

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 mi².

PERIOD OF DAILY RECORD.--

WATER TEMPERATURES: October 1973 to current year.

INSTRUMENTATION.--Water-temperature recorder since August 1994, 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, 1992-2000) 31.5°C, July 5, 1999; minimum (water years 1974, 1977-78, 1980, 1983-2000), 0.0°C on many days during winters, except 1978, 1980, and 1985.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURES: Maximum, 26.0°C, Aug. 10, Sept. 3; minimum, 0.0°C on many days during winter.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

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

DELAWARE RIVER BASIN

01432805 DELAWARE RIVER AT POND EDDY, NY--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	.0	.0	.0	2.5	2.0	2.5	7.5	5.5	6.5	12.0	10.5	11.5
2	.0	.0	.0	3.0	2.5	2.5	8.0	7.0	7.5	13.0	11.0	12.0
3	.0	.0	.0	2.5	2.0	2.5	9.5	8.0	8.5	13.5	10.5	12.5
4	.0	.0	.0	3.0	1.5	2.5	9.5	9.0	9.0	15.0	12.0	13.5
5	.0	.0	.0	3.5	2.5	3.0	9.0	7.0	8.0	17.0	14.0	15.5
6	.0	.0	.0	4.5	3.0	3.5	7.0	5.5	6.0	18.0	15.5	17.0
7	.0	.0	.0	5.0	3.5	4.0	7.5	5.5	6.5	20.0	17.5	19.0
8	.0	.0	.0	6.5	5.0	5.5	10.5	7.0	8.5	21.5	19.5	20.5
9	.0	.0	.0	7.0	6.0	6.5	10.0	6.5	8.0	22.0	19.5	20.5
10	.0	.0	.0	7.0	6.0	6.5	6.5	5.0	5.5	21.0	18.0	19.5
11	.0	.0	.0	6.0	4.0	5.0	6.0	5.0	5.5	18.0	16.5	17.0
12	.0	.0	.0	4.0	3.0	4.0	6.0	5.0	5.5	16.5	15.5	16.0
13	.0	.0	.0	3.5	2.5	3.0	7.0	5.0	6.0	15.5	14.5	15.0
14	.0	.0	.0	4.0	2.5	3.0	8.5	6.0	7.0	16.5	15.0	15.5
15	.0	.0	.0	5.0	3.0	4.0	9.5	8.0	8.5	16.0	14.0	15.0
16	.0	.0	.0	5.5	4.5	5.0	12.0	9.5	11.0	14.5	13.0	13.5
17	.0	.0	.0	5.5	4.0	5.0	11.5	9.5	11.0	15.0	13.5	14.0
18	.0	.0	.0	4.0	2.5	3.5	9.5	7.0	8.5	16.0	14.5	15.0
19	.0	.0	.0	4.0	2.5	3.5	8.0	7.0	7.5	16.0	13.5	15.0
20	.0	.0	.0	5.0	3.5	4.0	9.5	8.0	8.5	13.5	11.5	12.5
21	.0	.0	.0	5.0	4.5	4.5	9.5	9.0	9.0	11.5	11.0	11.0
22	.0	.0	.0	6.0	4.5	5.5	9.0	8.0	8.5	11.5	11.0	11.5
23	.0	.0	.0	7.5	5.0	6.5	8.5	8.0	8.0	12.5	11.5	12.0
24	.0	.0	.0	9.0	6.5	8.0	9.5	7.5	8.5	14.5	12.5	13.5
25	.0	.0	.0	9.0	7.5	8.5	10.5	9.0	9.5	15.0	13.5	14.0
26	.0	.0	.0	10.0	8.5	9.5	10.5	9.0	9.5	14.5	13.5	14.0
27	1.0	.0	.5	9.5	8.0	8.5	9.5	8.5	9.0	14.0	12.5	13.5
28	1.0	.0	.5	8.5	7.5	8.0	10.0	9.0	9.5	14.5	13.5	14.0
29	2.5	.5	1.5	8.0	6.5	7.0	11.0	9.0	10.0	15.0	14.0	14.5
30	---	---	---	6.5	6.0	6.0	12.5	10.5	11.5	16.0	14.0	15.0
31	---	---	---	6.5	5.0	6.0	---	---	---	17.0	15.0	16.0
MONTH	2.5	.0	.0	10.0	1.5	5.0	12.5	5.0	8.0	22.0	10.5	15.0
	JUNE			JULY			AUGUST			SEPTEMBER		
1	19.0	16.0	17.5	22.5	19.5	21.0	22.0	21.0	21.5	25.0	22.5	23.5
2	20.5	17.5	19.0	23.0	21.0	22.0	23.5	21.0	22.0	25.0	23.0	24.0
3	20.5	18.0	19.5	23.0	22.0	22.5	23.5	22.0	23.0	26.0	23.5	24.5
4	20.0	18.5	19.0	23.5	21.0	22.5	24.5	22.5	23.5	25.5	23.5	24.5
5	19.0	16.0	17.5	24.0	21.5	23.0	24.0	22.0	23.0	24.0	21.0	22.0
6	16.0	13.0	14.5	23.0	21.0	22.0	22.5	21.5	22.0	22.5	19.0	20.5
7	14.5	12.5	13.5	22.5	20.5	21.5	23.5	21.0	22.0	21.5	18.5	19.5
8	15.5	14.0	14.5	22.0	19.5	20.5	24.5	21.5	23.0	21.5	18.5	19.5
9	17.5	15.5	16.5	22.5	19.5	21.0	25.5	23.0	24.5	22.5	19.5	20.5
10	19.5	17.0	18.5	24.0	21.0	22.5	26.0	24.0	24.5	22.5	20.5	21.5
11	21.0	18.5	19.5	24.0	21.5	22.5	25.0	23.5	24.0	22.5	20.5	21.5
12	20.0	18.5	19.5	24.5	21.0	22.5	24.0	18.5	21.5	21.5	20.5	21.0
13	18.5	16.5	18.0	24.5	21.5	23.0	18.5	17.5	18.0	22.5	20.5	21.0
14	16.5	15.0	15.5	24.5	22.0	23.0	19.0	18.5	19.0	21.0	19.0	20.0
15	16.5	14.5	15.5	22.5	21.0	21.5	21.0	19.0	20.0	20.0	19.0	19.5
16	19.0	16.5	17.5	22.5	20.5	21.5	22.5	20.5	21.5	19.0	17.0	18.0
17	20.5	19.0	19.5	21.5	20.0	20.5	22.0	20.5	21.5	18.0	16.0	17.0
18	20.0	17.5	19.0	22.5	19.5	21.0	21.0	19.0	20.0	18.0	16.0	17.0
19	18.0	17.0	17.5	22.0	20.0	20.5	21.0	18.0	19.5	18.5	17.0	18.0
20	19.5	16.5	18.0	22.0	19.0	20.5	22.0	18.5	20.0	21.0	18.0	19.0
21	19.5	18.5	19.0	21.5	20.0	21.0	22.0	18.0	19.5	20.5	19.0	20.0
22	21.0	19.0	20.0	22.5	20.0	21.0	23.0	18.5	20.5	20.0	18.0	19.0
23	21.0	19.5	20.0	23.0	19.5	21.0	20.5	19.5	20.0	18.0	17.5	18.0
24	21.5	19.0	20.0	21.5	20.0	20.5	23.0	19.0	20.5	18.0	16.5	17.5
25	23.0	20.0	21.5	22.0	20.0	20.5	23.0	20.0	21.5	17.0	15.5	16.0
26	23.5	22.0	23.0	20.5	19.5	20.0	24.0	21.0	22.0	15.5	14.5	15.0
27	23.0	21.5	22.0	19.5	19.0	19.0	24.5	21.0	22.5	16.5	14.0	15.0
28	22.0	20.0	21.0	22.0	19.0	20.5	24.5	22.0	23.0	16.5	15.0	16.0
29	22.0	20.0	21.0	22.0	21.0	21.5	23.5	22.0	22.5	15.5	14.0	14.5
30	22.0	19.5	20.5	22.0	21.5	21.5	24.0	21.5	22.5	16.0	14.0	15.0
31	---	---	---	22.5	21.0	21.5	24.5	22.0	23.0	---	---	---
MONTH	23.5	12.5	18.5	24.5	19.0	21.5	26.0	17.5	21.5	26.0	14.0	19.5