

**SURFACE-WATER RECORDS  
NORTH ATLANTIC SLOPE BASINS  
DELAWARE RIVER BASIN**

**01427000 WEST BRANCH DELAWARE RIVER AT HANCOCK, NY**

**LOCATION.**--Lat 41°57'08", long 75°17'31", Delaware County, Hydrologic Unit 02040101, at bridge at end of Pennsylvania State Highway 191 in Hancock, and 1.3 mi upstream from confluence with East Branch Delaware Riverr.

**DRAINAGE AREA.**--650 mi<sup>2</sup>.

**PERIOD OF DAILY RECORD.**--

WATER TEMPERATURES: October 1996 to current year.

**INSTRUMENTATION.**--Water-temperature satellite telemeter provides 15-minute-interval readings.

**REMARKS.**--Water temperature is affected by release of water from upstream reservoir.

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

WATER TEMPERATURES: Maximum, 24.5°C, Sept. 18, 1997, June 13, 2001; minimum, 0.0°C on many days during winters.

**EXTREMES FOR CURRENT YEAR.**--

WATER TEMPERATURES: Maximum, 23.5°C, June 16; minimum, 0.0°C on many days during winter.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.0	14.5	15.0	11.5	10.5	11.0	6.0	5.0	5.5	3.5	2.5	3.0
2	15.0	13.5	14.0	11.0	11.0	11.0	5.0	3.5	4.5	3.5	2.5	3.0
3	14.5	12.0	13.5	12.5	11.0	11.5	4.0	3.0	3.5	4.0	3.0	3.5
4	13.0	11.5	12.0	12.0	11.0	11.5	4.0	2.5	3.5	4.0	3.0	4.0
5	13.0	10.5	12.0	11.0	10.5	11.0	4.5	3.0	4.0	3.0	2.5	3.0
6	12.5	10.5	11.5	11.0	10.5	11.0	4.0	2.0	3.0	2.5	1.5	2.5
7	14.0	10.5	12.5	11.0	9.5	10.0	2.5	2.0	2.5	1.5	1.0	1.0
8	15.0	11.5	13.5	9.5	7.0	8.0	3.0	1.5	2.5	1.5	0.5	1.0
9	15.5	13.0	14.5	7.5	6.0	7.0	3.5	2.5	3.0	1.0	0.0	0.0
10	16.5	14.0	15.5	7.5	5.0	6.5	5.0	3.5	4.0	0.0	0.0	0.0
11	16.5	14.0	15.0	6.5	5.5	6.0	5.5	4.0	4.5	0.0	0.0	0.0
12	16.0	13.5	14.5	9.0	6.5	8.0	4.5	3.5	4.0	0.5	0.0	0.0
13	15.5	13.0	14.5	9.0	5.5	8.0	4.0	3.0	4.0	1.0	0.0	0.5
14	14.0	12.0	13.0	5.5	3.5	4.5	3.5	2.5	3.0	0.0	0.0	0.0
15	13.0	10.5	12.0	6.0	4.5	5.5	3.5	2.5	3.0	0.0	0.0	0.0
16	11.5	9.0	10.5	6.5	5.0	5.5	4.0	3.0	3.5	0.0	0.0	0.0
17	11.0	9.5	10.5	7.0	6.5	6.5	4.0	3.5	4.0	0.0	0.0	0.0
18	11.5	10.0	11.0	8.0	7.0	7.5	3.5	3.0	3.0	0.0	0.0	0.0
19	10.5	9.5	10.0	10.5	8.0	9.0	3.5	2.5	3.0	0.0	0.0	0.0
20	11.5	9.0	10.0	9.0	7.5	8.0	3.5	2.5	3.0	0.0	0.0	0.0
21	12.5	10.0	11.5	8.0	7.0	7.5	2.5	1.5	2.0	0.0	0.0	0.0
22	11.5	9.0	10.5	8.5	7.5	8.0	3.5	1.5	2.5	0.0	0.0	0.0
23	9.0	8.0	8.5	8.0	7.0	7.5	4.5	3.0	3.5	0.0	0.0	0.0
24	9.0	8.0	8.5	8.5	7.5	8.0	4.0	3.5	3.5	0.0	0.0	0.0
25	10.0	7.0	8.5	7.5	6.5	7.0	4.0	3.5	3.5	0.0	0.0	0.0
26	12.0	10.0	11.0	6.5	6.0	6.5	4.0	3.5	3.5	0.0	0.0	0.0
27	12.0	9.5	11.0	7.0	6.0	6.5	4.0	3.5	4.0	0.0	0.0	0.0
28	10.5	9.0	9.5	8.0	6.5	7.0	4.0	3.0	3.5	0.0	0.0	0.0
29	10.0	9.5	10.0	7.5	5.0	6.5	4.0	2.5	3.0	0.0	0.0	0.0
30	11.0	10.0	10.5	6.5	5.0	5.5	4.0	3.0	3.5	0.0	0.0	0.0
31	11.5	10.0	10.5	---	---	---	3.5	2.5	3.0	0.0	0.0	0.0
MONTH	16.5	7.0	11.8	12.5	3.5	7.9	6.0	1.5	3.4	4.0	0.0	0.7

