DELAWARE RIVER BASIN

01474703 DELAWARE RIVER AT FORT MIFFLIN AT PHILADELPHIA, PA

LOCATION.--Lat 39°52'45", long 75°12'11", Philadelphia County, Hydrologic Unit 02040202, on right bank at outer end of L-shaped pier at Fort Mifflin, 0.4 mi downstream from mouth of Schuylkill River, and at Philadelphia.

DRAINAGE AREA.--10,000 mi^2, approximately.

PERIOD OF RECORD.--Water years 1970-76, 1981 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: July 1970 to December 1971, February 1981 to current year.
WATER TEMPERATURE: June 1972 to June 1976, February 1981 to current year.

INSTRUMENTATION.--Water-quality monitor July 1970 to June 1976 and since Feb. 1981. Satellite telemetry at station.

REMARKS.--Data collection discontinued during winter months. Other interruptions in the record were due to malfunctions of the recording or monitoring instruments.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 1,340 microsiemens, Aug. 11, 1999; minimum, 90 microsiemens, Apr. 11, 17, 19, 29, 1983, Apr. 29, 1984.
WATER TEMPERATURE: Maximum, 31.0°C, Aug. 4-6, 13, 1975; minimum, 0.5°C, Feb. 5, 1981, Jan. 11, 13, 14, 1999.

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	494	437	463	456	391	412	565	474	513	664	520	570
2	514	433	459	448	391	409	553	471	498	641	517	557
3	511	437	460	443	390	405	555	468	498	920	552	628
4	501	432	461	484	389	415	607	467	516	635	481	586
5	526	440	472	471	400	424	598	482	527	570	429	516
6	579	445	483	519	397	437	662	484	551	535	456	488
7	617	453	499	503	412	443	641	502	554	520	442	469
8	633	465	514	510	421	453	641	499	546	498	422	457
9	557	470	519	522	420	454	639	513	550	507	429	458
10	541	449	493	528	435	473	608	513	546	492	414	446
11	497	411	460	547	434	478	583	506	535	645	406	496
12	478	388	440	507	434	467	626	503	539	608	412	506
13	475	405	441	509	430	463	578	509	539	626	451	497
14	469	388	432	534	441	474	623	510	546	542	452	486
15	438	378	408	552	434	483	633	508	551	---	---	---
16	428	376	399	535	437	478	584	503	535	---	---	---
17	425	374	395	538	447	477	647	504	548	---	---	---
18	425	377	396	554	460	487	617	497	546	---	---	---
19	424	370	388	558	451	490	650	518	552	---	---	---
20	405	360	382	585	461	502	607	504	537	---	---	---
21	409	371	387	556	461	495	688	513	556	---	---	---
22	405	367	386	551	453	492	648	523	571	---	---	---
23	405	367	386	544	470	500	607	480	533	---	---	---
24	417	369	388	543	457	500	655	512	549	---	---	---
25	415	367	384	588	480	511	646	511	560	---	---	---
26	416	363	389	589	498	527	631	517	563	---	---	---
27	422	377	400	564	469	516	651	506	562	---	---	---
28	429	383	402	534	475	508	642	520	565	---	---	---
29	417	386	400	539	468	502	734	520	590	---	---	---
30	431	383	402	598	472	513	764	548	615	---	---	---
31	439	386	402	---	---	---	659	519	567	---	---	---
MONTH	633	360	429	598	389	473	764	467	547	920	406	511

DELAWARE RIVER BASIN

01474703 DELAWARE RIVER AT FORT MIFFLIN AT PHILADELPHIA, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	---	---	---	---	---	---	306	216	242	293	245	264
2	---	---	---	---	---	---	296	205	235	292	239	258
3	---	---	---	---	---	---	288	212	234	292	247	260
4	---	---	---	---	---	---	276	208	231	284	247	262
5	---	---	---	---	---	---	277	211	229	291	242	263
6	---	---	---	---	---	---	269	216	232	307	246	268
7	---	---	---	---	---	---	276	211	235	307	247	271
8	---	---	---	---	---	---	274	217	238	304	245	277
9	---	---	---	---	---	---	298	222	244	337	249	282
10	---	---	---	---	---	---	309	214	249	309	255	274
11	---	---	---	---	---	---	334	233	273	306	259	274
12	---	---	---	---	---	---	339	226	277	311	254	276
13	---	---	---	---	---	---	313	215	256	324	265	282
14	---	---	---	---	---	---	285	202	240	328	256	278
15	---	---	---	---	---	---	254	212	231	315	263	281
16	---	---	---	---	---	---	268	203	233	315	260	282
17	---	---	---	---	---	---	314	217	251	310	259	278
18	---	---	---	---	---	---	317	221	258	313	262	280
19	---	---	---	---	---	---	315	226	253	320	265	283
20	---	---	---	---	---	---	312	222	257	321	269	284
21	---	---	---	---	---	---	318	225	254	320	269	287
22	---	---	---	---	---	---	295	235	255	322	271	290
23	---	---	---	---	---	---	293	236	255	316	273	284
24	---	---	---	---	---	---	342	237	276	366	274	299
25	---	---	---	---	---	---	341	245	277	365	278	303
26	---	---	---	---	---	---	324	238	267	318	264	284
27	---	---	---	---	---	---	325	244	269	314	266	278
28	---	---	---	---	---	---	312	246	267	297	249	271
29	---	---	---	---	---	---	310	239	265	309	251	271
30	---	---	---	298	212	246	309	236	265	316	249	273
31	---	---	---	296	212	243	---	---	---	316	250	269
MONTH	---	---	---	298	212	244	342	202	252	366	239	277

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	302	246	267	354	310	337	797	550	625	704	455	546
2	301	255	271	369	317	341	764	553	625	865	466	558
3	318	265	282	367	332	343	827	544	638	842	473	560
4	311	266	279	375	329	346	929	570	659	899	480	571
5	313	264	277	380	342	356	888	575	684	1080	469	594
6	295	265	276	394	342	367	799	596	681	878	495	590
7	312	266	280	411	355	376	947	610	714	989	464	574
8	303	267	284	424	360	382	937	614	728	721	443	555
9	312	274	289	446	369	391	---	---	---	724	442	546
10	321	273	290	444	370	393	1040	629	776	701	479	551
11	307	275	286	456	378	399	1340	659	847	653	487	545
12	316	277	288	476	377	412	1240	659	852	644	474	534
13	311	271	285	502	378	421	1200	701	867	638	462	529
14	311	277	286	551	398	444	1100	645	793	657	470	540
15	318	283	296	535	408	452	888	620	715	649	466	539
16	333	288	296	553	426	470	814	585	666	620	145	446
17	314	287	296	562	430	469	797	568	634	197	135	160
18	313	288	295	549	432	469	748	556	621	232	143	192
19	330	289	303	549	437	478	730	546	613	249	160	206
20	328	293	304	547	451	488	761	560	634	255	177	207
21	339	300	312	572	461	499	822	551	627	279	190	229
22	361	299	316	608	468	512	788	551	627	294	202	246
23	336	294	310	594	483	518	811	554	624	307	201	251
24	338	289	307	589	486	516	841	551	626	276	203	232
25	321	293	304	611	485	520	863	553	642	272	205	228
26	322	291	308	607	477	530	877	547	625	269	209	225
27	343	298	312	---	---	---	710	416	516	269	210	230
28	332	302	317	---	---	---	597	425	486	279	213	232
29	345	308	325	764	503	576	597	422	477	294	219	238
30	386	321	334	762	513	587	579	421	480	339	220	260
31	---	---	---	810	528	614	644	431	527	---	---	---
MONTH	386	246	296	810	310	448	1340	416	654	1080	135	397

DELAWARE RIVER BASIN

01474703 DELAWARE RIVER AT FORT MIFFLIN AT PHILADELPHIA, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			**NOVEMBER**			**DECEMBER**			**JANUARY**	
1	23.0	22.5	23.0	15.0	14.5	15.0	10.5	10.0	10.5	5.5	4.5	5.0
2	22.5	22.0	22.0	15.0	14.5	14.5	10.5	10.0	10.0	5.0	4.0	4.5
3	22.0	21.5	21.5	14.5	14.0	14.0	10.5	10.0	10.0	5.0	3.5	4.5
4	21.5	20.5	21.0	14.0	13.5	13.5	10.5	10.0	10.5	4.5	2.0	3.0
5	21.0	20.5	20.5	13.5	13.0	13.5	11.0	10.5	10.5	3.5	2.0	3.0
6	20.5	20.5	20.5	13.5	12.5	13.0	11.0	10.5	10.5	3.5	2.5	3.0
7	20.5	20.0	20.0	13.0	12.5	12.5	11.0	10.5	11.0	3.0	2.0	2.5
8	20.5	20.0	20.0	12.5	12.0	12.5	11.0	10.5	11.0	3.0	2.0	2.5
9	20.5	19.5	20.0	12.5	12.0	12.0	11.0	10.5	11.0	3.0	2.0	2.5
10	20.0	18.5	19.5	12.5	12.0	12.0	10.5	10.5	10.5	2.5	1.0	2.0
11	19.5	18.5	19.0	12.5	12.0	12.5	10.5	10.0	10.5	2.0	.5	1.0
12	19.0	18.5	19.0	12.0	12.0	12.0	10.0	10.0	10.0	2.0	1.0	1.5
13	19.0	18.5	19.0	12.0	11.5	12.0	10.0	10.0	10.0	2.0	.5	1.5
14	19.0	18.5	19.0	12.0	11.5	12.0	10.0	9.5	9.5	2.0	.5	1.5
15	18.5	18.0	18.5	12.0	11.5	11.5	9.5	9.0	9.5	---	---	---
16	18.5	18.0	18.0	12.0	11.0	11.5	9.5	9.0	9.0	---	---	---
17	18.5	17.5	18.0	12.0	11.5	11.5	9.0	9.0	9.0	---	---	---
18	18.5	17.5	18.0	11.5	11.0	11.5	9.0	8.5	9.0	---	---	---
19	18.5	17.5	18.0	11.5	11.0	11.5	8.5	8.5	8.5	---	---	---
20	18.5	17.5	18.0	11.5	11.0	11.5	9.0	8.5	8.5	---	---	---
21	18.0	17.0	17.5	11.5	11.0	11.0	9.0	8.5	8.5	---	---	---
22	17.5	16.5	17.0	11.0	10.5	11.0	9.0	8.5	8.5	---	---	---
23	17.0	16.0	16.5	11.0	10.5	11.0	8.5	7.5	8.0	---	---	---
24	16.5	16.0	16.5	11.0	10.5	10.5	8.0	7.5	7.5	---	---	---
25	16.5	16.0	16.0	11.0	10.5	10.5	7.5	7.0	7.5	---	---	---
26	16.5	16.0	16.0	10.5	10.5	10.5	7.0	6.5	7.0	---	---	---
27	16.5	16.0	16.0	10.5	10.0	10.5	7.0	6.5	6.5	---	---	---
28	16.0	16.0	16.0	10.5	10.0	10.0	7.0	6.5	6.5	---	---	---
29	16.0	15.5	16.0	10.5	10.0	10.5	6.5	6.5	6.5	---	---	---
30	15.5	15.0	15.5	10.5	10.0	10.5	6.5	6.0	6.0	---	---	---
31	15.0	15.0	15.0	---	---	---	6.0	5.5	5.5	---	---	---
MONTH	23.0	15.0	18.4	15.0	10.0	11.9	11.0	5.5	8.9	5.5	.5	2.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			**MARCH**			**APRIL**			**MAY**	
1	---	---	---	---	---	---	10.0	8.5	9.0	15.0	13.5	14.0
2	---	---	---	---	---	---	11.0	8.5	9.5	15.0	13.5	14.0
3	---	---	---	---	---	---	11.0	9.5	10.0	15.0	14.0	14.0
4	---	---	---	---	---	---	11.5	9.5	10.5	15.0	14.0	14.5
5	---	---	---	---	---	---	12.0	10.0	11.0	15.5	14.0	15.0
6	---	---	---	---	---	---	12.5	10.5	11.0	16.0	14.5	15.0
7	---	---	---	---	---	---	12.5	11.0	11.5	16.0	15.0	15.0
8	---	---	---	---	---	---	13.5	11.5	12.0	16.5	15.0	15.5
9	---	---	---	---	---	---	13.5	12.0	12.5	16.5	15.5	16.0
10	---	---	---	---	---	---	14.5	12.0	13.0	17.0	15.5	16.0
11	---	---	---	---	---	---	14.0	12.5	13.0	17.5	16.0	16.5
12	---	---	---	---	---	---	13.5	12.5	13.0	18.0	16.5	17.0
13	---	---	---	---	---	---	12.5	11.5	12.0	17.5	17.0	17.0
14	---	---	---	---	---	---	12.5	11.5	12.0	18.0	17.0	17.0
15	---	---	---	---	---	---	12.5	11.5	12.0	18.0	17.0	17.5
16	---	---	---	---	---	---	12.5	12.0	12.0	18.0	17.0	17.5
17	---	---	---	---	---	---	12.5	12.0	12.0	18.0	17.0	17.5
18	---	---	---	---	---	---	12.5	12.0	12.5	18.5	17.5	18.0
19	---	---	---	---	---	---	12.5	12.0	12.5	18.5	17.5	18.0
20	---	---	---	---	---	---	12.5	12.0	12.5	19.0	17.5	18.0
21	---	---	---	---	---	---	12.5	12.0	12.0	19.0	18.0	18.5
22	---	---	---	---	---	---	13.0	12.0	12.5	19.5	18.0	18.5
23	---	---	---	---	---	---	12.5	12.0	12.5	19.5	18.5	19.0
24	---	---	---	---	---	---	13.0	12.0	12.5	20.0	19.0	19.0
25	---	---	---	---	---	---	13.0	12.0	12.5	20.0	18.5	19.0
26	---	---	---	---	---	---	13.0	12.0	12.5	19.5	19.0	19.0
27	---	---	---	---	---	---	13.5	12.5	13.0	19.5	19.0	19.0
28	---	---	---	---	---	---	14.0	13.0	13.5	20.0	19.0	19.0
29	---	---	---	---	---	---	14.5	13.0	13.5	20.0	19.0	19.5
30	---	---	---	9.0	8.0	8.5	14.5	13.5	14.0	20.5	19.5	20.0
31	---	---	---	9.5	8.0	8.5	---	---	---	21.0	20.0	20.5
MONTH	---	---	---	9.5	8.0	8.5	14.5	8.5	12.1	21.0	13.5	17.2

DELAWARE RIVER BASIN

01474703 DELAWARE RIVER AT FORT MIFFLIN AT PHILADELPHIA, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			**JULY**			**AUGUST**			**SEPTEMBER**	
1	21.5	20.5	21.0	25.5	25.0	25.0	29.0	28.5	28.5	24.0	24.0	24.0
2	22.0	21.0	21.5	25.5	25.0	25.5	28.5	28.0	28.5	24.0	23.5	24.0
3	22.5	21.5	22.0	26.5	25.5	25.5	28.5	28.0	28.5	24.5	23.5	24.0
4	22.5	21.5	22.0	26.5	25.5	26.0	28.5	28.0	28.5	24.0	24.0	24.0
5	22.5	21.5	22.0	27.0	26.0	26.5	28.5	28.0	28.5	24.5	24.0	24.0
6	23.0	22.0	22.5	27.5	27.0	27.0	28.5	28.0	28.0	24.5	24.0	24.0
7	23.5	22.5	22.5	28.0	27.5	27.5	28.5	27.5	28.0	24.5	24.0	24.5
8	24.0	23.0	23.5	28.0	27.5	27.5	28.0	27.5	28.0	25.0	24.5	24.5
9	24.5	23.5	23.5	28.0	27.5	27.5	27.5	27.0	27.5	25.0	24.5	25.0
10	24.0	23.5	23.5	27.5	27.0	27.5	27.5	27.0	27.0	25.5	24.5	25.0
11	24.5	23.5	23.5	27.5	27.0	27.0	27.5	26.5	27.0	25.0	24.5	24.5
12	24.0	23.0	23.5	27.0	26.5	26.5	27.5	27.0	27.0	25.0	24.5	24.5
13	24.0	23.0	23.5	26.5	26.0	26.5	27.5	27.0	27.5	25.0	24.5	24.5
14	24.0	23.0	23.5	26.5	26.0	26.0	28.0	27.0	27.5	25.0	24.5	24.5
15	24.0	23.5	23.5	26.5	26.0	26.0	28.0	27.0	27.5	24.5	24.5	24.5
16	24.0	23.5	23.5	27.0	26.0	26.5	28.0	27.0	27.5	24.5	18.5	23.0
17	24.0	23.0	23.5	27.5	26.0	26.5	27.5	27.0	27.5	21.0	18.0	19.0
18	23.5	23.0	23.0	27.0	26.5	27.0	28.0	27.5	27.5	19.0	17.5	18.5
19	24.0	23.0	23.5	27.5	27.0	27.0	28.0	27.0	27.5	19.0	18.5	19.0
20	23.5	23.0	23.0	27.5	27.0	27.5	27.5	26.5	27.0	19.5	18.5	19.0
21	23.0	22.5	23.0	27.5	27.0	27.5	26.5	26.0	26.5	19.0	19.0	19.0
22	24.0	22.5	23.0	27.5	27.0	27.5	26.0	26.0	26.0	19.0	18.5	19.0
23	24.0	23.0	23.5	28.0	27.0	27.5	26.5	25.5	26.0	19.0	18.0	18.5
24	24.0	23.5	23.5	28.0	27.5	27.5	26.0	25.5	26.0	19.0	18.0	18.5
25	24.0	23.5	24.0	28.5	27.5	28.0	26.0	25.5	25.5	19.0	18.0	18.5
26	24.5	23.5	24.0	28.5	27.5	28.0	26.0	25.5	26.0	19.0	18.0	18.5
27	25.0	24.0	24.5	28.5	27.5	28.0	26.0	25.5	26.0	19.0	18.5	18.5
28	25.0	24.5	25.0	28.5	28.0	28.0	26.0	25.0	25.5	19.5	18.5	19.0
29	25.5	25.0	25.0	28.5	28.0	28.0	26.0	25.5	25.5	20.0	19.0	19.5
30	25.5	25.0	25.0	28.5	28.0	28.0	25.5	24.5	25.0	20.0	19.5	19.5
31	---	---	---	29.0	28.0	28.5	24.5	24.0	24.5	---	---	---
MONTH	25.5	20.5	23.3	29.0	25.0	27.0	29.0	24.0	27.0	25.5	17.5	21.8

DELAWARE RIVER BASIN

01474703 DELAWARE RIVER AT FORT MIFFLIN AT PHILADELPHIA, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SAMPLE LOCATION, CROSS SECTION (FT FM R BK) (72103)	SPECIFIC CONDUCTANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY							
12...	1333	0	5300	--	--	--	--
12...	1334	0	5250	257	7.9	18.1	11.3
12...	1335	4	5250	257	8.0	18.0	11.2
12...	1336	0	5020	259	7.7	17.7	10.9
12...	1337	4	5020	259	7.8	17.6	10.8
12...	1338	0	4790	258	7.7	17.6	10.6
12...	1339	4	4790	258	7.7	17.5	10.6
12...	1340	0	4560	257	7.5	17.4	10.3
12...	1341	5	4560	257	7.5	17.3	10.2
12...	1342	0	4330	257	7.5	17.4	9.9
12...	1343	5	4330	257	7.5	17.3	9.8
12...	1344	0	4100	256	7.4	17.2	9.8
12...	1345	5	4100	256	7.4	17.1	9.8
12...	1346	0	3870	256	7.3	17.1	9.7
12...	1347	5	3870	255	7.3	17.1	9.5
12...	1348	10	3870	256	7.3	17.0	9.4
12...	1349	15	3870	256	7.3	17.0	9.3
12...	1350	0	3640	254	7.3	17.1	9.5
12...	1351	5	3640	254	7.3	17.0	9.3
12...	1352	10	3640	254	7.3	17.0	9.3
12...	1353	15	3640	254	7.3	17.0	9.2
12...	1354	0	3380	254	7.3	17.1	9.3
12...	1355	5	3380	255	7.3	17.0	9.2
12...	1356	9	3380	255	7.3	17.0	9.4
12...	1357	0	3150	255	7.3	17.1	9.4
12...	1358	5	3150	255	7.3	17.1	9.3
12...	1359	0	2920	255	7.3	17.1	9.3
12...	1400	5	2920	255	7.3	17.1	9.4
12...	1401	10	2920	255	7.3	17.0	9.3
12...	1402	0	2690	256	7.3	17.1	9.4
12...	1403	5	2690	256	7.3	17.1	9.4
12...	1404	10	2690	256	7.3	17.1	9.3
12...	1405	0	2460	255	7.3	17.2	9.2
12...	1406	5	2460	256	7.3	17.1	9.2
12...	1407	10	2460	256	7.3	17.1	9.3
12...	1408	15	2460	255	7.3	17.0	9.1
12...	1409	20	2460	256	7.3	17.0	9.1
12...	1410	0	2230	254	7.3	17.0	9.0
12...	1411	5	2230	254	7.3	16.9	9.0
12...	1412	10	2230	255	7.3	17.0	8.7
12...	1413	15	2230	254	7.3	17.0	8.4
12...	1414	20	2230	255	7.3	17.0	8.3
12...	1415	0	2000	254	7.3	16.9	8.9
12...	1416	5	2000	254	7.2	16.9	8.9
12...	1417	10	2000	254	7.2	16.9	8.8
12...	1418	15	2000	254	7.2	16.9	8.8
12...	1419	20	2000	254	7.2	16.9	8.7
12...	1420	25	2000	254	7.2	16.9	8.7
12...	1421	30	2000	254	7.2	16.9	8.7
12...	1422	35	2000	254	7.2	16.9	8.6
12...	1423	0	1800	254	7.3	16.9	9.1
12...	1424	5	1800	254	7.3	16.9	9.0
12...	1425	10	1800	254	7.2	16.9	8.9
12...	1426	15	1800	254	7.2	16.9	8.8
12...	1427	20	1800	254	7.2	16.8	8.7
12...	1428	25	1800	254	7.2	16.8	8.7
12...	1429	30	1800	254	7.2	16.8	8.6
12...	1430	35	1800	255	7.2	16.8	8.6
12...	1431	40	1800	255	7.2	16.8	8.6
12...	1432	45	1800	255	7.2	16.8	8.6
12...	1433	0	1610	254	7.2	16.8	9.0
12...	1434	5	1610	254	7.2	16.8	8.9
12...	1435	10	1610	254	7.2	16.8	8.8
12...	1436	15	1610	255	7.2	16.8	8.8
12...	1437	20	1610	255	7.2	16.8	8.7
12...	1438	25	1610	255	7.2	16.8	8.7
12...	1439	30	1610	254	7.2	16.8	8.6
12...	1440	35	1610	255	7.2	16.8	8.6
12...	1441	40	1610	255	7.2	16.8	8.6
12...	1442	45	1610	255	7.2	16.8	8.6

DELAWARE RIVER BASIN

01474703 DELAWARE RIVER AT FORT MIFFLIN AT PHILADELPHIA, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	SAMPLING DEPTH (FEET) (00003)	SAMPLE LOCATION, CROSS SECTION (FT FM R BK) (72103)	SPECIFIC CONDUCTANCE (µS/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
MAY							
12...	1443	0	1410	255	7.3	17.0	8.9
12...	1444	5	1410	255	7.3	16.9	8.9
12...	1445	10	1410	255	7.3	16.9	8.9
12...	1446	15	1410	255	7.2	16.9	8.8
12...	1447	20	1410	255	7.2	16.9	8.8
12...	1448	25	1410	255	7.2	16.9	8.7
12...	1449	30	1410	255	7.2	16.9	8.7
12...	1450	35	1410	256	7.2	16.9	8.6
12...	1451	40	1410	256	7.2	16.9	8.6
12...	1452	45	1410	256	7.2	16.9	8.6
12...	1453	49	1410	256	7.2	16.9	8.7
12...	1454	0	1210	255	7.3	16.9	9.1
12...	1455	5	1210	255	7.2	16.9	8.9
12...	1456	10	1210	255	7.2	16.9	8.8
12...	1457	15	1210	255	7.2	16.9	8.8
12...	1458	20	1210	255	7.2	16.9	8.7
12...	1459	25	1210	255	7.2	16.9	8.7
12...	1500	30	1210	256	7.2	16.9	8.6
12...	1501	35	1210	256	7.2	16.9	8.6
12...	1502	40	1210	256	7.2	16.9	8.5
12...	1503	45	1210	256	7.2	16.9	8.5
12...	1504	50	1210	256	7.2	16.9	8.5
12...	1505	0	1020	255	7.3	17.0	9.1
12...	1506	5	1020	255	7.3	17.0	8.8
12...	1507	10	1020	255	7.2	16.9	8.8
12...	1508	15	1020	255	7.2	17.0	8.8
12...	1509	20	1020	255	7.2	17.0	8.7
12...	1510	25	1020	256	7.2	17.0	8.7
12...	1511	30	1020	256	7.2	17.0	8.6
12...	1512	35	1020	256	7.2	17.0	8.5
12...	1513	40	1020	256	7.2	17.0	8.5
12...	1514	45	1020	256	7.2	17.0	8.5
12...	1515	50	1020	256	7.2	17.0	8.6
12...	1516	0	820	256	7.2	17.0	8.9
12...	1517	5	820	256	7.2	17.0	8.8
12...	1518	10	820	255	7.2	17.0	8.7
12...	1519	15	820	256	7.2	17.0	8.7
12...	1520	20	820	256	7.2	17.0	8.6
12...	1521	25	820	256	7.2	17.0	8.6
12...	1522	30	820	256	7.2	17.0	8.6
12...	1523	35	820	256	7.2	17.0	8.6
12...	1524	40	820	257	7.2	16.9	8.5
12...	1525	45	820	258	7.2	16.9	8.4
12...	1526	50	820	258	7.2	16.9	8.4
12...	1527	0	620	256	7.3	17.1	8.9
12...	1528	5	620	256	7.2	17.0	8.8
12...	1529	10	620	257	7.2	17.0	8.7
12...	1530	15	620	256	7.2	17.0	8.7
12...	1531	20	620	257	7.2	17.0	8.6
12...	1532	25	620	257	7.2	17.0	8.6
12...	1533	30	620	258	7.2	17.0	8.5
12...	1534	35	620	258	7.2	17.0	8.5
12...	1535	40	620	258	7.2	17.0	8.6
12...	1536	45	620	258	7.2	17.0	8.6
12...	1537	0	430	256	7.2	17.0	8.8
12...	1538	5	430	256	7.2	17.0	8.7
12...	1539	10	430	256	7.2	17.0	8.7
12...	1540	15	430	257	7.2	17.0	8.7
12...	1541	20	430	257	7.2	17.0	8.6
12...	1542	25	430	257	7.2	17.0	8.5
12...	1543	30	430	257	7.2	17.0	8.4
12...	1544	35	430	257	7.2	17.0	8.4
12...	1545	40	430	257	7.2	17.0	8.5
12...	1546	0	230	259	7.2	17.1	8.8
12...	1547	5	230	259	7.3	17.2	8.8
12...	1548	10	230	259	7.2	17.1	8.7
12...	1549	15	230	258	7.2	17.1	8.7
12...	1550	20	230	257	7.2	17.0	8.6
12...	1551	25	230	257	7.2	17.0	8.5
12...	1552	30	230	257	7.2	17.0	8.4
12...	1553	35	230	257	7.2	17.0	8.5
12...	1554	0	30	282	7.3	17.4	8.8
12...	1555	5	30	289	7.3	17.6	8.4
12...	1556	10	30	286	7.3	17.5	8.2
12...	1557	15	30	282	7.3	17.4	8.1
12...	1558	20	30	288	7.3	17.5	8.1
12...	1559	25	30	289	7.3	17.5	8.1
12...	1600	30	30	287	7.3	17.4	8.1