

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 mi².

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 record rated good except for period Apr. 29 to May 8, which is fair. pH rated good except for periods June 19-25 and Sept. 23-26, which are poor. Water temperature record rated fair except for periods June 19-25 and Sept. 23-26, which are poor. Dissolved oxygen record rated 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 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	171	165	168	266	252	258
2	---	---	---	---	---	---	176	169	172	269	257	261
3	---	---	---	---	---	---	177	169	173	272	260	266
4	---	---	---	---	---	---	178	172	175	276	243	266
5	---	---	---	---	---	---	187	177	182	286	261	274
6	---	---	---	---	---	---	187	181	184	296	270	283
7	---	---	---	---	---	---	217	183	193	295	251	281
8	---	---	---	---	---	---	249	200	231	290	271	283
9	---	---	---	---	---	---	239	227	233	287	278	283
10	---	---	---	---	---	---	245	228	236	287	282	284
11	---	---	---	---	---	---	231	219	224	282	263	273
12	---	---	---	---	---	---	224	201	211	270	256	265
13	---	---	---	---	---	---	209	196	203	266	253	260
14	---	---	---	---	---	---	201	194	198	273	258	265
15	---	---	---	---	---	---	212	198	205	276	271	274
16	---	---	---	---	---	---	219	211	215	278	270	273
17	---	---	---	---	---	---	222	217	220	280	270	275
18	---	---	---	---	---	---	224	216	220	288	273	282
19	---	---	---	---	---	---	222	216	219	274	266	270
20	---	---	---	---	---	---	219	194	209	291	267	278
21	---	---	---	---	---	---	218	190	197	302	286	295
22	---	---	---	---	---	---	223	202	215	302	294	299
23	---	---	---	---	---	---	208	202	205	295	288	291
24	---	---	---	---	---	---	208	196	204	291	285	288
25	---	---	---	---	---	---	249	191	198	289	272	284
26	---	---	---	---	---	---	251	246	248	272	230	250
27	---	---	---	---	---	---	248	229	241	233	212	221
28	---	---	---	161	154	157	245	231	238	228	210	220
29	---	---	---	168	161	164	267	240	258	210	197	202
30	---	---	---	171	157	165	265	253	261	210	202	206
31	---	---	---	---	---	---	---	---	---	223	210	217
MONTH	---	---	---	171	154	162	267	165	211	302	197	265

LEHIGH RIVER BASIN

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SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	223	134	185	235	200	219	316	304	309	296	269	279
2	149	131	138	247	235	244	324	314	319	275	249	265
3	149	123	131	254	245	251	323	304	312	263	218	246
4	140	125	133	256	247	251	306	271	293	218	198	207
5	148	136	140	251	242	248	271	178	214	210	200	204
6	161	148	154	247	240	244	188	165	176	231	210	222
7	179	160	165	256	243	251	182	153	166	241	230	237
8	181	164	172	258	244	253	179	165	172	258	240	250
9	187	177	184	253	242	249	196	179	188	279	257	266
10	189	161	172	262	251	256	208	192	198	296	279	287
11	170	160	163	275	260	266	208	185	197	313	296	301
12	196	163	181	281	274	278	193	169	181	317	311	314
13	193	168	182	278	270	275	171	153	161	318	302	313
14	180	167	174	279	266	274	174	159	167	314	290	302
15	182	173	177	302	276	287	205	174	189	290	192	257
16	180	173	177	319	297	307	221	205	216	195	174	182
17	175	169	172	326	319	322	222	192	210	178	157	165
18	187	173	180	338	326	332	197	184	191	184	159	167
19	186	179	182	340	333	337	212	186	199	213	182	192
20	198	186	192	337	308	316	235	212	225	216	199	208
21	---	---	---	322	296	315	248	235	242	220	213	217
22	---	---	---	306	190	220	258	244	252	215	205	211
23	---	---	---	236	199	215	265	255	261	---	---	---
24	---	---	---	245	226	236	276	261	268	---	---	---
25	---	---	---	239	223	232	277	268	272	---	---	---
26	133	129	130	259	235	250	284	271	276	---	---	---
27	137	126	130	269	256	265	300	281	289	160	141	150
28	177	137	155	275	255	264	296	290	293	175	155	163
29	197	177	186	304	275	290	303	294	298	164	158	160
30	200	196	198	309	301	306	310	303	306	175	164	168
31	---	---	---	311	302	306	309	296	302	---	---	---
MONTH	223	123	166	340	190	270	324	153	237	318	141	228

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
1	---	---	---	---	---	---	7.5	7.4	7.4	8.3	7.8	8.1
2	---	---	---	---	---	---	7.5	7.4	7.4	8.2	7.8	8.0
3	---	---	---	---	---	---	7.5	7.4	7.4	8.3	7.8	8.1
4	---	---	---	---	---	---	7.5	7.4	7.4	8.4	7.9	8.1
5	---	---	---	---	---	---	7.5	7.4	7.4	8.3	7.7	8.0
6	---	---	---	---	---	---	7.5	7.4	7.4	7.9	7.6	7.7
7	---	---	---	---	---	---	7.5	7.5	7.5	7.8	7.6	7.7
8	---	---	---	---	---	---	7.5	7.5	7.5	7.9	7.5	7.6
9	---	---	---	---	---	---	7.6	7.5	7.6	7.6	7.5	7.6
10	---	---	---	---	---	---	7.6	7.5	7.5	7.7	7.6	7.6
11	---	---	---	---	---	---	7.6	7.5	7.5	7.7	7.5	7.6
12	---	---	---	---	---	---	7.5	7.4	7.4	7.7	7.5	7.5
13	---	---	---	---	---	---	7.6	7.5	7.5	7.6	7.5	7.5
14	---	---	---	---	---	---	7.6	7.5	7.6	7.6	7.5	7.6
15	---	---	---	---	---	---	7.6	7.5	7.6	7.6	7.5	7.6
16	---	---	---	---	---	---	7.6	7.5	7.6	7.6	7.5	7.6
17	---	---	---	---	---	---	7.7	7.5	7.6	7.6	7.5	7.5
18	---	---	---	---	---	---	7.7	7.6	7.6	7.6	7.5	7.6
19	---	---	---	---	---	---	7.7	7.6	7.7	7.6	7.5	7.6
20	---	---	---	---	---	---	7.8	7.7	7.7	7.8	7.5	7.6
21	---	---	---	---	---	---	7.7	7.6	7.6	7.7	7.5	7.6
22	---	---	---	---	---	---	7.6	7.5	7.6	7.5	7.5	7.5
23	---	---	---	---	---	---	7.7	7.6	7.7	7.6	7.5	7.6
24	---	---	---	---	---	---	7.8	7.7	7.8	7.6	7.5	7.5
25	---	---	---	---	---	---	7.9	7.8	7.8	7.6	7.5	7.5
26	---	---	---	---	---	---	7.9	7.7	7.8	7.6	7.5	7.6
27	---	---	---	---	---	---	7.8	7.6	7.7	7.5	7.5	7.5
28	---	---	---	7.4	7.4	7.4	7.8	7.7	7.8	7.5	7.4	7.5
29	---	---	---	7.5	7.4	7.4	8.1	7.7	7.8	7.5	7.3	7.4
30	---	---	---	7.5	7.4	7.5	8.2	7.7	8.0	7.4	7.3	7.4
31	---	---	---	---	---	---	---	---	---	7.4	7.3	7.3
MAX	---	---	---	7.5	7.4	7.5	8.2	7.8	8.0	8.4	7.9	8.1
MIN	---	---	---	7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.3

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01454720 LEHIGH RIVER AT EASTON, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

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

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	7.0	5.5	6.5	16.5	15.0	15.5
2	---	---	---	---	---	---	8.0	5.5	6.5	17.5	16.5	17.0
3	---	---	---	---	---	---	9.5	8.0	9.0	17.5	16.5	17.0
4	---	---	---	---	---	---	9.0	8.0	9.0	17.0	16.0	16.5
5	---	---	---	---	---	---	8.0	7.5	7.5	16.5	14.5	15.5
6	---	---	---	---	---	---	8.0	7.0	7.5	14.5	13.0	13.5
7	---	---	---	---	---	---	8.0	5.5	7.0	14.5	12.5	13.5
8	---	---	---	---	---	---	5.5	5.0	5.0	15.5	14.5	15.0
9	---	---	---	---	---	---	5.5	5.0	5.5	16.0	15.5	16.0
10	---	---	---	---	---	---	7.0	5.5	6.0	16.0	15.0	15.5
11	---	---	---	---	---	---	7.0	7.0	7.0	16.0	15.5	15.5
12	---	---	---	---	---	---	9.5	7.0	8.0	16.0	15.0	16.0
13	---	---	---	---	---	---	11.0	9.5	10.0	15.0	14.0	14.5
14	---	---	---	---	---	---	11.0	10.0	10.5	14.0	13.5	13.5
15	---	---	---	---	---	---	12.5	10.5	11.5	13.5	13.0	13.5
16	---	---	---	---	---	---	14.5	12.0	13.0	13.5	13.0	13.0
17	---	---	---	---	---	---	14.5	11.5	13.0	14.0	12.5	13.0
18	---	---	---	---	---	---	11.5	9.0	10.0	14.0	13.5	13.5
19	---	---	---	---	---	---	10.5	8.5	9.5	15.0	13.5	14.0
20	---	---	---	---	---	---	12.5	10.0	11.5	16.5	14.5	15.5
21	---	---	---	---	---	---	12.5	12.0	12.5	17.0	16.0	16.5
22	---	---	---	---	---	---	13.0	12.0	12.5	16.0	15.0	15.5
23	---	---	---	---	---	---	13.0	11.0	12.0	15.0	14.0	14.0
24	---	---	---	---	---	---	11.5	10.5	11.0	14.0	13.5	13.5
25	---	---	---	---	---	---	12.5	10.5	11.5	14.0	13.5	13.5
26	---	---	---	---	---	---	12.5	12.5	12.5	14.0	13.5	14.0
27	---	---	---	---	---	---	14.0	12.5	13.0	14.5	13.5	14.0
28	---	---	---	9.5	8.5	9.0	15.5	13.5	14.5	15.0	14.0	14.5
29	---	---	---	10.0	9.0	9.5	15.5	15.0	15.0	16.0	14.5	15.0
30	---	---	---	10.0	8.0	9.5	15.5	14.5	15.0	17.5	15.5	16.5
31	---	---	---	---	---	---	---	---	---	17.0	16.5	16.5
MONTH	---	---	---	10.0	8.0	9.3	15.5	5.0	10.1	17.5	12.5	14.9

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	16.5	14.0	15.0	20.5	19.0	19.5	22.5	21.5	22.0	20.5	19.5	20.5
2	14.0	13.0	13.5	21.0	20.0	20.5	22.0	21.5	21.5	19.5	18.5	19.0
3	13.5	12.5	13.0	21.5	20.5	21.0	23.0	22.0	22.5	18.5	18.0	18.0
4	12.5	12.5	12.5	22.5	20.5	21.5	23.5	22.5	23.0	18.5	18.0	18.0
5	14.0	12.5	13.0	23.5	22.0	23.0	23.5	21.5	22.5	19.5	18.5	19.0
6	15.0	14.0	14.5	24.0	23.0	23.5	21.5	20.5	21.0	20.0	19.0	19.5
7	15.0	14.5	14.5	24.0	23.5	24.0	21.0	20.5	20.5	20.0	19.0	19.5
8	14.5	13.5	14.0	24.0	23.0	23.5	21.0	20.0	20.5	20.0	19.5	19.5
9	15.0	14.0	14.5	24.0	22.5	23.0	21.5	21.0	21.0	20.5	20.0	20.0
10	16.0	14.5	15.5	22.5	20.5	21.5	22.0	21.0	21.5	20.5	20.0	20.0
11	16.5	16.0	16.0	21.0	20.0	20.5	22.0	21.5	21.5	20.5	20.0	20.0
12	17.0	16.0	16.5	21.0	20.0	20.5	22.0	21.0	21.5	20.5	19.5	20.0
13	17.0	16.5	16.5	22.0	21.0	21.5	22.0	21.0	21.5	19.5	19.0	19.0
14	17.0	16.0	16.5	22.0	21.0	21.5	22.5	21.0	21.5	20.0	19.0	19.5
15	17.5	17.0	17.0	22.5	21.5	22.0	23.0	22.0	22.5	21.0	20.0	20.5
16	17.5	17.0	17.0	23.0	22.0	22.5	23.0	22.0	22.5	21.0	19.0	20.0
17	17.5	16.5	17.0	23.5	22.5	23.0	22.0	21.0	21.5	19.0	18.0	18.5
18	17.0	16.0	16.5	23.0	22.0	22.5	21.5	20.5	21.0	18.5	18.0	18.0
19	17.0	15.5	16.0	22.5	21.5	22.0	22.0	20.0	21.0	19.0	18.0	18.5
20	17.5	17.0	17.5	22.5	21.5	22.0	22.0	21.0	21.5	19.0	18.5	19.0
21	17.0	15.5	16.0	23.5	22.0	22.5	22.5	21.5	22.5	19.0	18.5	18.5
22	15.5	15.0	15.5	23.0	21.5	22.0	23.5	22.5	23.0	18.5	18.0	18.5
23	16.0	15.0	15.5	21.5	21.0	21.5	23.5	22.5	23.0	19.0	18.0	18.5
24	17.0	16.0	16.5	21.5	21.0	21.0	22.5	21.5	22.0	18.5	17.0	17.5
25	17.5	17.0	17.0	22.0	20.5	21.0	21.5	21.0	21.5	17.0	17.0	17.0
26	18.5	17.5	18.0	22.5	21.0	22.0	21.5	21.5	21.5	17.0	17.0	17.0
27	19.5	18.5	19.0	23.0	22.0	22.5	22.0	21.5	21.5	18.0	17.0	17.5
28	20.0	19.5	19.5	23.5	23.0	23.0	22.5	21.5	22.0	18.0	17.5	18.0
29	20.0	19.0	19.5	23.0	22.5	23.0	22.0	21.5	21.5	17.5	16.5	16.5
30	20.0	19.5	19.5	23.0	22.5	23.0	22.0	21.0	21.5	16.5	15.0	15.5
31	---	---	---	23.0	22.5	22.5	21.0	20.5	21.0	---	---	---
MONTH	20.0	12.5	16.1	24.0	19.0	22.0	23.5	20.0	21.7	21.0	15.0	18.7

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	---	---	---	12.4	11.8	12.1	11.0	9.8	10.3
2	---	---	---	---	---	---	12.5	11.8	12.3	10.5	9.5	10
3	---	---	---	---	---	---	11.8	11.4	11.5	10.5	9.3	9.9
4	---	---	---	---	---	---	11.5	11.2	11.4	10.5	9.2	9.8
5	---	---	---	---	---	---	11.9	11.5	11.7	10.5	9.1	9.9
6	---	---	---	---	---	---	12.2	11.9	12.1	10.8	10.1	10.4
7	---	---	---	---	---	---	12.6	11.9	12.1	10.6	10.0	10.4
8	---	---	---	---	---	---	13.0	12.6	12.8	10.0	9.0	9.6
9	---	---	---	---	---	---	12.9	12.6	12.7	9.9	9.0	9.4
10	---	---	---	---	---	---	12.6	12.3	12.4	10.3	9.2	9.6
11	---	---	---	---	---	---	12.3	11.8	12.0	9.9	9.2	9.6
12	---	---	---	---	---	---	11.8	11.5	11.7	9.6	9.1	9.3
13	---	---	---	---	---	---	11.5	11.0	11.2	10.0	9.2	9.7
14	---	---	---	---	---	---	11.4	10.9	11.2	10.5	9.7	10.1
15	---	---	---	---	---	---	11.2	10.6	10.9	10.9	10.2	10.5
16	---	---	---	---	---	---	10.6	10.0	10.2	10.8	10.3	10.5
17	---	---	---	---	---	---	10.7	9.8	10.2	11.1	10.1	10.6
18	---	---	---	---	---	---	11.6	10.7	11.1	11.0	10.3	10.6
19	---	---	---	---	---	---	11.9	11.3	11.6	11.0	10.2	10.6
20	---	---	---	---	---	---	11.4	10.7	11.2	10.3	9.5	10.0
21	---	---	---	---	---	---	11.1	10.5	10.7	9.5	9.1	9.3
22	---	---	---	---	---	---	11.0	10.3	10.6	9.7	9.0	9.4
23	---	---	---	---	---	---	11.2	10.2	10.7	10.4	9.7	10.1
24	---	---	---	---	---	---	11.7	10.8	11.2	10.6	10.1	10.4
25	---	---	---	---	---	---	11.6	10.7	11.2	10.6	10.1	10.4
26	---	---	---	---	---	---	10.8	10.3	10.6	10.5	10.0	10.4
27	---	---	---	---	---	---	11.3	10.3	10.7	10.7	10.4	10.6
28	---	---	---	---	---	---	10.9	9.9	10.4	10.8	10.5	10.6
29	---	---	---	---	---	---	10.4	9.7	10	10.5	10.2	10.4
30	---	---	---	---	---	---	11.0	9.6	10.3	10.3	9.9	10.1
31	---	---	---	---	---	---	---	---	---	10.0	9.7	9.8
MONTH	---	---	---	---	---	---	13.0	9.6	11.3	11.1	9.0	10.1

LEHIGH RIVER BASIN

01454720 LEHIGH RIVER AT EASTON, PA--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.1	9.5	9.8	---	---	---	8.7	8.1	8.4	9.0	8.5	8.9
2	10.7	10.0	10.4	8.8	8.4	8.7	9.1	8.2	8.6	8.9	8.5	8.8
3	11.1	10.3	10.5	8.5	7.9	8.3	9.0	8.3	8.5	9.1	8.7	8.9
4	11.1	10.7	10.9	7.9	7.2	7.6	8.4	8.1	8.3	9.1	8.8	8.9
5	---	---	---	7.7	6.4	7.2	8.6	8.1	8.3	8.9	8.8	8.8
6	---	---	---	7.7	7.0	7.4	8.5	8.2	8.4	9.1	8.7	8.9
7	---	---	---	8.3	6.9	7.5	8.4	8.1	8.3	9.2	8.7	8.9
8	---	---	---	7.8	7.0	7.4	8.4	8.2	8.3	9.3	8.6	8.9
9	---	---	---	8.0	6.6	7.4	8.3	7.5	7.9	9.3	8.7	8.9
10	---	---	---	7.6	7.4	7.5	8.3	7.9	8.1	9.3	8.6	8.9
11	9.2	8.9	9.0	8.4	7.5	7.8	8.3	8.0	8.2	9.2	8.6	8.8
12	8.9	8.2	8.6	8.2	7.7	7.9	8.6	8.1	8.3	9.2	8.4	8.8
13	8.8	8.0	8.6	8.0	6.5	7.5	8.6	8.4	8.5	8.8	8.4	8.6
14	8.4	7.6	8.0	8.3	6.4	7.4	8.8	8.3	8.6	8.7	8.3	8.5
15	8.7	7.4	8.1	8.3	6.9	7.7	8.8	8.0	8.6	8.4	7.5	8.1
16	9.0	8.5	8.8	8.6	7.1	7.9	8.8	8.4	8.7	8.0	7.4	7.7
17	9.1	8.3	9.0	8.6	7.5	8.0	9.1	8.7	8.9	8.0	7.7	7.9
18	9.3	8.5	9.0	8.7	7.7	8.1	9.3	8.8	9.1	---	---	---
19	9.5	9.2	9.4	8.7	7.8	8.2	9.5	8.9	9.3	---	---	---
20	9.4	8.9	9.1	9.0	7.7	8.3	9.5	9.1	9.3	---	---	---
21	---	---	---	9.1	7.8	8.2	9.4	8.9	9.1	---	---	---
22	---	---	---	8.3	7.4	7.8	9.3	8.6	9.0	---	---	---
23	---	---	---	8.0	7.7	7.8	9.3	8.5	9.0	---	---	---
24	---	---	---	8.1	7.5	7.9	9.8	8.9	9.3	---	---	---
25	---	---	---	8.6	7.9	8.4	10.0	9.1	9.5	---	---	---
26	---	---	---	8.7	7.6	8.1	9.9	9.2	9.5	---	---	---
27	---	---	---	8.3	7.3	7.8	9.8	9.1	9.4	8.5	8.2	8.4
28	---	---	---	8.2	7.3	7.8	10.0	8.9	9.3	8.6	8.3	8.4
29	---	---	---	8.7	7.5	8.1	9.5	8.8	9.1	9.2	8.6	8.9
30	---	---	---	8.8	7.9	8.4	9.6	8.7	9.0	9.5	9.1	9.3
31	---	---	---	8.9	8.2	8.5	9.7	8.8	9.2	---	---	---
MONTH	11.1	7.4	9.2	9.1	6.4	7.9	10.0	7.5	8.8	9.5	7.4	8.7