LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA

LOCATION.--Lat 40°41'12", long 75°12'32", Northampton County, Hydrologic Unit 02040106, on left bank, near bridge on U.S. Highway 611 in Easton.

DRAINAGE AREA.--1,364 mi^2.

PERIOD OF RECORD.--October 1961 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1963 to current year.
pH: November 1972 to current year.
WATER TEMPERATURE: October 1961 to current year.
DISSOLVED OXYGEN: June 1966 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1961. Probes interfaced with a data collection platform since the 1986 water year.

REMARKS.--Specific conductance, pH, and water temperature records rated good. Dissolved oxygen record rated fair, except for periods, May 4-18, June 8-22, and Aug. 2-16, which are poor. Beginning with the 1978 water year, no data were recorded during the months of October through March. Other interruptions in the record were due to malfunctions of the pump or recording instrument.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 581 microsiemens, Aug. 19, 1963; minimum, 70 microsiemens, Nov. 14, 1970.
pH: Maximum, 8.7, July 18, 19, 1991; minimum, 6.0, Mar. 16, 1978.
WATER TEMPERATURE: Maximum, 30.5°C, July 29, 1970, July 21, 1980; minimum, 0.0°C, many days during winters.
DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Apr. 14, 1986; minimum, 0.0 mg/L, Aug. 4, 1966.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° 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	376	362	371	---	---	---	---	---	---	---	---	---
2	370	361	366	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---
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18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	376	361	368	---	---	---	---	---	---	---	---	---

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	---	---	---	---	---	---	202	182	189	267	260	263
2	---	---	---	---	---	---	196	191	193	267	260	264
3	---	---	---	---	---	---	196	183	191	274	262	268
4	---	---	---	---	---	---	196	184	192	279	264	270
5	---	---	---	---	---	---	192	173	183	289	270	279
6	---	---	---	---	---	---	181	175	178	291	276	284
7	---	---	---	---	---	---	184	169	176	280	265	271
8	---	---	---	---	---	---	174	169	171	277	258	267
9	---	---	---	---	---	---	172	165	169	294	277	284
10	---	---	---	---	---	---	174	162	167	318	291	303
11	---	---	---	---	---	---	172	165	169	316	309	312
12	---	---	---	---	---	---	180	172	178	319	311	314
13	---	---	---	---	---	---	188	174	179	318	307	312
14	---	---	---	---	---	---	205	183	191	313	294	301
15	---	---	---	---	---	---	220	205	217	308	295	299
16	---	---	---	---	---	---	220	217	218	314	306	310
17	---	---	---	---	---	---	226	214	220	323	314	318
18	---	---	---	---	---	---	221	215	219	341	323	333
19	---	---	---	---	---	---	217	208	214	349	340	345
20	---	---	---	---	---	---	216	210	213	349	339	345
21	---	---	---	---	---	---	221	214	217	349	315	336
22	---	---	---	---	---	---	222	212	218	323	268	303
23	---	---	---	---	---	---	217	206	213	280	266	274
24	---	---	---	---	---	---	224	211	219	289	271	277
25	---	---	---	---	---	---	234	216	229	306	288	295
26	---	---	---	---	---	---	243	226	235	308	284	298
27	---	---	---	---	---	---	247	232	239	284	248	265
28	---	---	---	---	---	---	258	241	251	263	248	257
29	---	---	---	209	198	204	265	247	255	259	249	254
30	---	---	---	211	192	204	262	248	255	265	247	258
31	---	---	---	192	177	183	---	---	---	268	259	263
MONTH	---	---	---	211	177	197	265	162	205	349	247	291

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	276	263	270	325	304	313	400	374	388	389	371	381
2	277	258	269	307	257	275	403	388	394	379	367	374
3	263	254	260	301	284	291	413	388	402	370	335	350
4	256	243	251	314	294	304	414	395	405	353	334	344
5	247	236	243	314	288	301	400	271	306	369	351	361
6	245	235	241	303	287	297	278	266	271	385	365	376
7	260	245	253	311	292	301	286	270	274	389	376	384
8	285	256	269	323	306	315	312	286	303	381	369	377
9	301	283	291	315	296	304	353	312	338	376	366	370
10	301	277	290	320	293	305	371	348	360	392	374	382
11	277	262	266	340	317	331	379	253	345	396	385	391
12	293	260	270	339	328	334	298	217	247	407	391	396
13	310	286	298	335	308	319	221	190	200	412	401	406
14	307	279	290	329	308	316	255	210	234	416	390	403
15	327	307	314	330	317	323	288	255	269	398	365	380
16	332	319	328	318	302	308	304	284	292	365	357	360
17	329	213	285	338	315	330	320	302	308	390	362	378
18	213	191	197	351	337	343	338	320	327	376	358	362
19	222	204	215	361	351	356	351	338	345	383	360	372
20	228	214	224	362	352	358	345	338	342	395	379	385
21	237	223	231	362	352	357	343	339	342	401	291	356
22	236	215	229	373	362	368	357	341	352	298	262	279
23	216	183	195	374	356	367	369	355	362	315	290	298
24	239	216	229	364	346	359	374	351	365	337	315	331
25	246	238	243	383	342	370	368	353	361	341	213	299
26	268	245	260	395	328	365	370	355	363	213	177	186
27	292	267	280	332	304	318	370	360	366	206	188	200
28	302	286	294	333	300	313	364	357	361	223	206	215
29	309	299	304	363	333	353	374	357	366	251	223	238
30	319	303	310	378	363	373	379	357	371	277	251	262
31	---	---	---	383	371	378	385	371	381	---	---	---
MONTH	332	183	263	395	257	330	414	190	334	416	177	340

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	7.9	7.7	7.7	---	---	---	---	---	---	---	---	---
2	7.9	7.7	7.8	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	7.9	7.7	7.8	---	---	---	---	---	---	---	---	---
MIN	7.9	7.7	7.7	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	---	---	---	---	---	---	7.6	7.4	7.6	7.7	6.5	7.6
2	---	---	---	---	---	---	7.6	7.5	7.6	7.6	6.8	7.4
3	---	---	---	---	---	---	7.6	7.4	7.5	7.7	7.3	7.6
4	---	---	---	---	---	---	7.5	7.2	7.4	7.7	6.8	7.5
5	---	---	---	---	---	---	7.4	7.1	7.3	7.7	6.8	7.5
6	---	---	---	---	---	---	7.3	7.3	7.3	7.8	7.0	7.7
7	---	---	---	---	---	---	7.4	7.3	7.4	7.9	6.8	7.7
8	---	---	---	---	---	---	7.5	7.4	7.4	7.7	6.7	7.6
9	---	---	---	---	---	---	7.5	7.1	7.4	7.5	6.9	7.4
10	---	---	---	---	---	---	7.3	7.0	7.2	7.5	6.7	7.3
11	---	---	---	---	---	---	7.2	7.1	7.2	7.4	6.6	7.2
12	---	---	---	---	---	---	7.2	7.2	7.2	7.3	6.7	7.2
13	---	---	---	---	---	---	7.2	6.8	7.2	7.5	6.8	7.4
14	---	---	---	---	---	---	7.3	7.0	7.2	7.6	7.3	7.6
15	---	---	---	---	---	---	7.3	7.1	7.2	7.7	6.7	7.6
16	---	---	---	---	---	---	7.1	7.0	7.1	7.6	6.9	7.5
17	---	---	---	---	---	---	7.4	7.1	7.3	7.5	7.3	7.4
18	---	---	---	---	---	---	7.5	7.1	7.4	7.6	7.4	7.6
19	---	---	---	---	---	---	7.4	7.2	7.3	7.6	6.8	7.4
20	---	---	---	---	---	---	7.4	7.2	7.3	7.6	7.3	7.5
21	---	---	---	---	---	---	7.4	7.0	7.3	7.7	7.5	7.6
22	---	---	---	---	---	---	7.4	6.7	7.2	7.5	7.4	7.4
23	---	---	---	---	---	---	7.6	7.0	7.3	7.4	7.3	7.4
24	---	---	---	---	---	---	7.7	7.3	7.5	7.4	6.7	7.3
25	---	---	---	---	---	---	7.8	7.7	7.7	7.5	7.2	7.5
26	---	---	---	---	---	---	7.8	7.0	7.7	7.5	7.4	7.5
27	---	---	---	---	---	---	7.7	7.2	7.6	7.4	7.3	7.4
28	---	---	---	---	---	---	7.7	7.0	7.6	7.4	6.8	7.4
29	---	---	---	7.7	7.6	7.6	7.9	7.1	7.8	7.5	7.3	7.4
30	---	---	---	7.6	7.5	7.6	8.2	7.1	7.9	7.5	7.1	7.4
31	---	---	---	7.6	7.4	7.5	---	---	---	7.6	7.0	7.5
MAX	---	---	---	7.7	7.6	7.6	8.2	7.7	7.9	7.9	7.5	7.7
MIN	---	---	---	7.6	7.4	7.5	7.1	6.7	7.1	7.3	6.5	7.2

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.6	7.4	7.5	7.5	7.3	7.4	7.7	7.3	7.6	7.4	7.1	7.2
2	7.5	7.2	7.4	7.5	7.2	7.4	7.7	7.3	7.5	7.5	7.2	7.3
3	7.5	7.2	7.4	7.6	7.4	7.6	7.8	7.6	7.6	7.6	7.3	7.3
4	7.5	7.1	7.5	7.6	7.5	7.6	7.8	7.4	7.5	7.6	7.2	7.4
5	7.4	6.9	7.4	7.6	7.4	7.5	7.5	7.1	7.4	7.6	7.2	7.4
6	7.3	7.0	7.2	7.7	7.2	7.6	7.3	7.0	7.2	7.6	7.2	7.4
7	7.3	6.7	7.2	7.7	7.4	7.6	7.3	6.9	7.2	7.6	7.2	7.3
8	7.5	6.9	7.3	7.6	7.5	7.6	7.3	7.0	7.2	7.5	7.1	7.3
9	7.7	7.0	7.5	7.6	7.0	7.5	7.3	6.9	7.3	7.5	7.0	7.2
10	7.7	7.2	7.5	7.5	7.2	7.4	7.5	7.2	7.3	7.4	7.1	7.2
11	7.6	7.2	7.4	7.6	7.0	7.5	7.4	7.2	7.4	7.4	7.1	7.3
12	7.5	7.1	7.4	7.6	7.4	7.5	7.2	7.1	7.2	7.4	7.0	7.3
13	7.5	7.0	7.3	7.6	7.3	7.5	7.1	6.8	7.0	7.4	7.1	7.2
14	7.3	7.0	7.2	7.6	7.2	7.5	7.1	6.7	7.1	7.4	7.2	7.3
15	7.5	7.2	7.4	7.6	7.2	7.5	7.2	6.8	7.1	7.3	7.1	7.2
16	7.5	7.3	7.4	7.6	7.4	7.5	7.3	7.1	7.2	7.4	7.2	7.2
17	7.5	7.0	7.4	7.7	7.5	7.6	7.3	7.2	7.3	7.5	7.2	7.4
18	7.2	6.5	7.1	7.6	7.5	7.6	7.4	7.3	7.3	7.5	7.3	7.4
19	7.2	6.6	7.0	7.6	7.4	7.5	7.4	7.3	7.4	7.5	7.2	7.4
20	7.2	6.8	7.0	7.6	7.2	7.5	7.4	7.2	7.4	7.4	7.1	7.3
21	7.2	7.1	7.2	7.6	7.2	7.5	7.5	7.3	7.3	7.3	7.0	7.2
22	7.4	7.2	7.3	7.6	7.4	7.5	7.5	7.1	7.4	7.1	7.0	7.1
23	7.4	7.1	7.2	7.6	7.3	7.6	7.5	7.3	7.4	7.1	7.0	7.0
24	7.2	6.9	7.2	7.6	7.3	7.5	7.4	7.2	7.3	7.2	7.0	7.1
25	7.3	6.8	7.2	7.7	7.4	7.5	7.4	7.1	7.3	7.2	6.9	7.0
26	7.3	6.8	7.2	7.6	7.3	7.4	7.6	7.3	7.4	6.9	6.8	6.9
27	7.2	6.8	7.1	7.4	7.2	7.4	7.6	7.3	7.5	7.0	6.9	6.9
28	7.3	7.0	7.2	7.6	7.3	7.4	7.6	7.4	7.5	7.0	6.9	7.0
29	7.4	7.2	7.3	7.8	7.5	7.5	7.5	7.1	7.4	7.0	7.0	7.0
30	7.5	7.2	7.3	7.7	7.4	7.6	7.5	7.2	7.3	7.1	7.0	7.1
31	---	---	---	7.7	7.4	7.6	7.5	7.1	7.2	---	---	---
MAX	7.7	7.4	7.5	7.8	7.5	7.6	7.8	7.6	7.6	7.6	7.3	7.4
MIN	7.2	6.5	7.0	7.4	7.0	7.4	7.1	6.7	7.0	6.9	6.8	6.9

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	15.5	14.0	15.0	---	---	---	---	---	---	---	---	---
2	16.0	14.5	15.0	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	16.0	14.0	15.0	---	---	---	---	---	---	---	---	---

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--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
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	---	---	---	---	---	---	6.5	6.5	6.5	17.0	15.0	16.0
2	---	---	---	---	---	---	7.0	6.0	6.5	18.0	16.5	17.5
3	---	---	---	---	---	---	7.5	6.5	7.0	19.5	18.0	19.0
4	---	---	---	---	---	---	8.5	7.0	7.5	20.5	19.5	20.0
5	---	---	---	---	---	---	9.0	8.0	8.5	20.5	19.5	20.0
6	---	---	---	---	---	---	9.0	8.5	8.5	19.5	18.0	19.0
7	---	---	---	---	---	---	8.5	7.5	8.0	18.0	17.0	17.5
8	---	---	---	---	---	---	8.0	7.5	8.0	17.5	16.5	17.0
9	---	---	---	---	---	---	10.5	8.0	9.0	18.0	16.5	17.0
10	---	---	---	---	---	---	12.0	10.5	11.5	19.0	17.0	18.0
11	---	---	---	---	---	---	12.0	10.5	11.0	20.0	18.0	19.0
12	---	---	---	---	---	---	10.5	9.5	10.0	20.5	19.0	20.0
13	---	---	---	---	---	---	12.0	10.0	11.0	20.0	19.0	19.5
14	---	---	---	---	---	---	13.0	11.5	12.5	19.0	17.5	18.5
15	---	---	---	---	---	---	13.5	12.5	13.0	18.5	17.0	17.5
16	---	---	---	---	---	---	13.0	12.5	12.5	18.5	16.5	17.5
17	---	---	---	---	---	---	12.5	10.0	11.5	17.5	16.5	17.0
18	---	---	---	---	---	---	10.0	9.5	10.0	16.5	15.5	16.0
19	---	---	---	---	---	---	10.5	9.0	9.5	17.5	15.5	16.5
20	---	---	---	---	---	---	10.5	9.5	10.0	18.0	16.5	17.0
21	---	---	---	---	---	---	11.5	10.0	10.5	17.0	16.0	16.5
22	---	---	---	---	---	---	14.0	11.0	12.5	16.0	15.5	15.5
23	---	---	---	---	---	---	17.0	14.0	15.0	16.0	15.5	15.5
24	---	---	---	---	---	---	18.0	16.5	17.0	18.0	16.0	17.0
25	---	---	---	---	---	---	17.5	15.0	16.0	18.0	17.5	17.5
26	---	---	---	---	---	---	15.0	13.5	14.0	17.5	16.0	17.0
27	---	---	---	---	---	---	15.0	13.5	14.0	16.0	15.5	16.0
28	---	---	---	---	---	---	15.5	14.5	15.0	17.5	16.0	16.5
29	---	---	---	6.0	5.5	6.0	15.0	14.5	15.0	18.0	17.0	17.5
30	---	---	---	6.0	5.5	5.5	15.5	14.5	15.0	18.0	17.0	17.5
31	---	---	---	6.5	5.5	6.0	---	---	---	17.5	16.5	17.0
MONTH	---	---	---	6.5	5.5	5.8	18.0	6.0	11.2	20.5	15.0	17.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	17.0	16.0	16.5	25.0	24.0	24.5	24.0	22.0	23.0	24.0	22.5	23.5
2	16.0	15.5	16.0	24.0	22.0	23.0	24.5	22.5	23.5	23.5	22.0	22.5
3	17.0	16.0	16.5	22.0	21.5	21.5	25.0	23.5	24.0	22.5	21.0	22.0
4	17.5	16.5	17.0	21.5	21.0	21.5	25.0	23.5	24.0	22.5	21.5	22.0
5	19.0	17.0	18.0	23.0	21.5	22.0	24.5	23.5	24.0	22.5	21.0	21.5
6	19.0	18.0	18.5	22.5	21.5	22.0	25.0	24.0	24.5	22.5	20.5	21.5
7	19.5	18.5	19.0	22.5	21.5	22.0	27.0	25.0	26.0	22.5	20.5	21.5
8	20.5	19.5	19.5	22.0	21.5	22.0	27.5	25.5	26.5	22.5	21.0	21.5
9	20.5	19.5	20.0	23.0	21.5	22.0	28.0	26.0	27.0	23.0	21.5	22.0
10	20.5	20.0	20.0	24.0	22.5	23.0	28.0	26.5	27.0	23.0	22.5	22.5
11	20.5	20.0	20.5	24.0	23.0	23.5	27.0	23.0	25.5	22.5	22.0	22.0
12	22.0	20.0	21.0	23.5	22.5	23.0	23.5	21.5	22.5	22.5	21.5	21.5
13	23.0	21.5	22.0	22.5	22.0	22.5	23.5	21.5	22.0	22.0	21.0	21.5
14	24.0	23.0	23.5	22.0	21.0	21.5	23.0	22.0	22.5	22.0	20.5	21.0
15	25.0	23.5	24.0	22.0	21.0	21.5	24.0	23.0	23.5	20.5	18.5	19.5
16	24.0	23.0	23.5	23.0	21.0	22.0	24.5	23.5	23.5	19.5	18.0	18.5
17	23.0	22.0	22.5	24.0	21.5	22.5	24.5	23.0	24.0	19.5	18.0	18.5
18	22.5	21.0	21.5	24.0	22.5	23.5	24.5	23.0	23.5	19.5	18.5	19.0
19	23.0	21.5	22.5	24.5	22.5	23.5	24.5	23.0	23.5	19.5	18.5	19.0
20	23.5	22.0	23.0	24.5	23.0	23.5	25.0	23.0	24.0	19.5	19.0	19.0
21	23.5	22.5	22.5	25.0	22.5	23.5	24.5	23.5	24.0	20.0	19.0	19.5
22	22.5	21.0	22.0	25.0	23.0	24.0	24.5	22.5	23.5	21.0	20.0	20.0
23	21.0	19.5	20.5	25.5	23.0	24.0	24.0	23.0	23.0	21.5	20.0	20.5
24	20.5	20.0	20.0	26.5	24.0	25.0	23.5	22.0	22.5	21.5	20.0	20.5
25	21.5	19.5	20.5	27.0	25.0	26.0	24.0	22.0	23.0	21.5	19.0	20.0
26	22.5	21.0	21.5	26.5	23.5	25.0	24.0	22.0	23.0	19.0	17.0	17.5
27	23.5	22.0	22.5	23.5	23.0	23.0	23.5	22.5	23.0	17.0	15.5	16.0
28	24.0	23.0	23.5	24.0	22.5	23.0	24.0	22.5	23.5	16.0	15.0	15.5
29	24.5	24.0	24.5	23.5	22.0	23.0	24.5	22.5	23.5	15.0	15.0	15.0
30	25.5	24.5	25.0	23.5	22.0	22.5	24.0	22.5	23.0	15.0	14.0	14.5
31	---	---	---	23.5	21.5	22.5	23.5	22.5	23.0	---	---	---
MONTH	25.5	15.5	20.9	27.0	21.0	23.0	28.0	21.5	23.8	24.0	14.0	20.0

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

OXYGEN, DISSOLVED (MG/L), 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	10.5	9.4	9.9	---	---	---	---	---	---	---	---	---
2	10.5	9.3	9.8	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	10.5	9.3	9.9	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	---	---	---	---	---	---	12.7	12.4	12.6	---	---	---
2	---	---	---	---	---	---	12.7	12.3	12.5	---	---	---
3	---	---	---	---	---	---	12.8	12.5	12.6	---	---	---
4	---	---	---	---	---	---	12.8	11.9	12.4	---	---	---
5	---	---	---	---	---	---	12.2	11.9	12.1	8.4	7.6	8.0
6	---	---	---	---	---	---	12.1	11.6	11.8	8.4	7.4	7.9
7	---	---	---	---	---	---	12.4	11.9	12.2	8.5	7.6	8.0
8	---	---	---	---	---	---	12.3	12.0	12.2	8.5	7.8	8.1
9	---	---	---	---	---	---	12.0	10.9	11.6	8.3	7.7	8.0
10	---	---	---	---	---	---	10.9	9.8	10.3	8.3	7.7	7.9
11	---	---	---	---	---	---	10.3	9.9	10.1	7.9	7.3	7.6
12	---	---	---	---	---	---	10.8	9.9	10.5	7.7	7.1	7.4
13	---	---	---	---	---	---	10.4	10.0	10.2	8.2	7.3	7.7
14	---	---	---	---	---	---	10.1	8.8	9.5	8.1	7.6	7.8
15	---	---	---	---	---	---	9.3	8.8	9.1	8.7	7.7	8.1
16	---	---	---	---	---	---	9.7	8.9	9.3	8.7	7.9	8.2
17	---	---	---	---	---	---	10.4	9.6	9.9	8.4	7.9	8.2
18	---	---	---	---	---	---	10.5	9.3	10.0	8.4	7.9	8.1
19	---	---	---	---	---	---	9.9	9.4	9.6	8.9	7.9	8.4
20	---	---	---	---	---	---	---	---	---	8.7	8.0	8.4
21	---	---	---	---	---	---	---	---	---	8.5	8.0	8.3
22	---	---	---	---	---	---	---	---	---	8.6	8.2	8.5
23	---	---	---	---	---	---	---	---	---	8.8	8.4	8.6
24	---	---	---	---	---	---	---	---	---	8.9	8.5	8.6
25	---	---	---	---	---	---	---	---	---	8.7	8.2	8.4
26	---	---	---	---	---	---	---	---	---	8.7	8.1	8.4
27	---	---	---	---	---	---	---	---	---	8.9	8.6	8.8
28	---	---	---	---	---	---	---	---	---	8.9	8.6	8.8
29	---	---	---	12.9	12.7	12.8	---	---	---	9.0	8.5	8.8
30	---	---	---	12.7	12.4	12.6	---	---	---	9.3	8.6	9.0
31	---	---	---	12.8	12.6	12.7	---	---	---	9.6	8.9	9.3
MONTH	---	---	---	12.9	12.4	12.7	12.8	8.8	11.0	9.6	7.1	8.3

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	9.7	9.1	9.3	7.2	6.6	6.9	9.0	7.2	8.0	9.0	7.2	8.1
2	9.5	9.0	9.3	7.3	6.4	6.9	9.4	7.5	8.3	8.9	7.1	8.0
3	9.5	9.3	9.4	8.0	7.1	7.6	9.5	7.3	8.2	9.9	7.9	8.6
4	9.6	9.2	9.4	8.3	7.8	8.0	8.6	7.0	7.6	9.8	7.9	8.7
5	9.4	8.9	9.2	8.1	7.6	7.8	8.2	7.1	7.6	10.0	7.8	8.8
6	9.0	8.6	8.8	8.2	7.5	7.8	8.5	7.4	7.8	9.7	7.8	8.6
7	8.9	8.4	8.7	8.5	7.7	8.0	8.4	7.3	7.8	9.3	7.6	8.3
8	8.5	8.0	8.3	8.1	7.3	7.8	8.3	6.9	7.5	9.2	7.6	8.2
9	8.8	7.8	8.2	8.1	7.4	7.7	8.5	6.7	7.5	9.1	7.4	8.2
10	8.8	7.9	8.3	7.7	7.0	7.3	7.9	6.6	7.2	9.0	7.4	8.0
11	8.9	7.8	8.4	7.8	7.2	7.4	7.7	6.6	7.0	9.1	7.4	8.0
12	9.1	7.8	8.3	7.8	7.1	7.4	8.1	7.6	7.9	9.0	7.4	8.0
13	8.2	7.1	7.8	8.1	7.2	7.7	8.6	7.9	8.3	9.0	7.3	8.1
14	8.0	6.8	7.3	8.3	7.6	7.9	8.5	8.2	8.4	8.7	7.5	8.1
15	8.4	6.9	7.5	8.4	7.8	8.1	8.3	7.7	8.1	9.1	7.6	8.2
16	7.9	7.0	7.4	8.8	7.9	8.3	8.8	7.9	8.4	9.6	8.0	8.6
17	8.0	7.2	7.6	8.9	7.9	8.3	8.6	8.0	8.3	9.6	8.3	8.9
18	7.9	7.4	7.7	8.2	7.5	7.8	8.8	7.9	8.4	9.7	8.4	8.9
19	7.7	7.1	7.5	8.4	7.2	7.7	8.9	7.8	8.4	9.9	8.5	9.0
20	8.0	7.2	7.6	8.6	7.4	7.9	9.1	7.8	8.4	---	---	---
21	7.8	7.1	7.5	8.6	7.1	7.9	9.1	7.8	8.4	---	---	---
22	8.3	7.5	8.0	8.5	7.3	7.8	9.2	7.7	8.3	---	---	---
23	7.9	7.1	7.5	8.7	7.3	7.9	8.7	7.5	8.1	---	---	---
24	7.5	6.2	6.6	8.6	7.2	7.9	8.8	7.8	8.1	---	---	---
25	7.8	6.1	7.3	8.5	6.9	7.6	9.1	7.3	8.1	---	---	---
26	7.3	6.9	7.2	7.1	6.5	6.8	9.5	7.5	8.4	---	---	---
27	7.1	6.4	6.8	7.8	6.5	7.1	9.3	7.8	8.5	---	---	---
28	6.9	6.3	6.6	8.4	6.6	7.5	9.3	7.7	8.4	---	---	---
29	7.3	6.0	6.7	8.7	7.1	7.8	9.5	7.5	8.2	---	---	---
30	7.2	6.6	6.8	8.9	7.1	7.8	9.2	7.5	8.3	---	---	---
31	---	---	---	8.9	7.3	8.0	9.6	7.4	8.1	---	---	---
MONTH	9.7	6.0	7.9	8.9	6.4	7.7	9.6	6.6	8.1	10.0	7.1	8.4