

**CONESTOGA RIVER BASIN**

**01576529 UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR LAMPETER, PA**

**LOCATION.**--Lat 39°59'57", long 76°15'52", Lancaster County, Hydrologic Unit 02050306, on left bank 70 ft upstream from bridge on Morningside Drive near the intersection with Long Rifle Road and Gypsy Hill Road, and 1.0 mi northwest of Lampeter.

**DRAINAGE AREA.**--1.42 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--October 1993 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 290.25 ft above sea level.

**REMARKS.**--No estimated daily discharges. Records fair. Satellite telemetry at station.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than a base discharge of 140 ft<sup>3</sup>/s and maximum (\*):

Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)	Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)
Sept. 15	0015	*159	*4.76	No other peak greater than base discharge.			

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.91	.61	.62	.84	.67	1.8	1.9	1.3	1.2	.99	.55	4.3
2	.76	1.3	.61	.84	.64	1.7	1.9	1.4	1.2	.93	.54	.64
3	.70	.79	.61	.82	.61	1.5	1.8	1.3	1.1	1.8	.54	.71
4	1.2	.62	.60	.94	.61	1.4	2.0	1.3	1.0	1.2	.52	.60
5	2.7	.59	.58	.90	.61	1.4	1.7	1.2	1.0	.92	.52	.51
6	.98	.58	2.1	.77	.61	1.3	1.6	1.3	1.8	.84	.50	.47
7	.83	.57	.85	.76	.61	1.2	1.6	1.2	1.2	.85	.54	.44
8	.77	.55	.73	.76	.61	1.2	2.1	1.2	1.0	.78	.50	.44
9	.76	.55	.72	.80	.61	1.2	3.4	1.2	.94	.76	.58	.44
10	4.5	.54	1.2	1.6	.63	1.2	1.9	3.2	.87	.81	.51	.44
11	1.4	.52	.85	1.1	.92	1.9	1.8	1.7	.84	.74	.47	.44
12	1.0	.50	.77	.90	1.1	1.9	1.8	1.4	.84	.68	.47	.44
13	.98	.50	.87	.87	.83	1.3	1.6	2.1	.89	.68	.47	5.2
14	.91	.51	8.1	.75	2.0	1.2	1.5	1.5	.89	.68	.47	1.8
15	.84	.50	2.6	.76	1.8	1.2	1.5	1.1	.89	2.4	.49	12
16	.80	.49	1.6	.76	2.2	1.2	2.2	1.0	.98	.84	.55	1.2
17	.80	.47	1.3	.71	1.8	2.0	3.8	.98	1.1	.74	.47	.87
18	.80	.47	1.2	.68	1.5	1.3	3.1	.97	1.4	.70	.44	.78
19	.69	.47	1.1	.71	6.4	1.2	2.2	2.5	1.6	.76	.44	1.3
20	.90	.47	1.6	.71	3.5	1.2	1.9	2.5	.94	.74	.44	1.1
21	.76	.50	1.4	.67	2.4	21	2.2	1.6	1.1	.67	.41	.81
22	.72	.48	1.2	.62	2.6	17	1.9	3.2	2.5	.63	.38	.74
23	.74	.47	1.1	.62	2.5	4.3	1.8	2.0	.96	.61	.40	.72
24	.69	.47	1.0	.61	2.2	3.3	1.7	3.2	.84	.61	.50	.71
25	.64	.47	.98	.58	2.0	2.9	1.6	1.7	.99	.61	.43	2.3
26	.64	2.0	.98	.64	1.8	2.6	1.5	1.5	3.2	1.2	.39	7.3
27	.62	3.4	.98	.58	1.7	2.9	1.5	1.5	1.1	.75	.63	1.8
28	.60	.86	.93	.55	6.0	4.6	1.5	1.4	1.1	.66	1.4	1.3
29	.58	.73	.90	.55	2.1	2.5	1.4	1.4	1.8	.61	.49	1.1
30	.58	.66	.86	.63	---	2.3	1.4	1.2	1.3	.60	.46	1.1
31	.61	---	.84	.69	---	2.0	---	1.2	---	.57	.51	---
TOTAL	30.41	21.64	39.78	23.72	51.56	93.7	57.8	50.25	36.57	26.36	16.01	52.00
MEAN	.98	.72	1.28	.77	1.78	3.02	1.93	1.62	1.22	.85	.52	1.73
MAX	4.5	3.4	8.1	1.6	6.4	21	3.8	3.2	3.2	2.4	1.4	12
MIN	.58	.47	.58	.55	.61	1.2	1.4	.97	.84	.57	.38	.44
CFSM	.69	.51	.90	.54	1.25	2.13	1.36	1.14	.86	.60	.36	1.22
IN.	.80	.57	1.04	.62	1.35	2.45	1.51	1.32	.96	.69	.42	1.36

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2000, BY WATER YEAR (WY)**

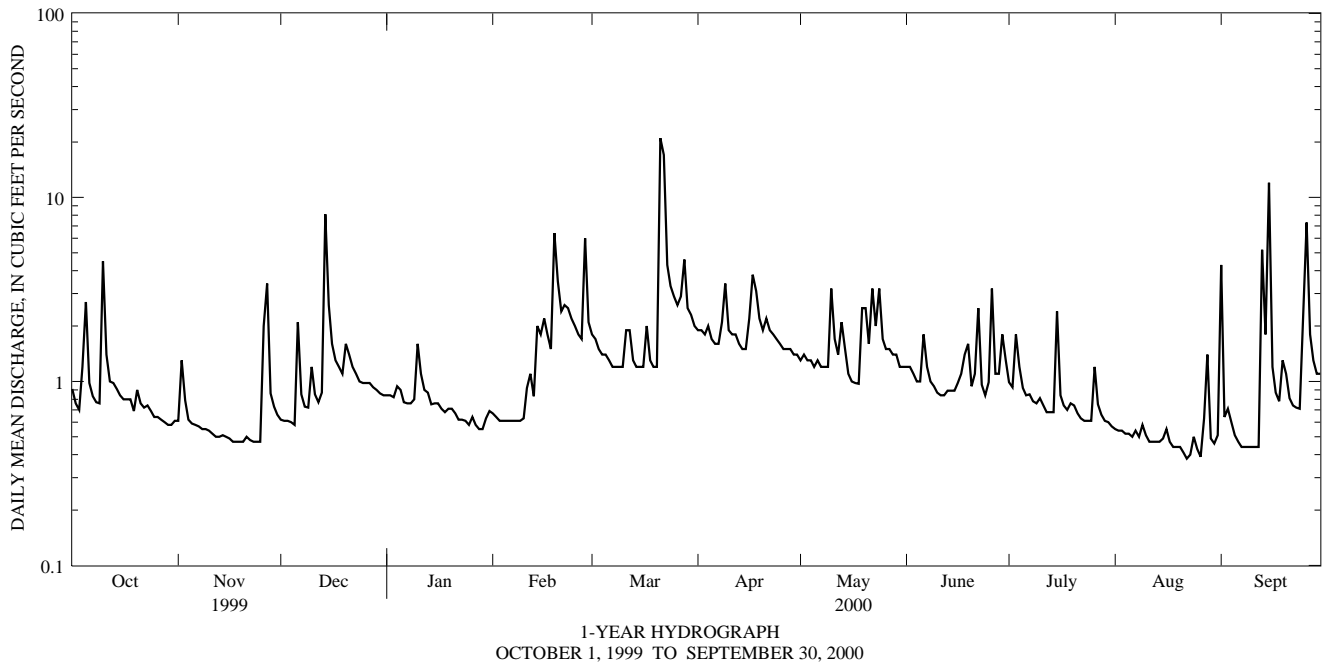
MEAN	1.24	1.56	1.87	2.11	1.96	3.44	1.97	1.52	1.38	1.17	.86	1.19
MAX	3.90	3.51	4.89	5.02	2.54	9.49	3.03	2.53	2.82	2.59	2.70	2.67
(WY)	1997	1997	1997	1996	1994	1994	1996	1996	1996	1996	1996	1999
MIN	.19	.27	.23	.77	1.09	1.47	1.01	.61	.36	.20	.19	.20
(WY)	1998	1999	1999	2000	1999	1999	1995	1999	1999	1999	1999	1995

CONESTOGA RIVER BASIN

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SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1994 - 2000	
ANNUAL TOTAL	388.69		499.80			
ANNUAL MEAN	1.06		1.37		1.69	
HIGHEST ANNUAL MEAN					2.58	
LOWEST ANNUAL MEAN					.90	
HIGHEST DAILY MEAN	56	Sep 16	21	Mar 21	56	Sep 16 1999
LOWEST DAILY MEAN	.07	Aug 20	.38	Aug 22	.07	Aug 24 1995
ANNUAL SEVEN-DAY MINIMUM	.08	Aug 19	.42	Aug 20	.08	Sep 10 1995
INSTANTANEOUS PEAK FLOW			a159	Sep 15	a430	Jun 12 1994
INSTANTANEOUS PEAK STAGE			4.76	Sep 15	6.31	Jun 12 1994
INSTANTANEOUS LOW FLOW			.37	Aug 22,23	.05	Aug 25 1995
ANNUAL RUNOFF (CFSM)	.75		.96		1.19	
ANNUAL RUNOFF (INCHES)	10.18		13.09		16.15	
10 PERCENT EXCEEDS	1.6		2.3		2.7	
50 PERCENT EXCEEDS	.65		.92		1.1	
90 PERCENT EXCEEDS	.16		.50		.25	

a From rating curve extended above 140 ft<sup>3</sup>/s on basis of calculation of flow through culvert at gage heights 4.60, 5.30, 6.00 and 6.65 ft.



## CONESTOGA RIVER BASIN

01576529 UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR LAMPETER, PA--Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1993 to current year.

INSTRUMENTATION.--Automatic pumping sampler since December 1993.

REMARKS.--Fixed-time, base flow, and stormflow samples collected at streamflow control. Constituent values for stormflow water quality are for discharge-weighted composite samples. Samples with two dates are composited samples; sample time is the composite start time, discharge is the mean for the composited period. Some values for "dissolved" parameters exceed values for the corresponding "total" parameter and some values for dissolved ortho-phosphorus exceed values for dissolved phosphorus. These results are within the limits of analytical precision and methods.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	AGENCY ANA- LYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COL- LECTING SAMPLE (CODE NUMBER) (00027)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)
OCT 1999									
05-05	0007	80020	1028	8.8	--	--	--	--	--
06...	0910	80020	1028	--	.98	11.4	7.8	733	11.3
OCT									
10-10	0637	80020	1028	9.6	--	--	--	--	--
14...	0850	80020	1028	--	.93	10.0	7.8	734	12.2
25...	0900	80020	1028	--	.64	10.6	7.5	721	8.8
NOV									
02...	0830	80020	1028	--	.58	10.2	7.7	716	14.2
NOV									
02-02	1852	80020	1028	4.9	--	--	--	--	--
NOV									
02-02	1853	80020	1028	4.9	--	--	--	--	--
12...	0835	80020	1028	--	.50	13.4	7.9	720	8.3
22...	0825	80020	1028	--	.47	11.6	8.1	702	12.0
NOV									
26-27	1852	80020	1028	8.4	--	--	--	--	--
DEC									
06-06	0722	80020	1028	5.3	--	--	--	--	--
07...	0900	80020	1028	--	.84	11.0	8.0	717	8.1
DEC									
10-10	1422	80020	1028	3.5	--	--	--	--	--
DEC									
14-14	0937	80020	1028	15	--	--	--	--	--
DEC									
14-14	0938	80020	1028	15	--	--	--	--	--
JAN 2000									
05...	0810	80020	1028	--	.84	12.1	8.1	887	5.6
FEB									
09...	0915	80020	1028	--	.61	14.2	8.0	802	.4
FEB									
14-14	1607	80020	1028	3.8	--	--	--	--	--
FEB									
27-28	2337	80020	1028	11	--	--	--	--	--
MAR									
11-11	1337	80020	1028	4.9	--	--	--	--	--
MAR									
17-17	0052	80020	1028	3.1	--	--	--	--	--
MAR									
17-17	0752	80020	1028	3.2	--	--	--	--	--
MAR									
21-21	1252	80020	1028	49	--	--	--	--	--
24...	0830	80020	1028	--	3.4	13.2	7.7	731	8.6
APR									
05...	0845	80020	1028	--	1.8	14.3	8.1	699	7.2
APR									
16-16	1852	80020	1028	4.9	--	--	--	--	--
APR									
17-18	1022	80020	1028	4.9	--	--	--	--	--
19...	0815	80020	1028	--	2.2	11.7	7.9	704	9.5
25...	0800	80020	1028	--	1.6	10.2	7.9	675	10.5
MAY									
08...	0700	80020	1028	--	1.2	8.4	7.7	671	14.7
08...	0800	80020	1028	--	1.2	--	--	--	--
MAY									
10-10	1737	80020	1028	11	--	--	--	--	--
MAY									
13-13	2107	80020	1028	7.0	--	--	--	--	--
17...	0720	80020	1028	--	.98	10.4	7.9	524	13.4
MAY									
19-19	1007	80020	1028	6.7	--	--	--	--	--
26...	0845	80020	1028	--	1.4	11.2	8.0	666	13.7
JUN									
06-06	0537	80020	1028	3.7	--	--	--	--	--
07...	0755	80020	1028	--	1.2	11.5	7.9	670	13.7
07...	0756	80020	1028	--	1.2	11.5	7.9	670	13.7
16...	0735	80020	1028	--	1.0	9.9	7.7	642	16.7
23...	0745	80020	1028	--	1.0	10.3	7.8	675	16.7

## CONESTOGA RIVER BASIN

## 01576529 UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR LAMPETER, PA--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	ALKA- LINITY WAT DIS TOT IT LAB (MG/L AS CACO3) (39087)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)
OCT 1999								
05-05	--	1.1	2.6	<.020	3.07	.064	.458	.350
06...	--	.29	.39	<.020	9.30	.029	.090	--
OCT								
10-10	--	.90	1.7	<.020	3.56	.076	.395	.333
14...	232	.28	.28	<.020	9.47	.021	.082	--
25...	--	.26	.28	<.020	9.67	.023	.054	--
NOV								
02...	--	.26	.25	<.020	9.13	.032	.055	--
NOV								
02-02	--	1.0	2.6	.177	6.68	.155	.193	.274
NOV								
02-02	--	1.1	2.5	.197	7.05	.163	.199	.298
12...	--	.24	.19	<.020	9.23	.019	.050	--
22...	--	.24	.23	<.020	9.23	.029	.031	--
NOV								
26-27	--	1.5	3.0	.336	3.86	.100	.543	.447
DEC								
06-06	--	1.3	2.9	.356	4.76	.091	.397	.342
07...	--	.35	.47	.035	8.66	.034	.115	--
DEC								
10-10	--	1.1	2.3	.219	7.40	.064	.278	.242
DEC								
14-14	--	.69	4.6	.160	2.80	.026	.428	.426
DEC								
14-14	--	.80	5.5	.076	2.61	.025	.470	.372
JAN 2000								
05...	208	.27	.90	<.020	8.86	.028	.077	--
FEB								
09...	--	.20	.73	.047	10.3	.026	.056	--
FEB								
14-14	--	1.4	2.2	.521	5.29	.039	.189	.159
FEB								
27-28	--	1.3	1.4	.220	3.90	.043	.193	.198
MAR								
11-11	--	.95	2.4	.325	6.99	.057	.166	.126
MAR								
17-17	--	.89	.90	.068	7.57	.042	.073	.054
MAR								
17-17	--	1.2	1.3	.132	6.93	.049	.149	.112
MAR								
21-21	--	.74	7.0	.186	1.79	.021	.487	.405
24...	--	.46	.43	<.020	9.59	.010	.113	--
APR								
05...	--	.19	.35	<.020	9.81	.020	.052	--
APR								
16-16	--	1.2	2.5	.196	6.05	.083	.183	.164
APR								
17-18	--	1.1	1.6	.178	5.63	.049	.139	.134
19...	208	.35	.52	.055	9.29	.045	.053	--
25...	--	.26	.38	.022	9.65	.046	.045	--
MAY								
08...	--	.23	.30	<.020	9.04	.072	.053	--
08...	--	--	--	--	--	--	--	--
MAY								
10-10	--	3.1	12	.371	3.03	.240	.362	.283
MAY								
13-13	--	1.5	3.3	.381	5.06	.159	.103	.085
17...	--	.26	.29	<.020	9.33	.060	.047	--
MAY								
19-19	--	1.5	3.2	.087	3.96	.091	.329	.203
26...	--	.28	.29	<.020	8.75	.044	.067	--
JUN								
06-06	--	.80	1.1	.051	6.22	.059	.081	.073
07...	--	.37	.45	.032	8.66	.039	.057	.042
07...	--	.34	.46	.026	8.66	.039	.056	.040
16...	--	.42	.52	.022	8.55	.055	.079	--
23...	--	.30	.35	<.020	7.13	.037	.100	--

## CONESTOGA RIVER BASIN

## 01576529 UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR LAMPETER, PA--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	TUR- BID- ITY (NTU) (00076)	PERI- PHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERI- PHYTON BIOMASS DRY WEIGHT G/SQ M (00573)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CHLOR-A PERI- PHYTON CHROMO- GRAPHIC FLUOROM (MG/M <sup>2</sup> ) (70957)	CHLOR-B PERI- PHYTON CHROMO- GRAPHIC FLUOROM (MG/M <sup>2</sup> ) (70958)	SEDI- MENT, SUS- PENDE (MG/L) (80154)
OCT 1999								
05-05	1.25	120	--	--	--	--	--	243
06...	.104	2.2	--	--	--	--	--	4
OCT								
10-10	.849	81	--	--	--	--	--	161
14...	.094	1.9	--	--	K120	--	--	4
25...	.059	2.4	--	--	--	--	--	8
NOV								
02...	.063	1.4	--	--	340	--	--	8
NOV								
02-02	.841	58	--	--	--	--	--	164
NOV								
02-02	.778	58	--	--	--	--	--	170
12...	.052	1.1	--	--	--	--	--	10
22...	.037	1.8	--	--	--	--	--	2
NOV								
26-27	1.32	140	--	--	--	--	--	326
DEC								
06-06	1.02	120	--	--	--	--	--	247
07...	.123	2.6	--	--	4800	--	--	2
DEC								
10-10	.628	60	--	--	--	--	--	67
DEC								
14-14	2.08	--	--	--	--	--	--	925
DEC								
14-14	2.15	--	--	--	--	--	--	1040
JAN 2000								
05...	.085	1.5	--	--	K1100	--	--	1
FEB								
09...	.074	12	--	--	460	--	--	18
FEB								
14-14	.448	67	--	--	--	--	--	102
FEB								
27-28	2.22	--	--	--	--	--	--	1310
MAR								
11-11	.547	--	--	--	--	--	--	204
MAR								
17-17	.150	--	--	--	--	--	--	44
MAR								
17-17	.222	--	--	--	--	--	--	30
MAR								
21-21	3.60	--	--	--	--	--	--	2190
24...	.141	12	--	--	600	--	--	7
APR								
05...	.068	1.9	--	--	--	--	--	2
APR								
16-16	.667	--	--	--	--	--	--	164
APR								
17-18	.323	--	--	--	--	--	--	47
19...	.169	4.2	--	--	530	--	--	3
25...	.061	2.8	--	--	--	--	--	4
MAY								
08...	.059	3.0	--	--	--	--	--	6
08...	--	--	801.3	745.9	--	79.3	11.2	--
MAY								
10-10	4.17	--	--	--	--	--	--	1580
MAY								
13-13	1.62	--	--	--	--	--	--	600
17...	.054	3.8	--	--	840	--	--	6
MAY								
19-19	1.37	--	--	--	--	--	--	450
26...	.076	4.4	--	--	--	--	--	8
JUN								
06-06	.206	--	--	--	--	--	--	36
07...	.074	5.8	--	--	--	--	--	6
07...	.074	5.8	--	--	--	--	--	12
16...	.100	5.8	--	--	--	--	--	9
23...	.098	7.3	--	--	1200	--	--	5

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## 01576529 UNNAMED TRIBUTARY TO BIG SPRING RUN NEAR LAMPETER, PA--Continued

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	AGENCY ANALYZING SAMPLE (CODE NUMBER) (00028)	AGENCY COLLECTING SAMPLE (CODE NUMBER) (00027)	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	OXYGEN, DIS- SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE (µS/CM) (00095)	TEMPER- ATURE WATER (DEG C) (00010)	NITRO- GEN, AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
JUL 2000												
05...	1020	80020	1028	--	.93	12.5	8.1	721	19.7	.27	.37	.022
14...	0810	80020	1028	--	.68	10.4	7.8	641	17.1	.23	.41	<.020
25...	0755	80020	1028	--	.64	10.8	7.8	702	16.5	.28	.32	<.020
JUL												
26-26	1507	80020	1028	3.1	--	--	--	--	--	.85	1.6	.043
AUG												
02...	0745	80020	1028	--	.55	7.9	7.7	--	19.2	.24	.36	<.020
02...	0746	80020	1028	--	.55	7.9	7.7	--	19.2	.25	.33	<.020
14...	0810	80020	1028	--	.47	6.8	7.7	531	17.5	.26	.29	<.020
22...	1130	80020	1028	--	.39	10.2	8.0	687	16.5	.21	.25	<.020
AUG												
27-28	2337	80020	1028	5.4	--	--	--	--	--	2.1	3.0	.303
SEP												
01-01	0737	80020	1028	18	--	--	--	--	--	1.7	4.5	.420
05...	0745	80020	1028	--	.50	7.5	7.9	730	17.1	.41	.39	<.020
05...	0835	80020	1028	--	.47	--	--	--	--	--	--	--
14...	0910	80020	1028	--	.58	9.6	8.0	781	16.2	.43	.47	.028
SEP												
14-15	2307	80020	1028	33	--	--	--	--	--	1.1	4.8	.276
28...	0810	80020	1028	--	1.2	12.4	7.8	683	12.7	.31	.28	<.020

DATE	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	TUR- BID- ITY (NTU) (00076)	PERI- PHYTON BIOMASS TOTAL ASH WEIGHT G/SQ M (00572)	PERI- PHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CHLOR-A PERI- PHYTON CHROMO- FLUOROM (MG/M <sup>2</sup> ) (70957)	SEDI- MENT, SUS- PENDE (MG/L) (80154)
JUL 2000											
05...	8.35	.027	.156	--	.170	7.0	--	--	--	--	17
14...	8.10	.025	.070	--	.086	8.5	--	--	2600	--	15
25...	7.92	.024	.073	--	.085	2.8	--	--	--	--	4
JUL											
26-26	4.07	.067	.256	.194	.435	--	--	--	--	--	52
AUG											
02...	8.20	.027	.110	--	.126	7.1	--	--	--	--	6
02...	8.21	.027	.110	--	.122	7.1	--	--	--	--	7
14...	8.02	.016	.091	--	.096	1.7	--	--	1200	--	11
22...	7.80	<.010	.092	--	.098	--	--	--	--	--	6
AUG											
27-28	4.98	.197	.774	.656	1.00	--	--	--	--	--	57
SEP											
01-01	2.00	.066	.872	.807	2.34	--	--	--	--	--	534
05...	6.95	.031	.147	--	.150	2.2	--	--	--	--	12
05...	--	--	--	--	--	--	255.6	262.3	--	23.2	--
14...	7.16	.020	.126	--	.145	6.8	--	--	--	--	4
SEP											
14-15	2.00	.049	.636	.615	2.34	--	--	--	--	--	886
28...	8.23	.010	.073	--	.092	3.9	--	--	2200	--	7