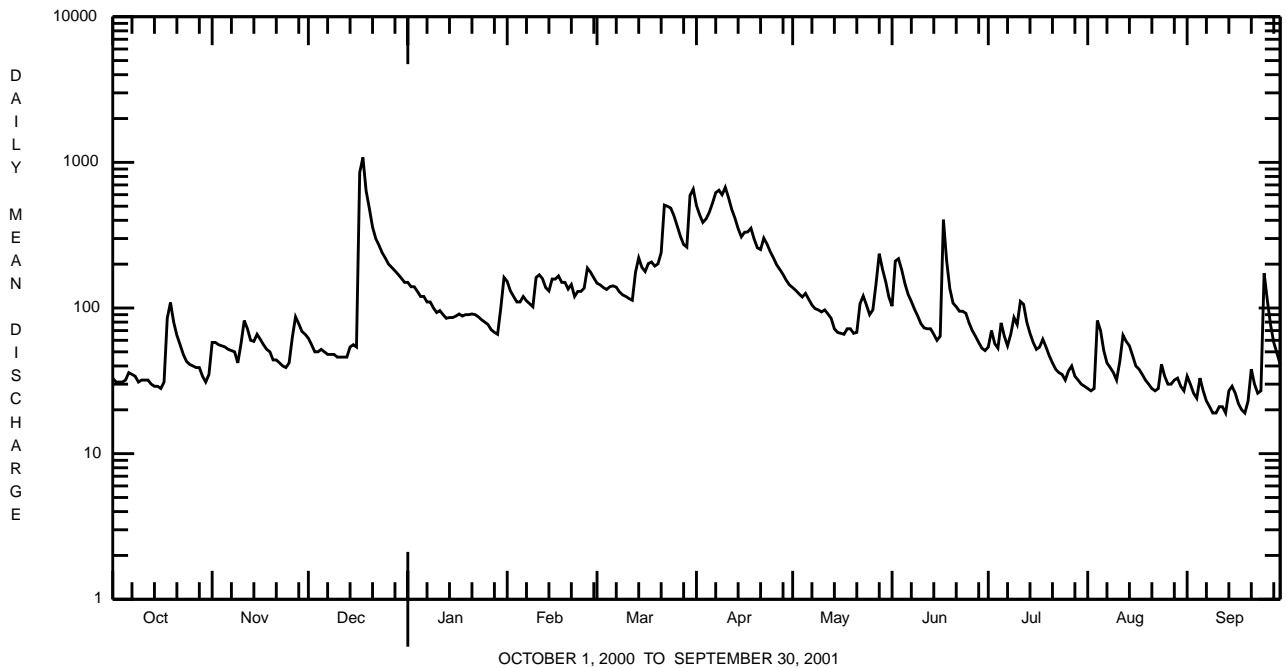


LEHIGH RIVER BASIN

01447500 LEHIGH RIVER AT STODDARTSVILLE, PA--Continued

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR			WATER YEARS 1944 - 2001	
ANNUAL TOTAL	63251			45953				
ANNUAL MEAN	173			126			188	
HIGHEST ANNUAL MEAN							268	1973
LOWEST ANNUAL MEAN							86.2	1965
HIGHEST DAILY MEAN	1080	Dec 18		1080	Dec 18		18900	Aug 19 1955
LOWEST DAILY MEAN	28	Oct 16		19	Sep 9,10,19		7.0	Sep 26 1964
ANNUAL SEVEN-DAY MINIMUM	30	Oct 11		20	Sep 7		7.4	Sep 21 1964
MAXIMUM PEAK FLOW				1610	Dec 17		a 31900	Aug 19 1955
MAXIMUM PEAK STAGE				3.98	Dec 17		b 16.37	Aug 19 1955
INSTANTANEOUS LOW FLOW							7.0	Sep 26 1964
ANNUAL RUNOFF (CFSM)	1.88			1.37			2.05	
ANNUAL RUNOFF (INCHES)	25.66			18.64			27.84	
10 PERCENT EXCEEDS	359			274			387	
50 PERCENT EXCEEDS	120			80			127	
90 PERCENT EXCEEDS	42			30			32	

a From rating curve extended above 1,700 ft³/s on basis of slope-area measurement of peak flow.
b From floodmark.



LEHIGH RIVER BASIN

01447500 LEHIGH RIVER AT STODDARTSVILLE, PA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1926 to 1982.**PERIOD OF DAILY RECORD.**--

WATER TEMPERATURE: Water years 1981 to current year.

INSTRUMENTATION.--Temperature probe interfaced with a data collection platform.**REMARKS.**--Water temperature records rated excellent. Interruptions in the record were due to malfunctions of the recording instrument.**EXTREMES FOR PERIOD OF DAILY RECORD.**--

WATER TEMPERATURE: Maximum recorded, 31.5°C, July 6, 1999; minimum, 0.0°C, many days during winters.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.0°C, Aug. 8, 9; minimum, 0.0°C, 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	14.0	7.5	10.5	8.0	4.0	6.0	2.0	.5	1.5	.0	.0	.0
2	15.5	9.5	12.0	8.0	4.0	6.0	.5	.0	.0	.0	.0	.0
3	17.0	11.0	13.5	8.5	4.5	6.5	.0	.0	.0	.0	.0	.0
4	15.5	11.0	13.5	9.0	6.0	7.5	.0	.0	.0	.0	.0	.0
5	14.0	12.5	13.0	7.5	5.0	6.5	.0	.0	.0	.0	.0	.0
6	14.5	12.5	13.5	7.0	3.5	5.0	.0	.0	.0	.5	.0	.0
7	13.0	9.5	11.5	7.0	3.0	5.0	.0	.0	.0	.5	.0	.0
8	9.5	6.5	8.0	8.0	4.5	6.0	.0	.0	.0	.5	.0	.5
9	7.5	4.5	6.0	8.5	7.0	7.5	.0	.0	.0	.5	.0	.0
10	7.5	4.5	6.0	9.5	8.5	9.0	.0	.0	.0	.0	.0	.0
11	11.0	5.0	7.5	8.5	7.0	8.0	.5	.0	.0	.0	.0	.0
12	12.0	6.0	8.5	7.5	6.0	6.5	.5	.0	.0	.0	.0	.0
13	12.5	6.0	9.0	7.0	6.0	6.5	.0	.0	.0	.0	.0	.0
14	13.0	7.5	10.5	7.0	5.0	6.5	.0	.0	.0	.0	.0	.0
15	13.5	9.0	11.0	5.0	4.0	4.5	.5	.0	.0	.5	.0	.5
16	12.0	11.5	12.0	4.5	3.0	4.0	.5	.0	.0	.5	.5	.5
17	12.0	10.5	11.0	4.5	3.0	3.5	2.5	.5	1.5	1.0	.5	.5
18	12.0	10.5	11.0	3.0	2.5	2.5	1.5	.5	1.0	.5	.0	.5
19	11.5	9.0	10.0	3.0	1.0	2.0	1.0	.0	.5	.5	.0	.5
20	11.5	7.0	9.0	1.0	.0	.5	.5	.0	.5	.5	.0	.5
21	12.5	8.0	10.0	1.0	.0	.5	.5	.0	.0	.0	.0	.0
22	12.0	8.5	10.0	.0	.0	.0	.5	.0	.0	.0	.0	.0
23	10.5	6.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	10.5	7.0	8.5	.0	.0	.0	.5	.0	.0	.0	.0	.0
25	12.0	8.5	10.5	.5	.0	.0	.0	.0	.0	.0	.0	.0
26	13.0	9.0	11.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0
27	13.0	8.5	10.5	2.0	.5	1.5	.0	.0	.0	.0	.0	.0
28	11.5	7.0	10.0	4.0	2.0	3.0	.0	.0	.0	.5	.0	.0
29	7.5	4.5	6.0	4.0	2.5	3.0	.0	.0	.0	.0	.0	.0
30	7.0	3.5	5.5	3.0	2.0	2.5	.0	.0	.0	.5	.0	.5
31	7.5	3.5	5.0	---	---	---	.0	.0	.0	.5	.5	.5
MONTH	17.0	3.5	9.7	9.5	.0	4.0	2.5	.0	.2	1.0	.0	.1

