.5 | 22.5             | 19.5 | 20.5 |
| 14    | 25.0            | 22.5 | 24.0 | 22.5         | ---  | ---  | 26.0          | 23.0 | 24.5 | 21.0             | 19.0 | 20.0 |
| 15    | 26.0            | 23.5 | 24.5 | 23.5         | ---  | ---  | 26.5          | 22.5 | 24.0 | 20.0             | 17.0 | 18.5 |
| 16    | 25.0            | 23.5 | 24.5 | 26.0         | ---  | ---  | 26.0          | 22.5 | 24.0 | 20.0             | 17.0 | 18.0 |
| 17    | 24.5            | 22.0 | 23.0 | 24.0         | ---  | ---  | 25.5          | 23.5 | 24.0 | 20.5             | 16.5 | 18.0 |
| 18    | 23.5            | 20.0 | 22.0 | 26.0         | ---  | ---  | 25.0          | 22.5 | 23.5 | 20.0             | 17.0 | 18.0 |
| 19    | 24.0            | 20.5 | 22.5 | 26.0         | ---  | ---  | 25.5          | 22.5 | 23.5 | 20.5             | 17.5 | 18.5 |
| 20    | 25.0            | 22.5 | 23.5 | 26.5         | ---  | ---  | 25.5          | 23.0 | 24.0 | 19.0             | 18.5 | 18.5 |
| 21    | 24.0            | 22.0 | ---  | 27.0         | ---  | ---  | 25.5          | 22.5 | 23.5 | 20.5             | 18.0 | 19.0 |
| 22    | 22.0            | 20.5 | ---  | 28.0         | ---  | ---  | 26.0          | 22.0 | 23.5 | 21.0             | 19.0 | 19.5 |
| 23    | 21.0            | ---  | ---  | 28.5         | ---  | ---  | 23.5          | 21.5 | 22.5 | 21.5             | 18.5 | 20.0 |
| 24    | 22.0            | 20.5 | 21.0 | 28.0         | ---  | ---  | 23.5          | 20.5 | 22.0 | 20.5             | 19.0 | 20.0 |
| 25    | 23.0            | 20.5 | ---  | 28.5         | ---  | ---  | 24.5          | 21.0 | 22.5 | 20.5             | 18.5 | 19.5 |
| 26    | 25.5            | ---  | ---  | 26.5         | ---  | ---  | 24.0          | 21.0 | 22.0 | 18.5             | 17.0 | 17.5 |
| 27    | 25.5            | 22.5 | ---  | 26.0         | 22.5 | 24.0 | 22.5          | 21.5 | 22.0 | 17.0             | 16.0 | 16.5 |
| 28    | 25.5            | 23.5 | ---  | 24.5         | 22.0 | 23.5 | 23.5          | 20.5 | 21.5 | 16.0             | 15.0 | 15.5 |
| 29    | 26.5            | 24.0 | ---  | 25.0         | 22.5 | 23.5 | 24.0          | 21.0 | 22.0 | 16.5             | 14.5 | 15.0 |
| 30    | 27.5            | 25.0 | 26.0 | 26.0         | 22.0 | 23.5 | 22.0          | 20.5 | 21.0 | 15.0             | 13.5 | 14.5 |
| 31    | ---             | ---  | ---  | 26.0         | 22.0 | 23.5 | 23.5          | 20.0 | 21.5 | ---              | ---  | ---  |
| MONTH | 27.5            | ---  | ---  | ---          | ---  | ---  | 30.0          | 20.0 | 24.0 | 23.5             | 13.5 | 19.0 |