ECOLOGICAL STUDIES OF THE CONNECTICUT RIVER VERNON / VERMONT

REPORT 24
SUMMARY AND DATA
JANUARY 1994 - DECEMBER 1994

prepared for

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1.0 INTRODUCTION

This report fulfills requirements of Vermont Yankee Nuclear Power Plant's discharge permit, NPDES No. VT0000264, issued on 1 January 1991 and in effect until 31 December 1995.

Material in this report demonstrates compliance with thermal criteria defined in Part I, Effluent Limitations and Monitoring Requirements, of the NPDES permit. Results of the environmental monitoring program defined in Appendix A of the permit, Section I, Routine Monitoring, are also reported in this document.

This is the fourth annual report produced under requirements of the 1991 five-year permit. This report discusses thermal standards, water quality, plankton, macroinvertebrates, and fish. Environmental sample stations referred to in the following sections of this report are presented in Figures 1.1 and 6.1.

Goal-oriented studies of the fisheries near Vernon, Vermont were conducted during 1994. Results of the 1994 analyses of environmental impact relevant to the Vermont Yankee/Connecticut River system will be presented separately in the following Analytical Bulletins:

Bulletin 52 - Composition of Adult American Shad at Turners Falls and Vernon Dam Fishways, 1994.

Bulletin 53 - Sexual Maturity and Bioenergetics of Migrating Adult Female American Shad at Turners Falls and Vernon Dam Fishways, 1994.

Bulletin 54 - Relative Density and Growth of Juvenile American Shad in the Connecticut River near Vernon, Vermont, 1994.

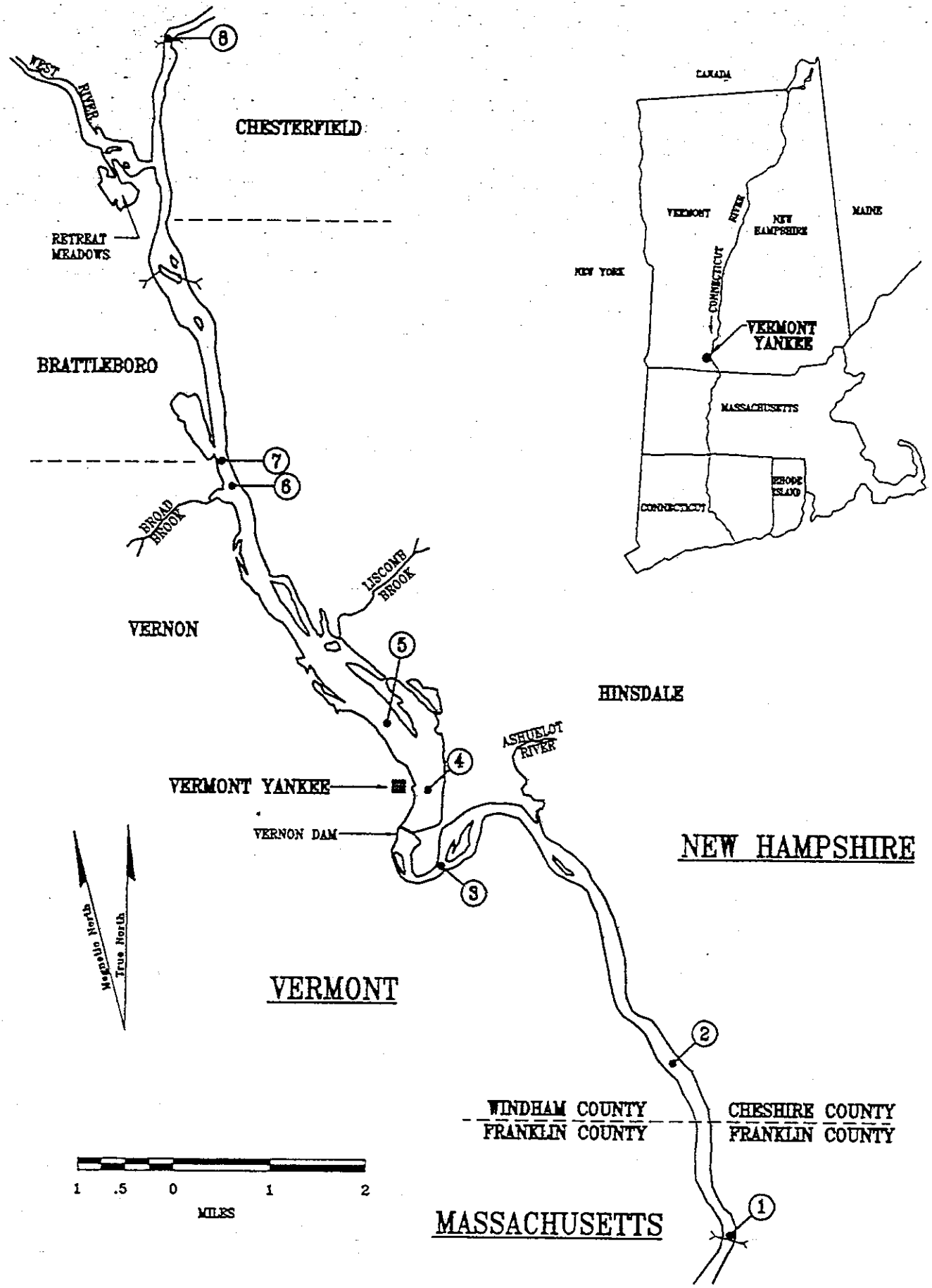

Figure 1.1 Environmental sample stations.

2.0 COMPLIANCE WITH THERMAL STANDARDS

2.1 Thermal Standards

The operational mode of Vermont Yankee's cooling water system is related to calendar dates and ambient Connecticut River water temperatures as specified in Vermont Yankee's discharge permit. Effective 1 January 1991, during the 16 May through 14 October period, Vermont Yankee is permitted to discharge heat to the river within the following thermal standards (A.5.b. of the NPDES permit):

Connecticut River Temperature at Station 7 (T7)	Calculated Increase in River Temperature above Ambient
T7 > 63 °F	2 °F
63 °F ≥ T7 > 59 °F	3 °F
59 °F ≥ T7 > 55 °F	4 °F
55 °F ≥ T7	5 °F

During the period of 15 October through 15 May, Vermont Yankee is permitted to discharge heat to the Connecticut River within the following thermal standards (section A.5.a. of the NPDES permit):

1. The temperature at Monitor 3 during open cycle operation shall not exceed 65 °F.
2. The rate of change of temperature at Monitor 3 shall not exceed 5 °F per hour, and,
3. The increase in temperature above ambient at Monitor 3 shall not exceed 13.4 °F.

The river discharge near Vernon is regulated by Vernon Dam Hydroelectric Station to remain at or above 1250 cubic feet per second (cfs). Since the theoretical maximum increase in temperature due to Vermont Yankee's thermal discharge at a river flow of 1250 cfs is 12.9 °F, these standards, in effect, permit open cycle condenser cooling without cooling tower operation when ambient river temperatures are less than 52.1 °F during 15 October through 15 May. If ambient river temperatures are greater

than 52.1 °F, the amount of heat discharged to the river can be reduced by utilizing the cooling towers.

2.2 Methods of Demonstrating Compliance

Compliance with the criterion that limits open cycle operation to times when the downstream temperature is less than 65 °F was demonstrated by examination of river temperature and plant operating records.

Rate of change of temperature is defined in the NPDES permit as the difference between consecutive hourly average temperatures. Measurements at Station 3 were used to calculate these differences.

Increase in temperature above ambient is defined in the NPDES permit as a plant-induced temperature increase as calculated by equation 1-1 in the report 316 Demonstration (Binkerd, et al. 1978, Downey and Binkerd, 1990). This equation is based on the principle of conservation of energy, a principle which is integral to the computer simulation of the Vermont Yankee/Connecticut River system. Using measured upstream river temperature, plant operating records and core thermal power, the amount of heat discharged to the river was calculated. Then, using thermodynamic and hydrodynamic principles and river discharge information, the mixed river temperature increase was calculated and compared with thermal standards.

2.3 Thermal Impact

Figures in this section illustrate the principle of conservation of energy as applied to the Vermont Yankee/Connecticut River system. Figure 2.1 depicts core thermal, gross, and net power produced by Vermont Yankee in 1994. These data were obtained from hourly records supplied by Vermont Yankee. Gross and net electrical power records were obtained from Meter Data Sheets, VYDPF 0158.01. Core thermal power data were obtained from Core Exposure Log Work Sheets, VYDPF 0415.02. The licensed maximum reactor core thermal power is limited to 1593 megawatts. About one-third of this power was converted to electrical power, while the remainder was transferred as heat to the atmosphere via the cooling towers, or to the river. Figure 2.2

depicts heat discharged to the river while Figure 2.3 is a plot of hourly Connecticut River discharge near Vernon, Vermont. These data were obtained from records at Vernon Station.

Table 2.1 lists the average daily and monthly river discharge. For discharge greater than 12,000 cfs, a rating curve was used to convert stage height to discharge. The rating curve was the same one used by the USGS prior to abandoning the Vernon gaging station. This curve is believed to be sufficiently accurate because backwater from the Northfield Mountain Pump Storage Facility and the modification at Turners Falls Dam have had little impact on stage height near Vernon Dam during times of high discharge. Below 12,000 cfs, discharge data were obtained from turbine rating curves at Vernon Station. The peak flow for 1994 was 77,080 cfs, which occurred on 17 April.

Increases in river temperature due to Vermont Yankee's operation are plotted in Figure 2.4. Comparison of Vermont Yankee's discharged heat (Figure 2.2), Connecticut River discharge (Figure 2.3), and river temperature increase (Figure 2.4) illustrates that for a constant heat rejection rate to the river, the temperature increase is inversely proportional to river discharge. During two short periods on 20 and 22 July 1994, Vermont Yankee's operation resulted in a simulated exceedance of the permitted increase in river temperature. The increases were 2.3 °F and 2.1 °F when only 2°F was permitted. The maximum simulated river temperature increase of 10.1 °F occurred on 25 November.

Hourly average temperatures measured at Station 7 and Station 3 are plotted on Figure 2.5. Station 7 is well upstream of the plant, and water temperatures there were unaffected by the plant's thermal discharge. Heat discharged from the plant was well mixed at Station 3, due primarily to passage through Vernon Station. Temperatures measured at Station 3 reflected both the natural and plant-induced changes in temperature between the upstream and downstream locations.

From 1 January 1994 through 25 March 1994, and from 27 July 1994 to 9 August 1994 problems with the primary temperature probe at Station 3 were encountered. The primary probe at Station 3 is located in the Connecticut River, while the secondary probe at Station 3 receives river water via a submersible pump which slightly elevates the temperature measured at this probe. The secondary probe measurements at this station were found to be more reliable and are used in this report. Station 3 temperatures contained in this report (Table 3.2, and Appendix A) are systematically higher than the actual river temperatures by about 0.2 to 0.7 ˚F when data from the secondary probe is reported.

The maximum rate of temperature increase at Station 3 during 1994 was 1.9 ˚F per hour which occurred on 10 December 1994. The maximum rate of decrease during 1994 was 2.2 ˚F per hour and occurred on 23 November.

Table 2.1 Daily and monthly average Connecticut River discharge (CFS) at Vernon Station during 1994.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5254	7382	6242	16215	16215	11590	7664	5360	3977	6617	5325	7250
2	4787	6506	4970	4970	4970	11137	6501	5731	2766	6258	4335	5838
3	5031	3827	5359	5359	5359	12081	5178	3764	1826	6199	4417	4039
4	4652	5537	6657	6657	6657	6838	6513	4339	1571	4008	4924	4350
5	4587	5499	6738	6738	6738	6049	7605	4228	1858	3774	3478	6147
6	4431	4576	5945	5945	5945	7358	5109	3417	3266	3303	3198	3198
7	4613	5445	6183	6183	6183	7226	5371	3651	3168	3534	4461	4461
8	3951	4503	6126	6126	6126	7056	5410	3371	2372	3585	4149	4149
9	4036	4941	8604	8604	8604	9102	3363	3274	2263	5032	4786	4786
10	4960	5232	9889	9889	9889	8783	5440	2713	2355	5136	4918	12075
11	4719	5968	9020	9020	9020	7773	7223	2517	2681	4688	5079	11783
12	3906	4196	10193	10193	10193	4913	6748	1486	2074	3595	4713	10706
13	4354	3710	10282	10282	10282	5813	4802	2572	3884	2455	3344	9048
14	5123	5094	9043	9043	9043	9435	4023	2460	4107	2479	3699	7121
15	4592	4798	10335	10335	16228	11390	3224	4199	4919	2631	4888	4378
16	3948	5494	9659	9659	9659	11273	3826	3506	4402	2545	4932	6559
17	6014	5991	9208	9208	9208	10004	2378	5298	4378	3296	4106	7730
18	3880	6302	9293	9293	9293	7256	2391	6825	4203	2721	3978	4645
19	4518	5989	9781	9781	9781	4719	3698	8160	3983	4160	2400	6089
20	4824	6124	10069	10069	10069	5052	4139	9026	4020	3428	2534	5855
21	4537	5189	7360	7360	15629	5209	5572	7059	3794	3470	3438	5996
22	3871	7602	8724	8724	11601	7094	5915	9142	5331	3268	4593	6513
23	4398	6822	8048	8048	12593	5317	5729	9269	6274	2835	3115	6990
24	3267	7021	7580	7580	10815	3950	5305	7645	6213	3960	2211	7513
25	4711	8874	14608	14608	10729	4703	5332	5472	5162	3001	1864	12494
26	3874	6619	16023	16023	10679	4541	5873	4686	5376	3060	2713	13500
27	4155	5586	5586	5586	12433	5718	5708	6135	6584	2215	3017	8959
28	4733	7001	14809	14809	14809	4441	5454	4789	7127	2721	4583	9296
29	5460		5460	5460	15306	6817	5445	5588	9278	2802	5903	9929
30	5770		16063	16063	11855	6674	4694	5490	7381	2343	7893	9509
31	6545		6545		12573		4949	4511		2538		4396
Average	4629	5780	8852	9261	10274	7310	5180	5022	4220	3602	4100	7268

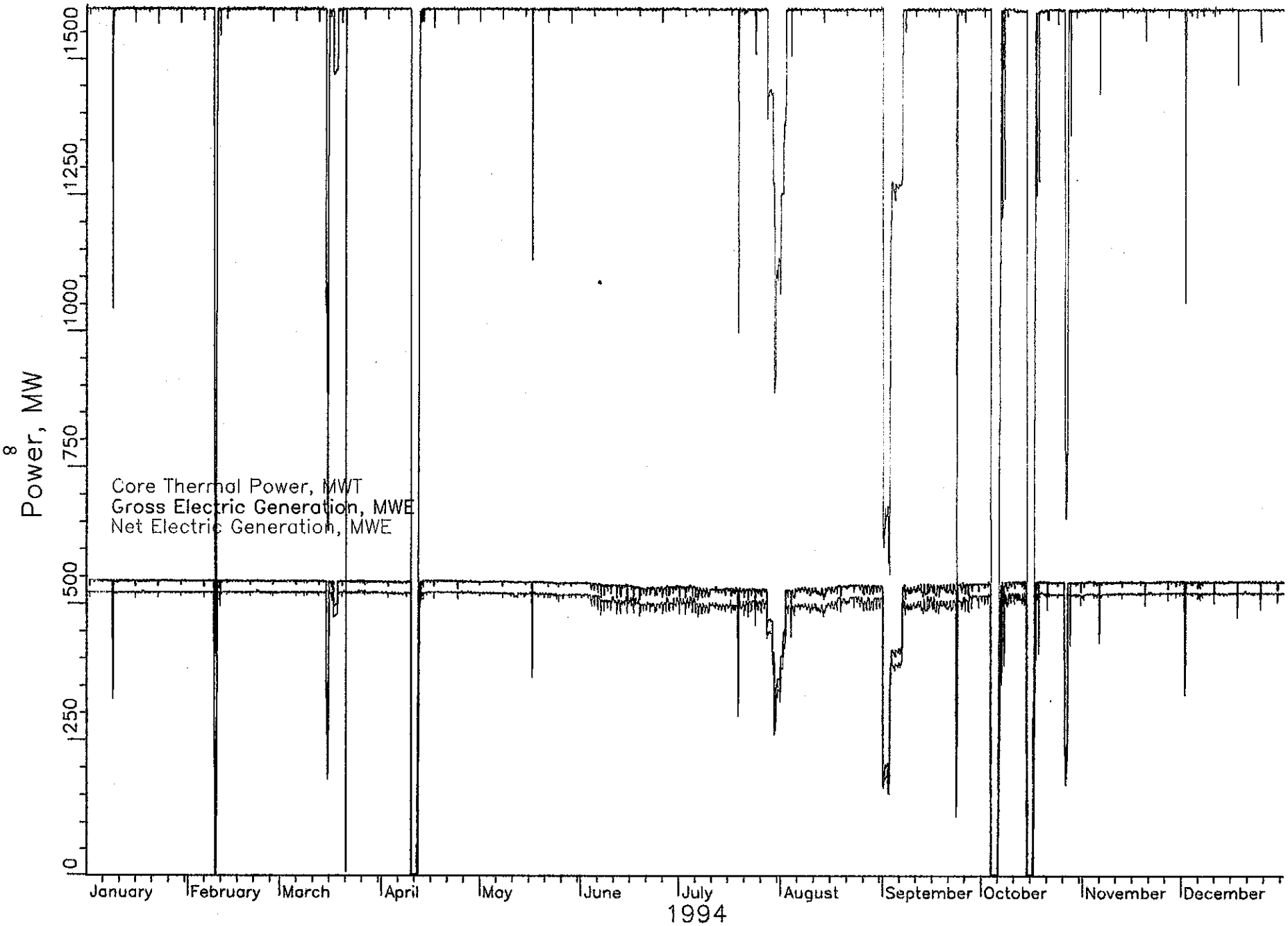

Figure 2.1 Vermont Yankee Power, 1994

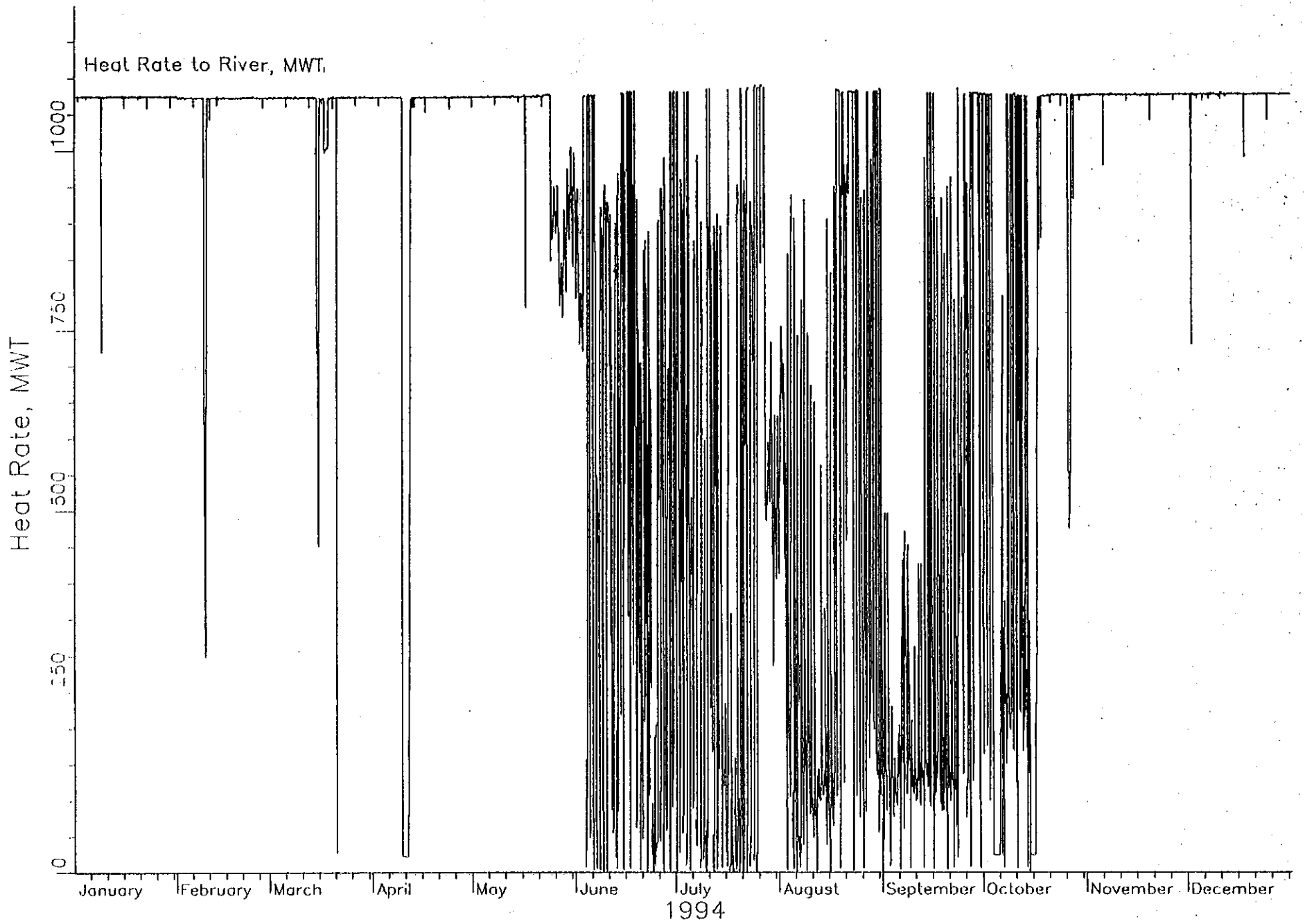

Figure 2.2 Vermont Yankee Discharged Heat, 1994

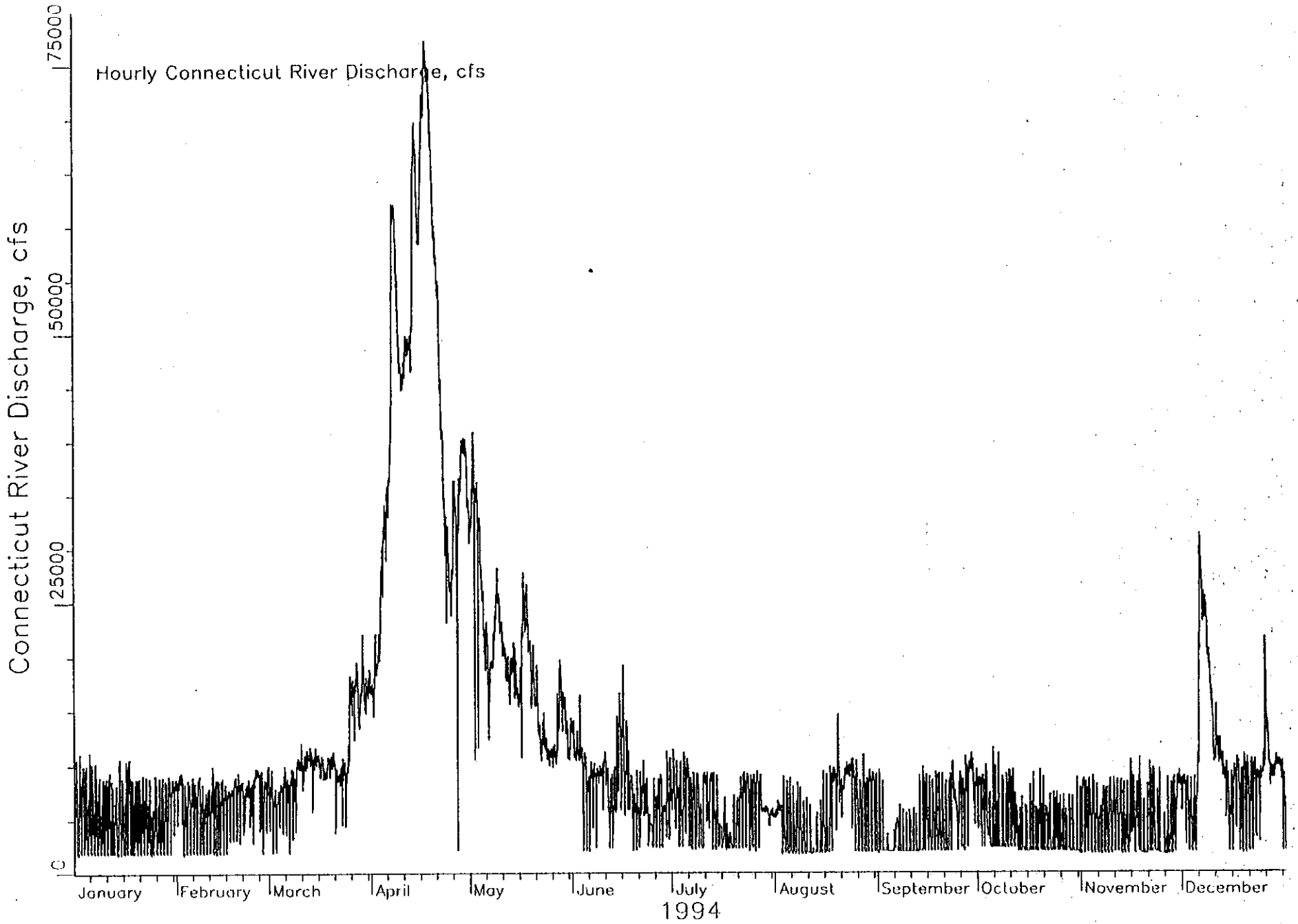

Figure 2.3 Connecticut River Discharge, 1994

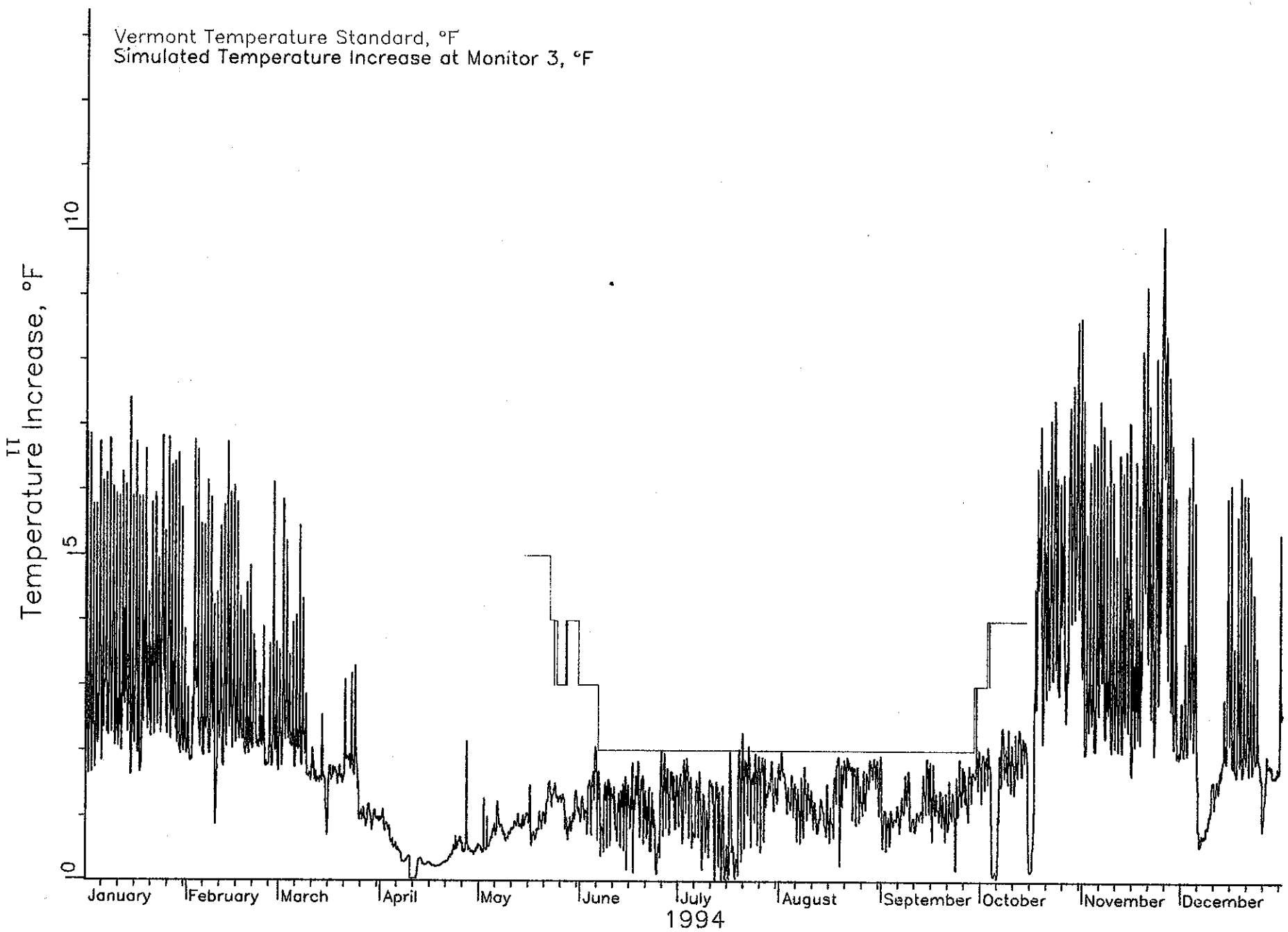

Figure 2.4 Connecticut River Temperature Increase, 1994

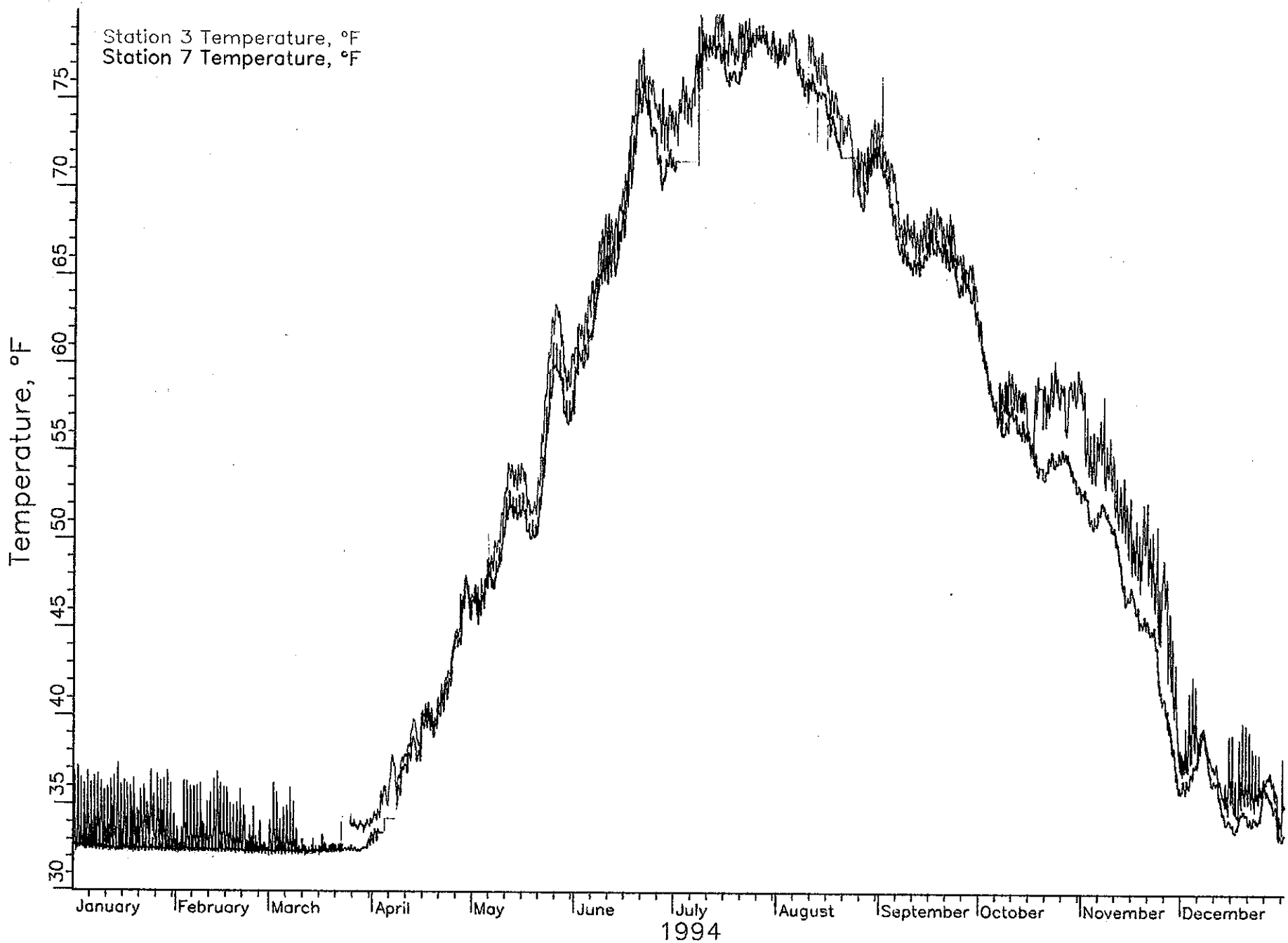

Figure 2.5 Connecticut River Temperatures, 1994

3.0 Water Quality Studies

Water temperature was measured continuously at Stations 7 and 3 during 1994 and at the Vernon Dam fishway during fishway operation. Daily and monthly average temperature data from Stations 7 and 3 are summarized in Tables 3.1 and 3.2; hourly average temperature data for both locations are plotted on Figure 2.5. Hourly and daily average temperature data from the fishway are tabulated in Table 3.3.

Monthly grab samples of river water were collected and analyzed at Stations 7, Station 3, and the plant discharge when the plant was operating. All samples at Stations 7 and 3 were collected directly from the Connecticut River. A yearly grab sample of the plant discharge for volatile and semivolatile acid extractable organic compounds was collected on 11 November 1994. In the yearly discharge samples compounds were detected at detection levels of 0.005 - 0.010 milligrams/liter (mg/l) for volatile compounds and 0.05 - 0.025 mg/l for semivolatile compounds (see the attached Analytical Report).

The range of water quality values measured monthly at each sampling location is tabulated in Table 3.4. The nonparametric Wilcoxon signed rank test was utilized to evaluate whether any significant differences were found between the three sampling locations (Ryan, 1985). Only zinc was higher at Station 7 (median difference of 0.005 mg/l) as compared to Station 3 ($P < 0.05$).

The plant discharge was higher in copper and zinc (median difference of 0.011 and 0.006 to 0.009 mg/l respectively) as compared to both Stations 7 and 3 ($P < 0.05$).

Table 3.1 Daily and monthly average Connecticut River temperature (degrees F) at Station 7 during 1994.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	32.6	32.4	32.2	33.1	46.7	60.2		77.4	70.5	60.4	52.0	35.1
2	32.5	32.3	32.2	33.2	46.1	60.3		77.1	70.1	59.6	51.5	35.1
3	32.5	32.4	32.3	34.0	46.2	60.3		77.6	68.9	58.5	50.4	35.4
4	32.5	32.4	32.3	34.8	46.8	60.9		78.3	68.3	57.5	50.2	36.0
5	32.6	32.4	32.3	34.6	47.7	61.6		77.8	67.2	56.9	50.5	36.4
6	32.5	32.4	32.2	36.1	47.7	62.8		76.4	66.2	56.0	51.1	37.7
7	32.5	32.4	32.2	36.2	47.6	64.3	69.5	75.8	65.8	55.3	51.3	38.4
8	32.5	32.4	32.3	35.2	48.4	65.1	76.7	75.3	65.2	55.6	50.8	37.4
9	32.5	32.3	32.2	35.9	49.2	65.4	77.5	75.2	64.9	56.1	50.3	36.0
10	32.5	32.4	32.2	36.8	50.6	65.7	77.5	75.6	65.0	56.7	49.9	35.3
11	32.5	32.3	32.3	37.1	51.6	66.0	77.5	75.4	65.1	56.4	49.2	35.3
12	32.4	32.3	32.1	37.7	51.9	65.6	77.4	75.0	65.0	55.7	48.0	34.6
13	32.4	32.3	32.2	38.6	51.7	66.4	77.5	74.8	65.1	55.5	46.6	33.6
14	32.4	32.4	32.3	37.7	51.5	67.6	76.8	74.9	65.5	55.5	45.8	33.0
15	32.6	32.3	32.3	38.4	51.7	68.3	76.1	73.9	66.2	55.3	46.1	33.1
16	32.5	32.3	32.3	39.7	51.7	70.3	75.5	73.3	66.1	54.6	46.1	32.8
17	32.5	32.3	32.5	39.8	50.7	71.2	75.8	73.0	66.0	54.1	45.3	32.6
18	32.5	32.3	32.2	39.5	50.3	72.8	75.7	72.2	66.0	53.4	44.7	33.3
19	32.4	32.3	32.3	39.2	50.3	74.9	75.5	71.5	65.9	0.0	44.5	33.7
20	32.4	32.3	32.4	39.9	50.7	74.9	76.3	0.0	65.8	52.9	44.6	33.5
21	32.4	32.2	32.3	40.5	52.3	75.5	76.6	0.0	65.3	53.6	44.1	33.1
22	32.4	32.3	32.4	40.9	54.4	74.4	77.3	0.0	64.9	54.0	44.2	33.1
23	32.4	32.2	32.3	41.5	56.8	73.2	77.8	0.0	64.5	53.7	43.1	33.2
24	32.4	32.2	32.3	42.3	58.6	73.1	77.7	69.4	63.2	53.9	41.0	33.3
25	32.4	32.4	32.4	44.0	60.0	71.6	77.9	68.8	62.9	54.1	40.2	34.8
26	32.4	32.3	32.3	44.3	59.8	70.4	78.0	68.7	63.4	54.2	39.6	34.9
27	32.4	32.4	32.3	45.0	59.3	70.8	77.8	69.7	63.3	54.0	38.5	34.5
28	32.4	32.2	32.3	46.9	57.5	71.6	77.2	70.5	62.5	53.5	37.5	34.0
29	32.5		32.4	47.0	56.9	71.5	77.4	71.0	61.8	52.9	36.2	33.6
30	32.4		32.5	46.0	57.2	71.2	77.3	71.4	61.2	52.3	35.0	32.2
31	32.3		32.9		58.5		77.2	71.2		52.1		32.2
Average	32.5	32.3	32.3	39.2	52.3	68.3	76.7	64.2	65.4	53.4	45.6	34.4

Table 3.2 Daily and monthly average Connecticut River temperature (degrees F) at Station 3 during 1994.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	36.3	35.3	35.6	34.3	46.9	61.4	74.0	79.9	72.1		56.9	37.4
2	36.4	35.2	36.0	34.4	46.4	61.8	75.1	80.0	71.4		55.1	37.7
3	35.9	36.5	35.9	35.0	46.7	61.9	75.0	79.7	71.0		54.3	38.6
4	35.9	36.2	35.7	35.7	47.2	62.8	74.5	80.2	70.7		54.2	39.4
5	36.5	35.9	35.7	35.2	48.1	63.9	74.7	79.7	69.3		54.8	39.2
6	36.0	35.9	35.8	36.7	48.7	64.0	76.2	78.0	67.7	58.9	55.5	38.2
7	36.1	36.0	35.7	37.1	49.0	65.4	77.2	77.8	67.6	58.2	55.0	38.9
8	36.4	36.1	35.9	36.0	49.6	66.5	77.8	77.8	67.7	58.2	54.1	38.5
9	36.6	35.2	35.3	37.0	50.7	67.1	78.2	79.8	67.5	58.5	54.3	37.8
10	35.8	35.6	34.9	37.6	52.1	67.4	78.7	78.0	67.4	58.8	53.5	37.2
11	35.8	35.9	35.1	37.9	53.6	67.4	78.6	77.3	66.8	58.3	51.9	37.1
12	36.3	36.0	34.8	38.7	53.9	67.2	79.9	76.6	66.7	58.1	51.9	36.4
13	36.5	36.8	34.7	39.6	53.5	67.7	79.4	76.7	67.3	57.9	51.8	35.6
14	36.8	36.2	35.0	38.7	53.4	69.1	79.4	76.6	67.6	58.0	50.9	35.4
15	35.9	36.2	34.4	38.9	53.7	69.9	77.8	75.7	68.1	56.4	50.5	36.2
16	36.3	36.1	35.0	40.2	53.6	71.2	78.0	74.8	67.8	55.2	49.1	35.8
17	35.6	35.9	35.0	40.4	52.3	73.3	78.1	74.9	68.0	56.6	49.2	34.9
18	36.0	35.7	34.9	40.0	51.6	74.7	77.5	74.6	68.2	58.4	48.5	35.7
19	36.3	35.9	35.0	39.5	51.8	75.9	78.2	73.9	67.4	0.0	50.4	36.1
20	36.0	36.0	35.0	40.3	52.4	76.9	78.5	73.1	67.2	57.8	50.3	36.2
21	36.4	36.2	35.5	41.1	54.4	76.1	78.5	73.6	67.6	57.4	48.6	36.3
22	36.3	35.4	35.2	41.5	56.9	75.8	78.8	73.0	67.4	58.5	48.0	35.8
23	36.4	35.4	35.9	42.2	59.5	75.8	78.0	71.1	66.0	59.1	47.8	36.0
24	37.1	35.4	34.7	42.9	61.5	74.9	0.0	71.4	66.0	58.4	45.1	35.9
25	36.4	35.0	33.9	44.2	62.6	74.3	0.0	71.2	65.6	58.4	47.8	36.0
26	36.6	35.8	33.8	44.7	62.9	74.0	0.0	71.3	65.2	57.7	46.5	36.4
27	36.2		33.6	45.7	61.6	73.5	80.9	71.5	65.2	57.2	43.7	36.7
28	36.2		33.8	47.2	59.9	73.4	79.9	72.1	65.2	58.7	41.7	36.2
29	36.3		33.6	47.4	59.0	74.0	79.7	73.1	64.2	58.3	40.7	35.5
30	35.9		33.9	46.5	59.5	73.6	80.2	73.0		58.7	37.9	33.9
31	35.6		33.9		60.5		79.9	72.7		58.6		34.8
Average	36.2	35.8	34.9	39.9	54.0	70.0	70.4	75.5	67.6	55.8	50.0	36.6

Table 3.3 Hourly and daily average temperature (degrees F) at the Vernon Station Fishway during 1994.

May 1994

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	FISHWAY INOPERATIVE																								
2	FISHWAY INOPERATIVE																								
3	FISHWAY INOPERATIVE																								
4	FISHWAY INOPERATIVE																								
5	FISHWAY INOPERATIVE																								
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22	FISHWAY INOPERATIVE																								
23	FISHWAY INOPERATIVE																								
24	FISHWAY INOPERATIVE																								
25	FISHWAY INOPERATIVE																								
26	FISHWAY INOPERATIVE						63.2	63.3	63.4	64.6	64.3	65.0	64.7	64.5	64.1	63.9	64.1	64.4	65.2	65.3	64.8	64.9	63.9	64.5	64.3
27	63.7	64.2	63.3	62.4	62.1	62.0	61.8	61.7	61.7	61.6	61.7	61.5	61.6	61.6	61.7	61.9	61.9	62.0	61.8	61.8	61.7	61.6	61.5	56.4	61.8
28	61.3	61.2	61.1	61.0	60.8	60.5	60.3	60.1	60.0	60.0	59.9	60.1	60.1	60.1	60.1	60.0	60.0	59.9	59.8	59.7	59.6	59.5	59.4	59.3	60.2
29	59.2	59.1	58.9	58.9	58.8	58.8	58.8	58.9	58.9	59.1	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.7	59.6	59.4	59.3	59.1	59.0	58.9	58.9
30	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.6	61.1	62.0	62.2	62.4	62.5	62.0	62.4	62.5	62.6	62.4	62.1	62.4	62.3	60.8
31	62.5	63.3	63.2	62.1	61.2	60.8	61.0	62.1	61.5	60.8	62.5	63.7	63.5	63.5	63.4	62.9	62.7	63.4	63.1	62.9	62.6	62.2	63.0	63.5	62.6

Table 3.3 Hourly and daily average temperature (degrees F) at the Vernon Station Fishway during 1994 (continued).

	June 1994																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	63.2	61.6	61.1	61.0	61.0	60.7	60.6	60.6	60.7	61.4	63.6	64.5	65.3	65.1	64.9	64.0	62.2	62.1	62.2	62.1	62.2	62.5	62.2	62.1	62.4
2	61.9	61.8	62.0	62.0	62.0	61.6	61.5	61.7	61.5	61.6	61.8	61.8	62.0	62.0	62.2	62.1	61.8	61.7	61.7	61.6	61.6	61.6	61.7	62.1	61.8
3	61.9	61.7	62.1	61.7	61.5	61.3	61.1	61.1	61.2	61.8	62.9	63.0	62.2	62.6	62.9	62.7	62.7	62.7	62.6	62.6	62.5	62.5	62.4	62.3	62.2
4	62.2	63.2	63.9	63.3	62.9	62.5	62.5	63.2	63.6	63.8	64.4	65.4	63.8	65.4	63.9	64.5	64.6	65.3	66.4	66.2	66.0	66.0	65.8	65.4	64.3
5	64.6	65.3	65.0	65.1	65.2	64.7	64.1	64.4	64.5	64.8	66.0	66.3	66.6	67.7	67.2	66.8	66.7	66.3	66.1	66.1	66.0	66.3	66.1	66.2	65.8
6	65.5	64.9	64.7	64.6	64.7	64.7	64.2	65.1	65.1	64.4	65.6	66.4	66.4	66.3	66.3	66.3	66.4	66.6	66.7	66.7	66.7	66.5	66.7	67.0	65.8
7	66.9	65.8	65.9	65.5	65.6	65.7	66.2	66.0	66.0	67.0	67.1	66.9	67.2	67.5	67.6	67.9	68.4	69.0	68.6	69.1	69.7	69.3	69.3	69.2	67.4
8	68.8	68.5	67.8	67.3	66.8	66.7	66.8	66.5	65.9	66.2	66.3	66.6	67.2	67.6	68.1	68.2	68.4	68.3	68.2	68.0	68.0	68.4	67.3	69.1	67.5
9	69.0	68.8	68.3	68.0	67.6	67.4	65.9	65.8	66.4	67.5	68.7	69.2	69.8	70.4	70.1	70.0	70.4	70.4	70.9	70.7	70.5	70.1	69.8	69.3	69.0
10	69.6	68.6	68.1	67.7	67.6	67.2	67.0	66.5	66.7	68.4	69.4	69.7	69.9	69.9	70.1	69.9	70.5	69.8	69.4	69.2	69.5	69.1	67.8	67.3	68.7
11	67.3	68.1	67.7	68.0	68.0	68.3	68.5	68.7	68.8	69.8	70.1	70.1	69.7	69.3	69.5	69.4	69.3	69.1	68.8	68.4	68.1	68.2	68.5	68.5	68.8
12	68.3	68.1	67.9	67.7	67.6	67.4	67.5	67.6	67.5	67.6	67.9	69.4	69.5	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.6	69.3	68.7
13	69.2	68.8	68.5	68.2	68.0	68.0	68.3	68.5	68.3	68.7	70.0	71.3	70.8	70.4	70.9	70.9	70.9	70.7	71.0	71.1	71.4	71.2	71.1	70.6	69.9
14	70.8	70.8	70.5	70.3	70.3	70.1	70.1	70.4	70.6	70.8	69.7	70.7	71.1	70.8	71.6	71.2	71.6	71.6	71.2	71.9	72.1	72.6	72.1	71.5	71.0
15	71.9	71.7	70.7	69.9	69.5	69.4	69.2	69.3	69.6	70.8	71.7	72.5	72.8	72.2	73.6	73.5	73.1	73.2	72.7	72.6	72.4	73.0	73.4	72.7	71.7
16	72.4	72.2	72.0	72.0	72.2	70.8	70.6	71.0	71.2	71.2	71.4	71.3	73.9	74.4	75.5	74.8	74.9	75.2	75.3	74.4	73.9	73.9	74.7	74.8	73.1
17	75.1	75.4	75.0	75.0	74.6	74.4	72.8	72.4	72.6	73.8	75.9	76.4	76.1	76.4	77.0	76.0	76.4	76.5	76.5	76.3	76.6	77.2	76.9	76.7	75.5
18	76.6	76.4	75.7	75.6	75.4	75.2	75.1	75.1	75.2	75.6	76.3	76.7	77.8	77.4	77.5	78.4	78.8	78.5	78.5	78.7	78.7	78.2	77.9	77.6	77.0
19	77.4	76.9	76.5	76.1	76.3	76.0	75.6	75.7	75.7	76.4	76.7	77.9	78.2	78.3	78.2	78.3	78.2	78.5	78.1	78.0	78.2	78.1	78.0	77.8	77.3
20	77.6	77.9	77.9	78.0	77.6	77.5	77.3	76.9	76.8	76.2	76.0	76.5	77.8	78.3	78.4	78.6	79.0	79.4	79.8	80.0	80.0	79.7	79.7	79.1	78.2
21	78.6	78.1	77.7	77.3	77.1	77.1	77.0	76.8	76.7	77.0	77.7	77.8	77.8	77.4	77.4	77.5	77.4	77.4	77.5	77.7	77.7	78.1	78.3	78.5	77.6
22	78.1	77.9	77.5	77.5	77.4	77.1	75.9	75.1	74.8	75.1	75.9	76.6	77.1	77.0	76.6	76.9	77.0	77.6	77.9	77.9	77.4	77.0	78.1	78.0	77.0
23	78.1	78.1	77.7	76.7	76.8	77.1	77.0	76.5	76.2	76.9	77.4	76.9	77.4	77.5	77.0	77.4	77.2	77.6	77.8	77.8	77.3	77.1	77.1	76.9	77.2
24	77.1	76.9	76.6	76.5	76.2	76.6	76.4	75.6	75.4	76.1	76.0	76.0	75.9	76.0	75.9	75.9	75.9	76.0	76.0	76.0	75.9	75.6	75.7	75.8	76.1
25	75.8	75.7	75.5	75.3	75.4	75.5	75.4	75.3	75.2	75.1	75.1	75.2	75.3	75.8	75.9	75.8	76.1	76.0	75.9	75.7	75.9	75.7	75.8	75.9	75.6
26	75.3	74.9	74.4	74.2	74.0	74.0	74.1	74.1	74.2	74.3	74.9	75.4	76.0	76.5	76.1	76.7	77.2	77.6	77.4	77.2	76.8	76.6	76.2	75.8	75.6
27	75.1	75.1	75.1	74.7	74.1	73.8	73.8	74.3	74.3	74.3	74.9	74.9	75.1	75.5	76.1	76.3	76.6	76.5	76.4	75.9	75.5	75.5	75.2	74.8	75.2
28	74.5	73.9	73.6	73.4	73.4	73.3	73.3	73.3	73.5	74.1	75.0	75.2	75.6	75.6	75.8	75.8	76.1	76.2	76.2	76.1	76.1	75.9	76.0	75.9	74.9
29	75.7	75.3	75.7	75.6	75.4	75.3	75.0	74.6	74.3	75.4	75.2	76.5	77.0	77.0	76.8	76.5	76.7	76.5	76.5	76.1	75.6	75.4	74.9	75.4	75.8
30	75.2	75.0	74.6	74.7	74.6	74.6	75.4	75.5	75.2	74.9	75.6	75.8	75.8	76.5	76.6	76.7	76.8	76.8	76.2	75.7	75.5	75.0	75.1	75.6	75.6

Table 3.3 Hourly and daily average temperature (degrees F) at the Vernon Station Fishway during 1994 (continued).

July 1994																									
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	75.5	75.4	75.2	74.7	74.6	74.7	74.4	74.0	74.3	75.8	76.6	76.5	76.4	76.4	76.2	76.4	76.8	76.9	76.6	77.0	77.7	77.2	76.9	76.5	75.9
2	76.0	75.6	75.6	75.5	75.6	75.6	75.6	75.6	75.9	76.0	77.3	77.5	77.7	77.9	78.5	79.0	79.0	78.8	78.9	78.9	78.4	78.0	77.6	77.4	77.2
3	77.2	76.8	76.4	75.9	75.8	76.4	76.2	76.1	76.0	75.9	75.5	76.0	76.4	77.0	77.2	77.6	77.9	78.1	77.6	77.7	77.3	77.3	76.5	76.3	76.7
4	75.9	75.7	75.5	75.0	74.9	75.1	75.0	74.9	74.9	75.1	75.5	75.8	76.2	76.4	77.4	77.8	77.7	77.3	77.3	77.4	77.5	76.9	76.8	76.7	76.2
5	76.6	76.0	75.7	75.4	75.4	75.3	75.2	75.0	74.9	75.8	77.3	77.1	76.9	77.0	77.6	77.9	78.0	77.8	77.9	78.0	78.0	78.4	78.4	78.3	76.8
6	78.0	77.8	77.4	77.2	76.9	76.3	76.4	76.8	76.9	FISHWAY INOPERATIVE															77.1
7	FISHWAY INOPERATIVE																								
8	FISHWAY INOPERATIVE																								
9	FISHWAY INOPERATIVE																								
10	FISHWAY INOPERATIVE																								
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30	FISHWAY INOPERATIVE																								
31	FISHWAY INOPERATIVE																								

Table3.4 Summary of water quality data collected for Vermont Yankee from Station 7, Station 3, and Plant Discharge during 1994.

Parameter (Units in mg/L unless otherwise noted)	Location		
	Station 7	Station 3	Plant Discharge
Dissolved Oxygen	7.85 - 14.70	7.80 - 14.60	7.00 - 13.35
pH, Standard Units	7.1 - 7.9	7.2 - 7.8	7.2 - 8.1
Alkalinity as $CaCO_3$	19.0 - 46.0	20.0 - 41.0	21.0 - 46.0
Total Solids	55.0 - 290.0	65.0 - 132.0	65.0 - 189.0
Total Suspended Solids	1.1 - 160.0	1.2 - 42.0	1.1 - 34.0
Turbidity, NTU	0.7 - 3.0	0.6 - 2.8	0.8 - 2.5
Sodium	4.2 - 7.0	4.3 - 7.4	4.2 - 7.1
Chlorine	7.4 - 11.4	7.2 - 12.5	7.5 - 12.5
Sulfate	6.0 - 9.1	6.9 - 10.0	6.5 - 9.8
Copper	<0.004 - 0.009	<0.004 - <0.005	<0.004 - 0.024
Iron	0.09 - 0.78	0.08 - 1.24	0.14 - 1.14
Zinc	<0.004 - 0.062	<0.004 - 0.29	0.006 - 0.38
Calcium	8.7 - 16.7	---	---
Magnesium	1.18 - 1.91	---	---
Total Hardness	24.0 - 50.0	---	---
Total Phosphate	0.010 - 0.82	---	---

Inchcape Testing Services
Aquatec Laboratories

Laboratory Locations
55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

150 Herman Melville Boulevard
New Bedford, MA 02740

Analytical Report

Date: 11 November 1994
Aquatec Lab No.: 240193
ETR No.: 47721; Project No.: 94001
Sample Received On: 03 November 1994; Analyzed On: 04 November 1994
Sample Identification: Vermont Yankee Nuclear Power Corporation, liquid sample labeled Discharge, 11/02/94 at 1255 hours.

Volatile Organic Compounds in ug/l
EPA Method 8240

benzene	5 U	chloromethane	10 U
carbon tetrachloride	5 U	bromomethane	10 U
chlorobenzene	5 U	bromoform	5 U
1,2-dichloroethane	5 U	bromodichloromethane	5 U
1,1,1-trichloroethane	5 U	dibromochloromethane	5 U
1,1-dichloroethane	5 U	tetrachloroethene	5 U
1,1,2-trichloroethane	5 U	toluene	5 U
1,1,2,2-tetrachloroethane	5 U	trichloroethene	5 U
chloroethane	10 U	vinyl chloride	10 U
chloroform	5 U	acetone	10 U
1,1-dichloroethene	5 U	2-butanone	10 U
1,2-dichloroethenes	5 U	carbon disulfide	5 U
1,2-dichloropropane	5 U	2-hexanone	10 U
trans-1,3-dichloropropene	5 U	4-methyl-2-pentanone	10 U
cis-1,3-dichloropropene	5 U	styrene	5 U
ethylbenzene	5 U	vinyl acetate	10 U
methylene chloride	5 U	total xylenes	5 U
acrolein	10 U	acrylonitrile	10 U

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the method specified reporting limit.

J - The mass spectrum indicates the presence of the compound, but the calculated result is less than the method specified reporting limit.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

C - The result has been corrected for the presence of the compound in the blank.

Quality controls were analyzed with the sample as part of Aquatec's standard analytical procedures. The results of these are maintained on file at Aquatec.

Inchcape Testing Services
Aquatec Laboratories

Laboratory Locations
55 South Park Drive
Colchester, VT 05446

75 Green Mountain Drive
South Burlington, VT 05403

150 Herman Melville Boulevard
New Bedford, MA 02740

Analytical Report

Date: 23 November 1994
Aquatec Lab No.: 240193
ETR No.: 47721; Project No.: 94001
Sample Received On: 11/03/94; Extracted On: 11/08/94 Analyzed On: 11/18/94
Sample Identification: Vermont Yankee Nuclear Power Corporation, liquid sample labeled Discharge, 11/02/94 at 1255 hours.

Acid Extractable Semivolatile Organic Compounds in ug/l
EPA Method 8270

2,4,6-trichlorophenol	5 U
p-chloro-m-cresol	5 U
2-chlorophenol	5 U
2,4-dichlorophenol	5 U
2,4-dimethylphenol	5 U
2-nitrophenol	5 U
4-nitrophenol	5 U
2,4-dinitrophenol	5 U
4,6-dinitro-2-methylphenol	5 U
pentachlorophenol	5 U
phenol	5 U
benzoic acid	5 U
2-methylphenol	5 U
4-methylphenol	5 U
2,4,5-trichlorophenol	25 U

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the method specified reporting limit.

J - The mass spectrum indicates the presence of the compound, but the calculated result is less than the method specified reporting limit.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

C - The result has been corrected for the presence of the compound in the blank.

Quality controls were analyzed with the sample as part of Aquatec's standard analytical procedures. The results of these are maintained on file at Aquatec.

4.0 PLANKTON STUDIES

4.1 Phytoplankton Studies

Under the current NPDES permit, monthly phytoplankton collections were required from April through November at the intake and discharge when Vermont Yankee was operating in open or hybrid cycle. Phytoplankton were collected monthly at the intake and discharge from April through November of 1994.

4.1.1 Methods of Collection and Processing

Monthly phytoplankton samples were collected by bucket and concentrated by filtering 40 liters of sample water through a #20 (80 micron) mesh Wisconsin plankton net. Samples were analyzed immediately for living organisms using a Sedgewick-Rafter counting cell and a compound microscope at 150X magnification. Phytoplankton cells were classified as "live" if their chloroplasts were intact and healthy, or if the organism moved. The portion of each sample not immediately analyzed was preserved in 10% formalin for subsequent taxonomic confirmation. All organisms were identified to the lowest feasible taxonomic level. Bold and Wynne (1978), Davis (1955), Edmondson (1959), Patrick and Reimer (1966, 1975), Prescott (1962, 1970), and Vinyard (1979) were referred to for phytoplankton identifications.

4.1.2 Summary

Phytoplankton representing seven classes and 27 genera were observed in the 1994 Vermont Yankee intake and discharge samples (Table 4.1).

The proportion of phytoplankton classified as "live" was similar in the intake and discharge samples (Table 4.2). On an annual basis, an average of 96% and 94% of the intake and discharge specimens were live. The lowest average proportions of live specimens were observed in April when an average of 85% of the intake specimens were live and in May and July when an average of 87% of the discharge specimens were live. The dominant live organisms present were generally similar in intake and discharge samples (Table 4.2). Various species of diatoms (Bacillariophyceae) were the dominant organisms in most of the intake and discharge samples. *Melosira spp.* was the dominant organism during the months of May, June, July and August in the

intake. The discharge samples were comprised of predominantly *Asterionella spp.*, *Melosira spp.*, and *Fragilaria spp.* during the same time frame.

4.2 Zooplankton Studies

Under the 1991 NPDES permit, monthly zooplankton collections were required from April through November at the intake and discharge when Vermont Yankee was operating in open or hybrid cycle. Zooplankton were collected monthly at the intake and discharge from April through November of 1994.

4.2.1 Methods of Collection and Processing

Monthly zooplankton samples were collected by bucket, and concentrated by filtering 40 liters of sample water through a #20 (80 micron) mesh Wisconsin plankton net. Samples were analyzed immediately for living organisms using a Sedgewick-Rafter counting cell and a compound microscope at 150X magnification. Individuals were classified as "live" if they moved their appendages or internal organs within a one minute observation time. The portion of the sample not immediately analyzed was preserved in 10% formalin for subsequent taxonomic confirmation. Zooplankton were identified to the lowest feasible taxonomic level using Edmondson (1959), Pennak (1989), Stemberger (1979), and Ward and Whipple (1963) as references.

4.2.2 Summary

Zooplankton representing four phyla and 19 genera were observed in the 1994 Vermont Yankee intake and discharge samples (Table 4.3). Intake samples generally contained a higher proportion of live zooplankters than discharge samples (Table 4.4). On an annual basis, an average of 85% of the intake specimens were live, whereas 57% of the discharge specimens were live. The lowest proportions of live specimens were observed in June in intake samples (62%) and August in discharge samples (27%).

Rotifers were the dominant live organisms observed in 1994 in both the intake and discharge samples (Table 4.4). The rotifer, *Synchaeta spp.* was the dominant

organism in six of the 16 intake samples, rotifers were also the dominant taxa in 13 of the 16 discharge samples.

Table 4.1 Checklist of phytoplankton collected from the Connecticut River near Vernon, Vermont in 1994.

CYANOCHLORONTA
- Cyanophyceae
  - Chroococcales
    - Chroococcaceae
      - *Gomphosphaeria sp.*
  - Nostocales
    - Nostocaceae
      - *Anabaena sp.*
    - Oscillatoriaceae
      - *Oscillatoria sp.*

CHLOROPHYCOPHYTA
- Chlorophyceae
  - Volvocales
    - Volvocaceae
  - Chlorococcales
    - Chlorococcaceae
      - *Tetraedron sp.*
    - Oocystaceae
      - *Ankistrodesmus sp.*
    - Scenedesmaceae
      - *Actinastrum sp.*
      - *Scenedesmus sp.*
    - Hydrodictyaceae
      - *Pediastrum sp.*
  - Zygnematales
    - Zygnemataceae
      - *Mougeotia sp.*
      - *Spirogyra sp.*
    - Desmidiaceae
      - *Closterium sp.*
      - *Cosmarium sp.*
  - Oedogoniales
    - Oedogoniaceae
      - *Oedogonium sp.*
  - Ulotrichales
    - Ulotrichaceae
      - *Ulothrix sp.*

EUGLENOPHYCOPHYTA
- Euglenophyceae
  - Euglenales
    - Euglenaceae

CHRYSOPHYCOPHYTA
- Chrysophyceae
  - Ochromonadales
    - Dinobryaceae
      - *Dinobryon sp.*
    - Synuraceae
      - *Synura sp.*

BACILLARIOPHYCOPHYTA
- Bacillariophyceae
  - Fragilariales
    - Fragilariaceae
      - *Asterionella sp.*
      - *Fragilaria sp.*
      - *Synedra sp.*
      - *Tabellaria sp.*
  - Naviculales
    - Naviculaceae
      - *Gyrosigma sp.*
      - *Navicula sp.*
    - Cymbellaceae
      - *Cymbella sp.*
  - Coscinodiscales
    - Coscinodiscaceae
      - *Melosira sp.*

PYRROPHYCOPHYTA
- Dinophyceae
  - Peridiniales
    - Ceratiaceae
      - *Ceratium sp.*

CRYPTOPHYCOPHYTA

Table 4.2 Summary of phytoplankton entrainment at Vermont Yankee in 1994.

Intake				
Date	Collection	Units Counted	Percent Live	Dominant Live Organism(s)
04/25/94	15388	39	92	*Fragilaria sp.*
04/25/94	15389	47	79	*Fragilaria sp.*
05/16/94	15415	101	90	*Melosira sp.*
05/16/94	15416	78	88	*Melosira sp.*
06/14/94	15858	284	99	*Melosira sp.*
06/14/94	15859	130	98	*Melosira sp.*
07/12/94	15991	118	86	*Melosira sp.*
07/12/94	15992	122	90	*Melosira sp.*
08/11/94	16059	138	100	*Melosira sp.*
08/11/94	16060	121	100	*Melosira sp.*
09/12/94	16151	218	99	*Fragilaria sp.*
09/12/94	16152	210	86	*Fragilaria sp.*
10/18/94	16280	253	98	*Fragilaria sp.*
10/18/94	16281	249	99	*Fragilaria sp.*
11/01/94	16405	206	99	*Asterionella sp.*
11/01/94	16406	229	100	*Asterionella sp.*
	Total	2543	96	

Table 4.2 Summary of phytoplankton entrainment at Vermont Yankee in 1994 (continued).

Discharge				
Date	Collection	Units Counted	Percent Live	Dominant Live Organism(s)
04/25/94	15390	149	98	*Oscillatoria sp.*
04/25/94	15391	58	95	*Oscillatoria sp.*
05/16/94	15417	47	79	*Oscillatoria sp.*
05/16/94	15418	65	92	*Ulothrix sp.*
06/14/94	15860	79	89	*Asterionella sp.*
06/14/94	15861	94	97	*Asterionella sp.*
07/12/94	15993	88	88	*Asterionella sp.*
07/12/94	15994	42	86	*Melosira sp.*
08/11/94	16061	50	98	*Fragilaria sp.*
08/11/94	16062	40	95	*Melosira sp.*
09/12/94	16153	101	96	*Fragilaria sp.*
09/12/94	16154	104	95	*Fragilaria sp.*
10/18/94	16282	193	95	*Fragilaria sp.*
10/18/94	16283	171	96	*Oscillatoria sp.*
11/01/94	16407	64	92	*Asterionella sp.*
11/01/94	16408	66	92	*Asterionella sp.*
	Total	**1411**	**94**	

Table 4.3 Checklist of zooplankton collected from the Connecticut River near Vernon, Vermont in 1994.

- PROTOZOA
  - Sarcodina
    - Testacida
      - Difflugidae
        - *Difflugia sp.*
  - Ciliata
- NEMATODA
- ROTATORIA
  - Monogononta
    - Floscularíacea
      - Conochilidae
        - *Conochilus sp.*
        - *Conochilus unicornis*
      - Testudinellidae
        - *Filinia sp.*
    - Collothecacea
      - Collothecidae
        - *Collotheca sp.*
    - Ploima
      - Synchaetidae
        - *Polyarthra sp.*
        - *Synchaeta sp.*
      - Trichocercidae
        - *Trichocerca sp.*
      - Asplanchnidae
        - *Asplanchna sp.*
      - Brachionidae
        - *Brachionus sp.*
        - *Euchlanis sp.*
        - *Keratella sp.*
        - *Lecane sp.*
        - *Lepadella sp.*
        - *Monostyla sp.*
        - *Notholca sp.*
        - *Platyias sp.*
        - *Trichotria sp.*
- ARTHROPODA
  - Crustacea
    - Cladocera
      - Ostracoda
    - Eucopepoda
    - Copepoda
      - Copepoda nauplii
  - Insecta
    - Diptera
      - Chironomidae

Table 4.4 Summary of zooplankton entrainment at Vermont Yankee in 1994.

Intake				
Date	Collection	Units Counted	Percent Live	Dominant Live Organism(s)
04/26/94	15393	9	67	PROTOZOA /Diptera
04/26/94	15394	13	69	Copepoda
05/17/94	15464	20	80	PROTOZOA
05/17/94	15465	17	76	ROTATORIA
06/15/94	15862	33	70	*Synchaeta sp.*
06/15/94	15863	35	54	*Synchaeta sp.*
07/13/94	15995	35	89	Cladocera
07/13/94	15996	73	89	Cladocera
08/10/94	16055	69	94	*Synchaeta sp.*
08/10/94	16056	52	98	*Synchaeta sp.*
09/13/94	16155	32	88	ROTATORIA
09/13/94	16156	42	86	ROTATORIA
10/19/94	16284	22	86	*Synchaeta sp.*
10/19/94	16285	20	90	*Synchaeta sp.*
11/02/94	16409	33	88	ROTATORIA
11/02/94	16410	32	88	ROTATORIA
	Total	**537**	**85**	

Table 4.4 Summary of zooplankton entrainment at Vermont Yankee, 1994 (continued).

Discharge				
Date	Collection	Units Counted	Percent Live	Dominant Live Organism(s)
04/26/94	15395	11	64	*Trichotria sp.* /Copepoda nauplii
04/26/94	15396	7	57	ROTATORIA
05/17/94	15462	21	62	PROTOZOA /Copepoda
05/17/94	15463	12	50	ROTATORIA
06/15/94	15864	31	52	Copepoda nauplii /Copepoda
06/15/94	15865	16	56	*Keratella sp.*
07/13/94	15997	19	58	Cladocera
07/13/94	15998	32	31	*Keratella sp.* /ROTATORIA
08/10/94	16057	45	20	PROTOZOA /Ciliata /*Synchaeta sp.*/Copepoda nauplii
08/10/94	16058	26	38	*Synchaeta sp.*
09/13/94	16157	74	69	ROTATORIA
09/13/94	16158	41	73	*Synchaeta sp.* /ROTATORIA
10/19/94	16286	25	76	*Synchaeta sp.*
10/19/94	16287	22	59	ROTATORIA
11/02/94	16411	23	87	ROTATORIA
11/02/94	16412	21	67	*Keratella sp.*
	Total	**426**	**57**	

5.0 MACROINVERTEBRATE STUDIES

As specified by the conditions of Vermont Yankee's NPDES permit, benthic macroinvertebrates were sampled in 1994 by Ekman dredge in June, August, and October at Stations 2, 3, 4, and 5. Also, a total of eight cage samples were collected during 1994; two cages at each of the same stations where Ekman dredge samples were collected.

5.1 Methods of Collection and Processing

Macroinvertebrates were collected with a nine inch (81 square inches) Ekman dredge. Ekman dredge samples were taken in June, August, and October at river quarter points (Vermont, mid-stream, and New Hampshire) of each station. Each dredge sample consisted of three Ekman dredge hauls.

Cage samples were made from modified minnow traps (1/4 inch wire mesh) filled with clean rocks (2-3 inches in diameter) obtained from the river. Duplicate cage samplers were set near the Vermont shore of Stations 2, 3, 4, and 5 in June and August. One cage set in June at each of these stations was recovered in August, after 55 days in the river. One cage set in August at each of these stations was retrieved in October, after 48 - 50 days in the river. Immediately upon their retrieval, each of the eight cages were placed in washpans containing river water, opened, and organisms removed.

Materials collected in the field by Ekman dredge or cage samplers were concentrated through standard sieves to reduce the amount of debris. Large debris and rocks retained by the sieves were washed and thoroughly examined for attached organisms before discarding. A #30 (600 micron) USGS standard sieve was used to concentrate the final portion of the sample. Material retained by this sieve was preserved in a 70% alcohol solution.

In the laboratory, preserved samples were examined under low magnification (2x-8x) in glass pans and organisms were separated from sample debris. If the sample

contained large numbers (e.g. >100) of chironomid larvae, the total number of larvae was determined and a subsample of these organisms was identified below the family level. Bryozoans, which were quantified by their relative abundance in a sample (light, moderate, or heavy), were not included in the macroinvertebrate summaries.

Identification of organisms to the lowest feasible taxonomic level was accomplished using a dissecting microscope (8-80x) and a compound microscope (100-1000x). Representative subsamples of chironomid larvae were mounted on slides using a clear mountant and examined under higher magnifications (80-1000x). Identification and taxonomic classification of the invertebrates were consistent with Pennak (1989), Merritt and Cummins (1984), or Peckarsky et al. (1990). Identifications were supplemented with the following keys: Burks (1975), Wiggins (1978), and Simpson and Bode (1980).

5.2 Summary

During 1994, 108 Ekman dredge samples and eight cage samples were completely processed. From these samples, 15,321 macroinvertebrates were identified, representing seven invertebrate phyla (Table 5.1). Organisms collected by dredge and cage samplers comprised 67% and 33% of the total, respectively (Tables 5.2 and 5.3).

Dipterans and oligochaetes were relatively more abundant in Ekman dredge samples than in cage samples, whereas trichopterans (caddisflies) were relatively more abundant in cage samples than Ekman samples (Figure 5.1). The relative abundance of ephemeropterans was higher in cage samples as compared to dredge samples. More than 80% of the organisms collected by Ekman dredge were dipterans, oligochaetes, or trichopterans. The organisms collected from the cage samplers were predominantly dipterans and trichopterans.

The composition of macroinvertebrates in Ekman dredge samples was similar at Stations 4 and 5; oligochaetes (31% and 22%), pelecypods (6% and 13%), and

dipterans (53% and 51%) were the dominant taxa collected at both stations. The composition of macroinvertebrates in Ekman samples from Stations 2 and 3 were also similar; dipterans (66% and 60%), oligochaetes (15% and 13%) at Station 2 and Station 3. More than twice as many organisms were collected from Ekman dredge samples at Station 2 (3,893) than from Station 3 (1,937). Oligochaetes were more dominant in the soft sediments of upstream Ekman samples, whereas trichopterans were more dominant in downstream Ekman samples. Triclads were completely absent from all Ekman samples collected in 1994.

Macroinvertebrates found in the Station 4 cage samples were predominantly trichopterans and dipterans (Table 5.3). At Station 5, dipterans, trichopterans and ephemeropterans dominated the collection, representing 70% of the total (Table 5.3). More than twice as many organisms were collected from Station 4 (2,379) than from Station 5 (897). Most taxa were in greater relative abundance at Station 2 than at Station 3. At Station 2, dipterans, trichoperans and ephemeropterans dominated the cage samples. Triclads were completely absent from Station 2 cage samples (Table 5.3).

Although it is not part of the NPDES permit, additional sampling was conducted for zebra mussels and asiatic clams. There were no zebra mussels or asiatic clams found in the 72 plankton net, 14 substrate, and 36 benthic grab samples collected in 1994.

Table 5.1 Checklist of macroinvertebrates collected from the Connecticut River near Vernon, Vermont in 1994.

COELENTERATA
- Hydrozoa
  - Hydroida
    - Hydridae
      - *Hydra sp.*

PLATYHELMINTHES
- Turbellaria
  - Tricladida
    - Planariidae
      - *Dugesia tigrina*

NEMATODA

BRYOZOA
- Gymnolaemata
  - Ctenostomata
    - Paludicellidae
      - *Paludicella sp.*
      - *Paludicella articulata*
- Phylactolaemata
  - Cristatellidae
    - *Cristatella sp.*
    - *Cristatella mucedo*
  - Plumatellidae
    - *Hyalinella sp.*
    - *Plumatella sp.*
  - Lophopodidae
    - *Lophopodella sp.*
    - *Lophopodella carteri*

ANNELIDA
- Hirudinea
  - Rhynchobdellida
    - Glossiphonidae
      - *Helobdella sp.*
- Oligochaeta
  - Tubificida
    - Naididae
      - *Ophidonais serpentina*
      - *Pristina sp.*
      - *Stylaria sp.*
    - Tubificidae
      - *Branchiura sp.*
      - *Branchiura sowerbyi*
- Polychaeta
  - Sabellida
    - Sabellidae
      - *Manayunkia speciosa*

ARTHROPODA
- Arachnoidea
  - Acariformes
    - Arrenuridae
    - Unionicolidae
      - *Neumania sp.*
- Crustacea
  - Cladocera
    - Daphnidae
      - *Daphnia sp.*
    - Sididae
      - *Sida crystallina*
    - Polyphemidae
  - Cyclopoida
  - Isopoda
    - Asellidae
      - *Caecidotea sp.*
      - *Lirceus sp.*
  - Amphipoda
    - Gammaridae
      - *Crangonyx sp.*
      - *Gammarus sp.*
    - Talitridae
      - *Hyalella sp.*
      - *Hyalella azteca*
  - Decapoda
    - Cambaridae
      - Cambarinae
        - *Orconectes sp.*
  - Ostracoda
- Insecta
  - Plecoptera
    - Taeniopterygidae
      - *Taeniopteryx sp.*
    - Perlidae
      - *Acroneuria sp.*

Table 5.1 Checklist of macroinvertebrates collected from the Connecticut River near Vernon, Vermont in 1994 (continued).

- Ephemeroptera
  - Baetidae
    - *Baetis sp.*
  - Caenidae
    - *Caenis sp.*
  - Ephemerellidae
    - *Attenella sp.*
    - *Ephemerella sp.*
    - *Eurylophella sp.*
  - Ephemeridae
    - *Hexagenia sp.*
    - *Hexagenia limbata*
  - Heptageniidae
    - *Heptagenia sp.*
    - *Leucrocuta sp.*
    - *Stenacron sp.*
    - *Stenonema sp.*
  - Polymitarcidae
    - *Ephoron sp.*
  - Siphlonuridae
    - *Siphlonurus sp.*
  - Tricorythidae
    - *Tricorythodes sp.*
- Odonata
  - Aeschnidae
    - *Boyeria sp.*
  - Aeshnidae
  - Coenagrionidae
    - *Argia sp.*
    - *Enallagma sp.*
  - Corduliidae
  - Gomphidae
    - *Gomphus sp.*
    - *Erpetogomphus designatus*
  - Lestidae
  - Libellulidae
  - Macromiidae
    - *Macromia sp.*
- Megaloptera
  - Corydalidae
    - *Chauliodes sp.*
  - Sialidae
    - *Sialis sp.*
- Neuroptera
  - Sisyridae
    - *Climacia sp.*
- Trichoptera
  - Hydropsychidae
    - *Cheumatopsyche sp.*
    - *Hydropsyche sp.*
    - *Macrostemum sp.*
    - *Symphitopsyche sp.*
  - Hydroptilidae
    - *Neotrichia sp.*
    - Hydroptilinae
      - *Agraylea sp.*
      - *Hydroptila sp.*
      - *Oxyethira sp.*
    - Orthotrichiinae
      - *Orthotrichia sp.*
  - Lepidostomatidae
  - Leptoceridae
    - *Ceraclea sp.*
    - *Leptocerus sp.*
    - *Mystacides sp.*
    - *Nectopsyche sp.*
    - *Oecetis sp.*
    - *Triaenodes sp.*
  - Limnephilidae
    - *Pycnopsyche sp.*
  - Molannidae
    - *Molanna sp.*
  - Polycentropodidae
    - *Cernotina sp.*
    - *Cyrnellus sp.*
    - *Neureclipsis sp.*
    - *Phylocentropus sp.*
    - *Polycentropus sp.*
- Coleoptera
  - Elmidae
    - *Cylloepus sp.*
    - *Dubiraphia sp.*

Table 5.1 Checklist of macroinvertebrates collected from the Connecticut River near Vernon, Vermont in 1994 (continued).

Macronychus sp.
Microcylloepus sp.
Neoelmis sp.
Optioservus sp.
Promoresia sp.
Stenelmis sp.
Gyrinidae
Dineutes sp.
Hydrophilidae
Berosus sp.
Helophorus sp.
Psephenidae
Psephenus sp.
Psephenus herricki
Diptera
Ceratopogonidae
Mallochohella sp.
Culicoidinae
Bezzia sp.
Probezzia sp.
Chaoboridae
Chaoborus sp.
Chironomidae
Tanypodinae
Ablabesmyia sp.
Clinotanypus sp.
Coelotanypus sp.
Conchapelopia sp.
Natarsia sp.
Procladius sp.
Rheopelopia sp.
Diamesinae
Potthastia longimanus
Prodiamesinae
Monodiamesa sp.
Orthocladiinae
Acricotopus sp.
Cricotopus sp.
Doncricotopus sp.
Orthocladius sp.
Parorthocladius sp.
Psectrocladius sp.
Synorthocladius sp.
Xylotopus sp.
Chironominae
Asheum sp.
Axarus sp.
Chironomus sp.
Cladotanytarsus sp.
Constempellina sp.
Cryptochironomus sp.
Cryptotendipes sp.
Demicryptochironomus sp.
Dicrotendipes sp.
Endochironomus sp.
Glyptotendipes sp.
Harnischia sp.
Microtendipes sp.
Nilothauma sp.
Pagastiella sp.
Parachironomus sp.
Paralauterborniella sp.
Paratanytarsus sp.
Paratendipes sp.
Phaenopsectra sp.
Polypedilum sp.
Pseudochironomus sp.
Stempellina sp.
Stempellinella sp.
Stenochironomus sp.
Stictochironomus sp.
Sublettea sp.
Tanytarsus sp.
Tribelos sp.
Xenochironomus sp.
Zavrelia sp.
Culicidae
Empididae
Hemerodromia sp.
Simuliidae
Simulium sp.
Tabanidae

Table 5.1 Checklist of macroinvertebrates collected from the Connecticut River near Vernon, Vermont in 1994 (continued).

- Hemiptera
- Homoptera
  - Aphididae
- MOLLUSCA
  - Gastropoda
    - Basommatophora
      - Ancylidae
        - *Ferrissia sp.*
        - *Ferrissia fragilis*
        - *Ferrissia parallelus*
      - Physidae
        - *Physa sp.*
      - Planorbidae
        - *Helisoma sp.*
        - *Planorbella sp.*
    - Mesogastropoda
      - Hydrobiidae
        - *Amnicola sp.*
        - *Amnicola limosa*
  - Pelecypoda
    - Prionodesmacea
      - Sphaeriidae
        - *Musculium sp.*
        - *Pisidium sp.*
        - *Sphaerium sp.*
        - *Sphaerium rhomboidium*
      - Unionidae
        - *Elliptio sp.*
        - *Elliptio complanata*

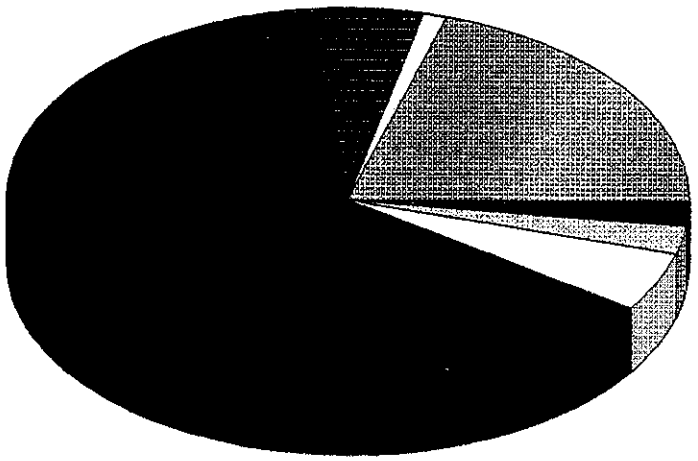
Tables 5.2 Composition of macroinvertebrates collected by Ekman dredge in1994.

	Downstream of Vernon Dam				Upstream of Vernon Dam			
	Station 2		Station 3		Station 4		Station 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
Hydrozoa	0	0.0	3	0.2	0	0.0	0	0.0
Tricladida	0	0.0	0	0.0	0	0.0	0	0.0
Oligochaeta	516	15.2	249	12.9	925	31.1	298	20.6
Crustacea	29	0.9	35	1.8	41	1.4	7	0.5
Ephemeroptera	156	4.6	104	5.4	114	3.8	122	8.4
Trichoptera	202	6.0	213	11.4	69	2.3	29	2.0
Diptera	2237	65.9	1169	60.4	1589	53.4	734	50.6
Pelecypoda	552	1.5	85	4.4	169	5.7	183	12.6
Gastropoda	168	5.0	19	1.0	32	1.1	11	0.8
Other	33	1.0	60	3.1	39	1.3	66	4.6
Totals	**3893**	**100**	**1937**	**100**	**2978**	**100**	**1450**	**100**

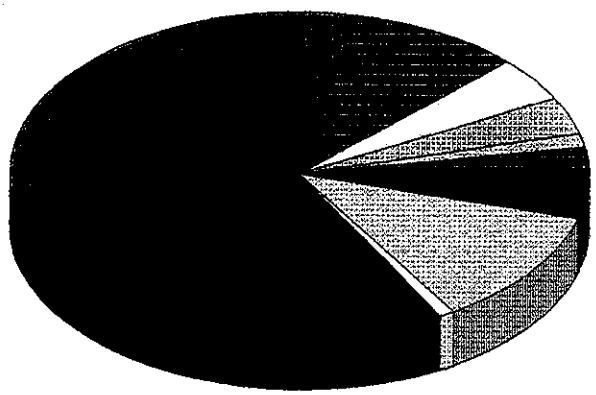
Tables 5.3 Composition of macroinvertebrates collected by cage sampler in 1994.

	Downstream of Vernon Dam				Upstream of Vernon Dam			
	Station 2		Station 3		Station 4		Station 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
Hydrozoa	1	0.1	130	19.1	8	0.3	4	0.4
Tricladida	0	0.0	8	1.2	42	1.8	20	2.2
Oligochaeta	25	2.3	0	0.0	132	5.5	30	3.3
Crustacea	38	3.4	30	4.4	142	6.0	15	1.7
Ephemeroptera	207	18.7	25	3.7	131	5.5	126	14.0
Trichoptera	437	39.5	98	14.4	717	30.1	246	27.4
Diptera	307	27.7	271	39.9	641	26.9	378	42.1
Pelecypoda	1	0.1	4	0.6	12	0.5	28	3.1
Gastropoda	18	1.6	74	10.9	476	20.0	22	2.5
Other	73	6.6	40	5.9	78	3.3	28	3.1
Totals	**1107**	**100**	**680**	**100**	**2379**	**100**	**897**	**100**

Ekman Dredge



Cage Sampler



Hydrozoa | Tricladida | Oligochaeta | Crustacea | Ephemeroptera
Trichoptera | Diptera | Pelecypoda | Gastropoda | Other

Figure 5.1 Composition of macroinvertebrates by sampling gear, 1994.

6.0 FISH STUDIES

Fish were collected in 1994 on a defined schedule and at specified stations in accordance with Vermont Yankee's permit. Fish collected were weighed and measured, and scales from selected game species were removed for age determination. Monitoring of fish impingement on the circulating water traveling screens was conducted April through June, and August through October. Larval fish were monitored weekly at the intake during open or hybrid cycle operation, from 1 May to 15 July.

6.1 Methods of Collection and Processing

Fish were collected in 1994 by trapnets and electrofishing. The required monthly sets of trapnets were made at the eight designated stations near Vermont Yankee (Figures 1.1 and 6.1). Trapnets were constructed of a steel frame covered with a 1.3 cm knotless bar mesh nylon with a 1 meter by 2 meter front opening. Each net had two 8 meter wings and leads approximately 33 meters long. The nets were checked daily for two consecutive days at each sample location during each set.

Electrofishing was conducted in the evening beginning around dusk at the eight designated stations. Electrofishing utilized a boat-mounted Coffelt Electronics Model VVP-15 electroshocker. Samples of fish were collected in accordance with the permit. Also, 126 electrofishing collections were made in 1994 to collect juvenile American shad.

The standard procedure for processing fish was to weigh and measure the total length of each fish captured. When a large number of fish were captured during standard electrofishing, the sample was separated and subsampled by species, while the remaining fish of that species were weighed collectively.

Representative scale samples for annuli enumerations were taken from five resident species: white perch, yellow perch, walleye, smallmouth bass, and largemouth bass. White perch scales were taken dorsal to the lateral line and below the insertion

of the dorsal fin. Scale samples from other species were taken ventral to the lateral line near the tip of the pectoral fin.

Fish impinged on the circulating water traveling screens (CWTS) were sampled weekly from 1 April through 15 June and from 1 August through 31 October during plant operation in the open or hybrid cycle mode. Weekly sampling of all operating CWTS consisted of backwashing the screens into a collection bin. The debris was examined for Atlantic salmon and American shad. The screens were again backwashed after approximately 24 hours and collected debris examined for all species of fish. Fish impinged on traveling screens during the 24 hour sample were preserved and later individually weighed and measured. Anytime an Atlantic salmon or juvenile American shad was impinged, the CWTS sampling was continued daily until a period of three consecutive days elapsed without further impingement of Atlantic salmon or American shad. Sampling then reverted back to a weekly frequency.

Ichthyoplankton samples were collected with a one-half meter conical Nitex nylon plankton net. Mesh size was 363 microns, providing a 46% open area in the net body. A 114 mm diameter straining bucket covered with 369 micron mesh (stainless steel or Nitex) was affixed to the cod-end. Flow through the net was determined with an Interocean Systems Model 313 recording flow meter.

Sampling of ichthyoplankton at the Vermont Yankee intake was accomplished by pushed nets attached to rigid structures on a boat. Samples were collected weekly from 1 May through 15 July and consisted of a sample at the surface, mid-depth, and bottom strata.

Retrieved nets were washed immediately and the contents preserved in 5% formalin. Ichthyoplankters were later separated from debris using an 8X to 80X variable magnification dissecting microscope. Larval fish were identified to the lowest feasible taxonomic level with the aid of published larval keys: Norden (1961), Mansueti and

Hardy (1967), Lippson and Moran (1974), Hogue and Buchanan (1976), Jones et al. (1978), Wang and Kernehan (1979), and Auer (1982).

6.2 Summary

6.2.1 Fish

Twenty-four species of fish were identified in fish collections obtained in 1994 (Table 6.1). No new species were identified for 1994.

There were 229 juvenile/adult fish collections made in 1994 to meet the conditions of the resident fish permit requirements. Forty-four electrofishing collections at the eleven stations yielded 1,470 fish (Table 6.2). The average catch per unit effort (CPE) was 120 fish per hour.

Trapnet collections represented about half of the collections, 112 total. These trapnets were set for a total of 2,409 hours and yielded 1,351 fish. The average trapnet CPE for 1994 was 0.6 fish per hour.

The remaining fishing effort for compliance with the resident fish permit requirements was at the Vermont Yankee intake's circulating water traveling screens. A total of 73 collections yielded 2,504 fish. The average CPE for 1994 was 0.6 fish per hour. The total number of samples and methods employed fulfilled the permit fish sampling requirements for 1994.

There were a total of 5,325 fish collected in 1994 (Table 6.3). Numerically, the most common fishes were yellow perch, spottail shiner, rock bass, bluegill, and pumpkinseed comprising 26.7, 14.7, 13.6, 8.0, and 6.3 percent, respectively. Biomass was comprised mainly of white suckers (32.4%), common carp (10.8%), yellow perch (10.5%), smallmouth bass (8.4%), largemouth bass (7.6%), and rock bass (7.4%).

Upstream of Vernon Dam (lower Vernon pool), yellow perch accounted for almost one third of all fish captured (31%) (Table 6.4). Other numerically abundant

species included spottail shiner (15.3%), rock bass (10.1%), bluegill (8.6%), and pumpkinseed (6.9%). American shad (juveniles) were captured in the lower Vernon pool and represented less than one percent of the upstream catch. Northern pike (8) and chain pickerel (45), were both captured in 1994. Three species of fish, white suckers, yellow perch, and largemouth bass accounted for more than one-half of the fish biomass collected upstream.

Downstream of Vernon Dam (upper Turners Falls pool) rock bass was numerically the most common fish collected (274 fish), representing approximately 30 percent of the catch (Table 6.5). Smallmouth bass (17.2%) and spottail shiner (11.7%) were well represented, with 157 smallmouths being sampled. Other numerically important species consisted of white sucker (9.2%), yellow perch (5.8%), and American shad (5.3%). White suckers, smallmouth bass, rock bass and common carp were the largest contributors to the total biomass captured, representing 35.5, 19.1, 13.9 and 11.9 percent, of the total respectively.

Age determinations were examined for white perch, yellow perch, walleye, smallmouth bass, and largemouth bass (Tables 6.6, 6.7, 6.8, 6.9, and 6.10).

6.2.2 Impingement

Impingement samples were collected from April through mid June, and August through October (Table 6.11). Twenty-one Atlantic salmon smolts were captured on the circulating water traveling screens (CWTS). These smolts were collected on eleven separate occasions, the first time on 8 April and the last time on 8 June. Six American shad (juvenile) were impinged on the circulating water traveling screens in 1994.

Resident fish impinged during nominal 24-hour impingement collections yielded 2,504 fish which consisted predominantly of spottail shiner, yellow perch, rock bass, and *Lepomis sp.* with numerical percentages of 23.5, 22.5, 14.5 and 8.1 of the total respectively. Twenty-four separate species were impinged on the CWTS during 1994.

6.2.3 Ichthyoplankton

A total of 33 ichthyoplankton samples were collected in front of the Vermont Yankee intake structure (Table 6.12). The collections were taken over an eleven week period. A total of 1832 ichthyoplankton were identified (Table 6.13). *Notropis* spp. (minnows) accounted for 91 percent of these ichthyoplankters while white perch represented 6 percent of the total. *Lepomis spp.*, yellow perch, common carp, bluegill, and walleye were also collected in samples in 1994.

Notropis spp. were collected at all three depths although surface samples (0.3m) contained 95 percent of this species (Table 6.14). Approximately 57% of the *Lepomis spp.* were captured in surface (0.3m) samples. White perch were generally found in deeper strata, 1.8m and 3.7m, representing 50% and 36%, of those samples respectively.

Yellow perch were the earliest ichthyoplankton captured (11 May), while *Notropis spp.* and *Lepomis spp.* were the latest (13 July). White perch were the most widely represented species temporally being collected during 7 of the 11 weeks (Table 6.14).

Table 6.1 Checklist of fishes collected from the Connecticut River near Vernon Vermont in1994.

CHORDATA	
CEPHALASPIDOMORPHI	
PETROMYZONTIFORMES	
Petromyzontidae	
Petromyzon marinus Linnaeus	Sea Lamprey
OSTEICHTHYES	
ANGUILLIFORMES	
Anguillidae	
Anguilla rostrata (Lesueur)	American Eel
CLUPEIFORMES	
Clupeidae	
Alosa sapidissima (Wilson)	American Shad
SALMONIFORMES	
Salmonidae	
Salmo salar Linnaeus	Atlantic Salmon
Salmo trutta Linnaeus	Brown Trout
Osmeridae	
Osmerus mordax (Mitchill)	Rainbow Smelt
Esocidae	
Esox lucius Linnaeus	Northern Pike
Esox niger Lesueur	Chain Pickerel
CYPRINIFORMES	
Cyprinidae	
Cyprinus carpio Linnaeus	Common Carp
Notemigonus crysoleucas (Mitchill)	Golden Shiner
Notropis hudsonius (Clinton)	Spottail Shiner
Notropis volucellus (Cope)	Mimic Shiner
Semotilus corporalis (Mitchill)	Fallfish
Catostomidae	
Catostomus commersoni (Lacepede)	White Sucker
SILURIFORMES	
Ictaluridae	
Ameiurus natalis (Lesueur)	Yellow Bullhead
Ameiurus nebulosus (Lesueur)	Brown Bullhead
PERCIFORMES	
Percichthyidae	
Morone americana (Gmelin)	White Perch
Centrarchidae	
Ambloplites rupestris (Rafinesque)	Rock Bass
Lepomis gibbosus (Linnaeus)	Pumpkinseed
Lepomis macrochirus Rafinesque	Bluegill
Micropterus dolomieu Lacepede	Smallmouth Bass
Micropterus salmoides (Lacepede)	Largemouth Bass
Percidae	
Perca flavescens (Mitchill)	Yellow Perch
Stizostedion vitreum (Mitchill)	Walleye

Table 6.2 Electrofishing and trapnet fishing effort conducted for Section I of the NPDES permit in 1994. CPE - catch per unit effort as number of fish per hour.

Station	Electrofishing			
	Number of Collections	Hours	Fish	CPE
0.1 Miles South of Vernon Dam	4	0.9	82	87.9
New Hampshire Setback	4	0.9	244	281.5
Rum Point	4	1.0	118	119.0
Station 2	4	1.3	61	45.8
Station 3	4	1.0	73	75.5
Station 4-New Hampshire	4	1.1	188	165.9
Station 4-Vermont	4	1.0	192	192.0
Station 5-New Hampshire	4	1.3	129	99.2
Station 5-Vermont	4	1.2	152	124.9
Stebbin Island-New Hampshire Side	4	1.2	107	89.2
Stebbin Island-Vermont Side	4	1.4	124	91.9
Total	**44**	**12.3**	**1,470**	**119.6**

Station	Trapnet			
	Number of Collections	Hours	Fish	CPE
0.1 Miles South of Vernon Dam	8	176.7	32	0.2
Station 2	16	337.5	84	0.2
New Hampshire Setback	8	171.1	261	1.5
Rum Point	8	171.4	87	0.5
Station 3	8	166.0	182	1.1
Station 4-New Hampshire	16	344.0	256	0.7
Station 4-Vermont	16	349.1	96	0.3
Station 5-New Hampshire	8	171.5	142	0.8
Station 5-Vermont	8	170.6	45	0.3
Stebbin Island-New Hampshire Side	8	174.9	80	0.5
Stebbin Island-Vermont Side	8	176.0	86	0.5
Total	**112**	**2,408.7**	**1,351**	**0.6**

Table 6.3 Numbers and weights of fishes collected upstream and downstream of Vernon Dam in 1994.

Species	Total (#)	Number (%)	Total Weight (g)	Weight (%)
Sea Lamprey	81	1.5	1,020	0.1
American Eel	14	0.3	7,927	1.1
American Shad	56	1.1	1,116	0.2
Atlantic Salmon	21	0.4	965	0.1
Brown Trout	1	0.0	6	0.0
Rainbow Smelt	1	0.0	4	0.0
Northern Pike	15	0.3	13,664	1.9
Chain Pickerel	53	1.0	11,207	1.6
Common Carp	19	0.4	77,265	10.8
Golden Shiner	128	2.4	4,364	0.6
Notropis sp.	119	2.2	455	0.1
Spottail Shiner	782	14.7	3,946	0.6
Mimic Shiner	27	0.5	25	0.0
Fallfish	28	0.5	5,445	0.8
White Sucker	239	4.5	231,145	32.4
Yellow Bullhead	59	1.1	4,311	0.6
Brown Bullhead	93	1.7	11,933	1.7
White Perch	57	1.1	16,861	2.4
Rock Bass	722	13.6	52,817	7.4
Lepomis sp.	215	4.0	408	0.1
Pumpkinseed	337	6.3	24,097	3.4
Bluegill	424	8.0	35,922	5.0
Smallmouth Bass	290	5.4	59,815	8.4
Largemouth Bass	73	1.4	54,482	7.6
Yellow Perch	1,420	26.7	74,981	10.5
Walleye	51	1.0	18,990	2.7
Total	**5,325**	**100**	**713,171**	**100**

Table 6.4 Numbers and weights of fishes captured upstream of Vernon Dam in 1994. CWTS - circulating water traveling screen.

	CWTS		Electrofishing		Trapnet		Summary			
		Total Weight		Total Weight		Total Weight	Total	Number	Total	Weight
Species	Number	(g)	Number	(g)	Number	(g)	(#)	(%)	(g)	(%)
Sea Lamprey	80	284					80	1.8	284	0.1
American Eel			4	3,186	1	1,686	5	0.1	4,872	1.0
American Shad	6	26	2	34			8	0.2	60	0.0
Atlantic Salmon	21	965					21	0.5	965	0.2
Brown Trout	1	6					1	0.0	6	0.0
Rainbow Smelt	1	4					1	0.0	4	0.0
Northern Pike	4	1,633	2	1,116	2	1,726	8	0.2	4,475	0.9
Chain Pickerel	13	914	4	1,377	28	6,773	45	1.0	9,064	1.9
Common Carp	1	86	7	32,941	5	15,614	13	0.3	48,641	10.3
Golden Shiner	44	961	41	2,394	36	742	121	3.7	4,097	0.9
Notropis sp.	111	435					111	2.5	435	0.1
Spottail Shiner	588	2,486	85	517	2	14	675	15.3	3,017	0.6
Mimic Shiner	4	3	17	16			21	0.5	19	0.0
White Sucker	6	1,066	108	104,348	41	40,179	155	3.5	145,593	30.8
Yellow Bullhead	48	968	4	943	7	2,400	59	1.3	4,311	0.9
Brown Bullhead	58	1,414	8	3,132	27	7,387	93	2.1	11,933	2.5
White Perch	3	1,106	34	8,804	16	5,581	53	1.2	15,491	3.3
Rock Bass	364	10,714	5	647	79	7,875	448	10.1	19,236	4.1
Lepomis sp.	203	376	12	32			215	4.9	408	0.1
Pumpkinseed	79	2,396	97	8,603	128	11,036	304	6.9	22,035	4.7
Bluegill	186	11,110	118	13,548	75	6,217	379	8.6	30,875	6.5
Smallmouth Bass	106	1,894	11	5,137	16	6,838	133	3.0	13,869	2.9
Largemouth Bass	5	63	58	51,032	4	2,409	67	1.5	53,504	11.3
Yellow Perch	563	11,688	394	21,057	410	36,870	1,367	31.0	69,615	14.7
Walleye	9	214	12	4,500	10	4,707	31	0.7	9,421	2.0
Total	2,504	50,812	1,023	263,364	887	158,054	4,414		472,230	

Table 6.5 Numbers and weights of fishes captured downstream of Vernon Dam in 1994.

	Electrofishing		Trapnet		Summary			
Species	Number	Total Weight (g)	Number	Total Weight (g)	Total (#)	Number (%)	Total (g)	Weight (%)
Sea Lamprey			1	736	1	0.1	736	0.3
American Eel	7	2,230	2	825	9	1.0	3,055	1.3
American Shad	44	1,034	4	22	48	5.3	1,056	0.4
Northern Pike	6	4,666	1	4,523	7	0.8	9,189	3.8
Chain Pickerel	2	522	6	1,621	8	0.9	2,143	0.9
Common Carp	4	13,290	2	15,334	6	0.7	28,624	11.9
Golden Shiner	4	171	3	96	7	0.8	267	0.1
Notropis sp.	8	20			8	0.9	20	0.0
Spottail Shiner	60	432	47	497	107	11.7	929	0.4
Mimic Shiner	6	6			6	0.7	6	0.0
Fallfish	27	5,001	1	444	28	3.1	5,445	2.3
White Sucker	71	73,742	13	11,810	84	9.2	85,552	35.5
White Perch			4	1,370	4	0.4	1,370	0.6
Rock Bass	37	5,915	237	27,666	274	30.1	33,581	13.9
Pumpkinseed	4	262	29	1,800	33	3.6	2,062	0.9
Bluegill	28	3,268	17	1,779	45	4.9	5,047	2.1
Smallmouth Bass	109	29,429	48	16,517	157	17.2	45,946	19.1
Largemouth Bass	3	906	3	72	6	0.7	978	0.4
Yellow Perch	18	2,520	35	2,846	53	5.8	5,366	2.2
Walleye	9	4,082	11	5,487	20	2.2	9,569	4.0
Total	447	147,496	464	93,445	911		240,941	

Table 6.6 Age-specific length and weight statistics for white perch collected in 1994.

Upstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	6	84	9	74 - 97	9	4	4 - 16
1	2	160	6	156 - 164	53	11	45 - 61
2	2	203	36	177 - 228	121	76	67 - 174
3	6	264	12	245 - 279	279	47	217 - 362
4	21	285	8	272 - 303	351	53	210 - 439
5	7	294	7	286 - 307	383	39	301 - 412
6	4	296	14	284 - 313	380	91	276 - 468
7	2	340	56	300 - 379	367	64	322 - 412

Downstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
2	1	260	-	260 - 260	300	-	300 - 300
4	2	283	3	281 - 285	272	31	250 - 294

Table 6.7 Age-specific length and weight statistics for yellow perch collected in 1994.

Upstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	81	84	12	65 - 154	6	4	2 - 36
1	86	131	11	111 - 160	24	7	10 - 58
2	231	166	14	126 - 218	49	17	23 - 160
3	130	196	16	142 - 233	82	27	29 - 253
4	68	224	17	194 - 261	123	36	67 - 219
5	63	249	17	200 - 286	171	38	75 - 288
6	33	273	12	250 - 302	229	41	111 - 320
7	5	301	17	281 - 326	309	63	219 - 391

Downstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	14	98	9	82 - 112	12	9	4 - 37
1	10	172	27	103 - 204	65	27	8 - 98
2	9	184	25	135 - 212	76	34	20 - 124
3	8	213	34	171 - 256	127	55	53 - 194
4	4	247	14	230 - 262	185	48	132 - 246
5	3	245	9	237 - 255	183	5	177 - 187
6	2	283	17	271 - 295	299	69	250 - 347
7	2	302	6	297 - 306	398	13	388 - 407

Table 6.8 Age-specific length and weight statistics for walleye collected in 1994.

Upstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	3	152	40	120 - 197	35	29	14 - 68
1	1	289	-	289 - 289	209	-	209 - 209
2	10	358	18	315 - 376	368	62	210 - 424
3	3	345	24	318 - 365	356	18	342 - 376
4	1	437	-	437 - 437	704	-	704 - 704
5	3	487	10	480 - 498	1026	94	950 - 1132

Downstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	1	144	-	144 - 144	25	-	25 - 25
1	1	298	-	298 - 298	238	-	238 - 238
2	9	377	30	346 - 421	432	113	327 - 652
3	6	413	15	398 - 434	608	65	554 - 712
4	3	410	40	383 - 456	590	173	430 - 774

Table 6.9 Age-specific length and weight statistics for smallmouth bass collected in 1994.

Upstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	2	86	1	85 - 87	6	1	5 - 7
1	2	189	7	184 - 194	98	21	83 - 112
2	3	190	44	140 - 224	142	19	123 - 160
3	9	269	24	235 - 313	235	40	170 - 280
4	4	330	23	315 - 364	458	66	390 - 548
5	2	352	38	325 - 379	635	235	468 - 801
6	3	423	7	416 - 430	994	87	944 - 1094
7	1	475	-	475 - 475	1744	-	1744 - 1744
8	1	481	-	481 - 481	1399	-	1399 - 1399

Downstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	36	90	14	66 - 116	10	5	3 - 22
1	16	162	30	99 - 196	64	40	10 - 143
2	16	218	26	184 - 257	149	62	77 - 261
3	32	277	25	233 - 330	287	77	178 - 436
4	32	322	36	251 - 434	453	134	208 - 789
5	14	363	36	305 - 442	692	202	407 - 1255
6	8	394	38	330 - 433	893	240	521 - 1204
8	1	457	-	457 - 457	1172	-	1172 - 1172

Table 6.10 Age-specific length and weight statistics for largemouth bass collected in 1994.

Upstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	2	82	1	81 - 83	9	0	9 - 9
2	3	248	39	217 - 292	198	94	134 - 306
3	10	318	34	236 - 353	444	122	208 - 614
4	17	361	24	314 - 393	630	170	232 - 893
5	10	411	28	373 - 464	979	243	792 - 1442
6	13	448	34	396 - 511	1342	273	877 - 1815
7	3	488	26	469 - 517	1774	368	1482 - 2188
8	2	543	29	522 - 563	2557	239	2388 - 2726

Downstream of Vernon Dam							
Number of		Total Length (mm)			Total Weight (g)		
Annuli	Fish	Avg	SD	Range	Avg	SD	Range
0	2	97	12	88 - 105	17	7	12 - 22
1	3	185	55	123 - 230	120	79	38 - 195
4	1	340	-	340 - 340	583	-	583 - 583

Table 6.11Monthly impingement of fish on Vermont Yankee's circulating water traveling screens in1994.

	April		May		June		August		September		October	
Number of Collections	14		11		15		12		8		13	
Species	#	Wt (g)	#	Wt (g)	#	Wt (g)	#	Wt (g)	#	Wt (g)	#	Wt (g)
Sea Lamprey	74	265	1	2							5	17
American Shad							1	4			5	22
Atlantic Salmon	14	698	2	76	5	191						
Brown Trout	1	6										
Rainbow Smelt			1	4								
Northern Pike	3	1,466			1	167						
Chain Pickerel	13	914										
Common Carp	1	86										
Golden Shiner	39	886	1	47	1	15	3	13				
Notropis sp.	111	435										
Spottail Shiner	569	2,396	17	74	1	10					1	7
Mimic Shiner	4	3										
White Sucker	5	48									1	1,018
Yellow Bullhead	48	968										
Brown Bullhead	30	463	24	171	4	780						
White Perch			1	360	2	746						
Rock Bass	178	3,549	51	441	84	5,681	3	148	13	241	35	655
Lepomis sp.	125	248	17	29	1	2	3	4	4	6	53	86
Pumpkinseed	26	1,245	3	162	5	722			2	6	43	262
Bluegill	149	10,094	20	462	4	349	1	174	1	2	11	29
Smallmouth Bass	70	444	2	210	2	490	13	103	1	7	18	640
Largemouth Bass	4	61					1	2				
Yellow Perch	373	8,248	134	1,641	46	1,652	2	53	3	65	5	29
Walleye	3	152			1	32	3	12	1	12	1	5
Total	**1,840**	**32,2675**	**274**	**3,679**	**157**	**10,837**	**30**	**513**	**25**	**339**	**178**	**2,770**

Table 6.12 Vermont Yankee ichthyoplankton sampling effort in 1994.

Station	Depth (m)	NUMBER OF COLLECTIONS May	June	July	Total
Vermont Yankee Intake	0.3	4	5	2	11
Vermont Yankee Intake	2	4	5	2	11
Vermont Yankee Intake	4	4	5	2	11
Totals		12	15	6	33

Table 6.13 Collection dates and total numbers of ichthyoplankton captured near the Vermont Yankee Intake in 1994.

Species	Earlist Capture	Latest Capture	Numbers	Percent
Common Carp	June-27-94	June-27-94	1	<1
Notropis sp.	June-14-94	July-13-94	1,658	91
White Perch	May-25-94	July-06-94	109	6
Lepomis sp.	June-21-94	July-13-94	28	2
Bluegill	July-06-94	July-06-94	1	<1
Yellow Perch	May-11-94	May-25-94	27	1
Walleye	May-25-94	June-01-94	2	<1
Indeterminate	May-25-94	July-06-94	6	<1
Total			1,832	

Table 6.14 Ichthyoplankton captured at Vermont Yankee Intake by depth in 1994.

Collection Date	Species	Depth (m) 0.3	1.8	3.7	Totals
May-11-94	Yellow Perch	1	1	8	10
May-16-94	Yellow Perch	11	2	2	15
May-25-94	White Perch	3	1	3	7
	Yellow Perch	1	1		2
	Walleye			1	1
	Indeterminate	1			1
June-01-94	White Perch	3	7	12	22
	Walleye			1	1
	Indeterminate	1			1
June-08-94	White Perch	8	32	15	55
June-14-94	*Notropis sp.*	8			8
	White Perch		9	3	12
	Indeterminate		2		2
June-21-94	*Notropis sp.*	202	11	16	229
	White Perch		4	1	5
	Lepomis sp.	6	3	2	11
June-27-94	Common Carp	1			1
	Notropis sp.	992	25	15	1,032
	White Perch		2	5	7
	Indeterminate	1			1
July-06-94	*Notropis sp.*	24		1	25
	White Perch	1			1
	Lepomis sp.	2	3		5
	Bluegill		1		1
	Indeterminate	1			1
July-13-94	*Notropis sp.*	356	8		364
	Lepomis sp.	8	4		12
	Totals	**1,631**	**116**	**85**	**1,832**

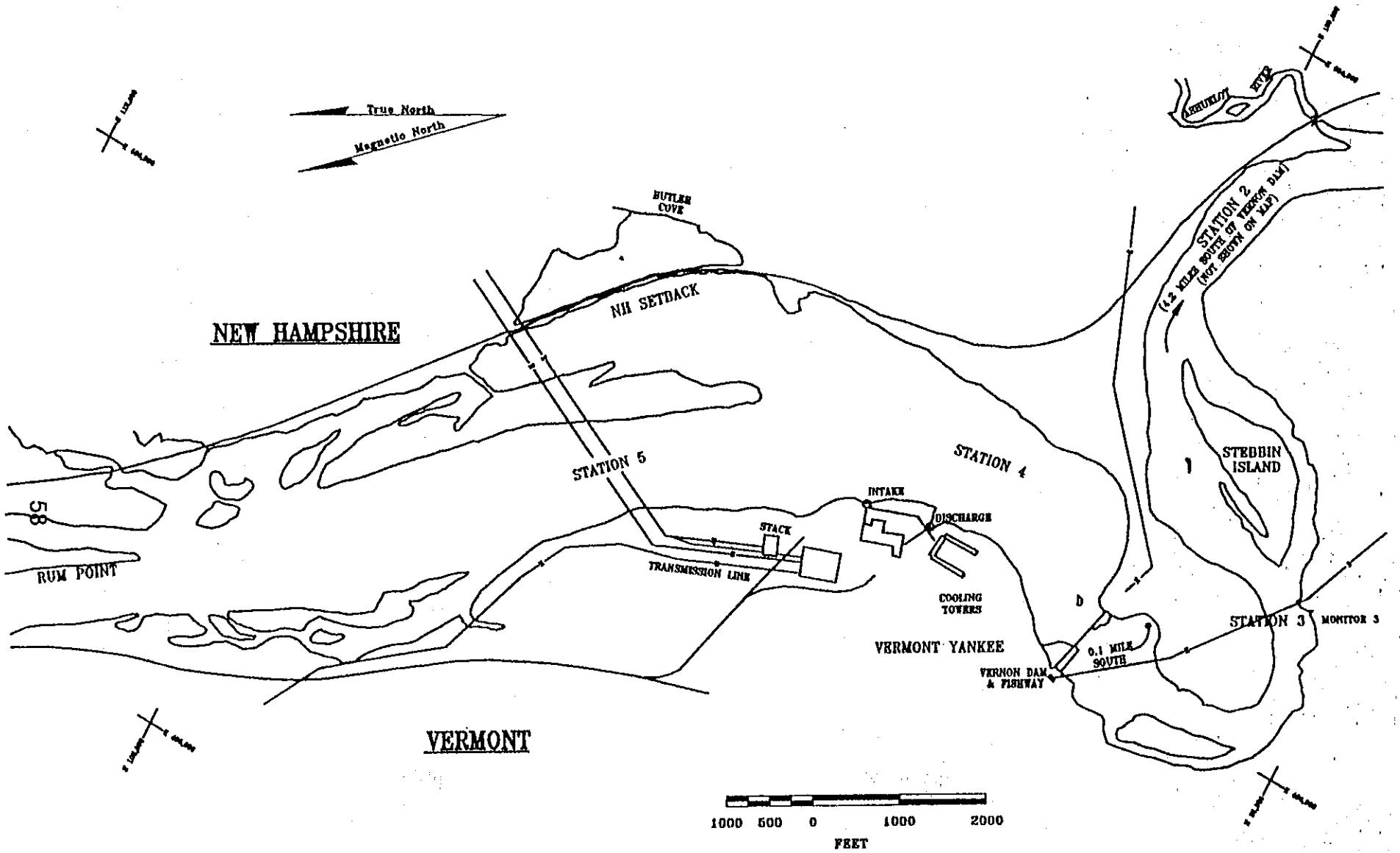


Figure 6.1 Fish sampling locations.

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Attachment 1

Vermont Yankee NPDES Permit

Permit No. 3-1199

File No. 13-17

NPDES No. VT0000264

AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
103 SOUTH MAIN STREET
WATERBURY, VERMONT 05676

DISCHARGE PERMIT

In compliance with the provisions of the Vermont Water Pollution Control Act, as amended, (10 V.S.A. Chap. 47 1251 et. seq; the "Act"),

Vermont Yankee Nuclear Power Corporation
Ferry Road
Brattleboro, Vermont 05301

(hereinafter referred to as the "permittee") is authorized, by the Secretary, Agency of Natural Resources, to discharge from a facility located at:

Governor Hunt Road
Vernon, Vermont

to the Connecticut River,

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, III hereof.

This permit shall become effective on January 1, 1991.

This permit and the authorization to discharge shall expire on December 31, 1995.

Signed this 5 day of December, 1990.

Reginald A. LaRosa, Acting Commissioner
Department of Environmental Conservation

By Gary Schultz
Gary Schultz, Director
Permits, Compliance and Protection Division

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning January 1, 1991 and lasting through December 31, 1995, the permittee is authorized to discharge from outfall serial number S/N 001: Circulating water discharge - condenser cooling water. Such discharges shall be limited by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	lbs/day		other units (specify)			
	Monthly Avg.	Daily Max	Monthly Avg.	Daily Max	Measurement Frequency	Sample Type
Flow Open/Hybrid-Cycle				543 MGD	Daily Maximum	Calculated
Closed-Cycle				12.1 MGD	Daily Maximum	Calculated
Temperature - Open/Hybrid-Cycle - See Part I.5.a-e., page 6-7 of 24						
Closed-Cycle				93^{0}F(d)	Daily	Grab
Free Residual Chlorine	(b)			0.2 mg/l	(c)	Grab
Total Residual Oxidant	(a)(b)		Monitor Only		(c)	Grab
Priority Pollutants	Monitor Only - See Condition 14, page 9 of 24 for specific components					
pH (e)	6.5 to 8.5 Standard Units				1 x daily	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Samples shall be taken at locations which are representative of the effluents discharged.

(a) Where 'Total Oxidant' is chlorine; chlorine plus bromine; or bromine.
(b) Oxidant or chlorine injection is limited to discharge during closed cycle only and not to exceed 2 hours/day.
(c) Monitoring is required during the period that oxidant, or chlorine, treatment is occurring. The duration of the treatment shall be reported for each treatment day in the monthly discharge monitoring report.
(d) If, under normal operations, the supplementary blowdown spray pond becomes inoperable, daily instantaneous maximum temperatures of 110^{0}F are permitted provided that the maximum time above 93^{0}F does not exceed 7 consecutive days. However, this does not relieve the permittee of any other thermal limits contained herein.
(e) A daily grab represents the minimum monitoring frequency. Continuous pH monitoring is acceptable and if utilized will require reporting daily minimum and maximum values on the monthly monitoring report.

2. During the period beginning January 1, 1991 lasting through December 31, 1995, the permittee is authorized to discharge from outfall serial number S/N 002: Radioactive liquid. Such discharges shall be limited by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	lbs/day		other units (specify)			
	Monthly Avg.	Daily Max	Monthly Avg.	Daily Max	Measurement Frequency	Sample Type
Flow				14.4 MGD	(1)	Estimate
Radioactivity	See Part I.7.a-f., page 7 & 8 of 24				(1)	See Part I.7.a-f.
pH	6.5 to 8.5 Standard Units				(1)	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

(1) Shall be monitored daily when discharge occurs. When it is determined that a discharge of radioactive liquid wastewater is necessary the permittee shall notify the Permits and Compliance Section by the next business day prior to or, as necessary, following the discharge.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): At discharge locations that are representative of the radioactive effluent discharge.

3. During the period beginning January 1, 1991 and lasting through December 31, 1995, the permittee is authorized to discharge from outfall serial number S/N 003: Plant Heating Boiler Blowdown. Such discharges shall be limited by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements	
	lbs/day		other units (specify)			
	Monthly Avg.	Daily Max	Monthly Avg.	Daily Max	Measurement Frequency	Sample Type
Flow				0.0010 MGD	(1)	Estimate
Hydrazine	Monitor Only				(1)	Grab
Morpholine	No Monitoring Required					

There shall be no discharge of floating solids or visible foam in other than trace amounts.

(1) Shall be monitored daily, when the discharge occurs, or once per month whichever is less frequent.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Before combining with other waste streams.

4. During the period beginning January 1, 1991 and lasting through December 31, 1995, the permittee is authorized to discharge from outfall serial number S/N 004: Water treatment and sand filter backwash. Such discharges shall be limited by the permittee as specified below:

Effluent Characteristic	Discharge Limitations lbs/day		other units (specify)		Monitoring Requirements	
	Monthly Avg.	Daily Max	Monthly Avg.	Daily Max	Measurement Frequency	Sample Type
Flow				0.010 MGD	(1)	Estimate
TSS		8.3 lbs			(1)	Grab

There shall be no discharge of floating solids or visible foam in other than trace amounts.

(1) Shall be monitored daily when discharge occurs

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Before combining with other waste streams.

5. The permittee is required to operate its circulating water cooling facilities in a closed cycle mode except as follows:

   a. During the period October 15 through May 15 open cycle operation is allowed provided that:

      (1) The temperature at Station 3 during this period of open-cycle operation shall not exceed 65°F.

      (2) The rate of change of temperature at Station 3 shall not exceed 5°F per hour. The rate of change of temperature shall mean the difference between consecutive hourly average temperatures.

      (3) The increase in temperature above ambient at Station 3 shall not exceed 13.4°F. The increase in temperature above ambient shall mean plant induced temperature increase as shown by equation 1.1 (defined on pages 1-8 of Vermont Yankee's 316 Demonstration: Engineering, Hydrological and Biological Information and Environmental Impact Assessment (March 1978).

   b. During the period May 15 though October 14, open-cycle operation is allowed provided that the increase in temperature above ambient at Station 3 shall not exceed the limits set forth in the following table:

Station 7 Temperature	Increase in Temperature Above Ambient at Station 3
Above 63°F	2°F
>59°F, ≤63°F	3°F
≥55°F, ≤59°F	4°F
Below 55°F	5°F

      The increase in temperature above ambient shall mean plant induced temperature increase as shown by equation 1.1 (defined on pages 1-8 of Vermont Yankee's 316 Demonstration: Engineering, Hydrological and Biological Information and Environmental Impact Assessment (March 1978).

   c. Experimental open/hybrid cycle test programs with alternative thermal limits (to 5a. and 5b. above) which are approved by the Vermont Yankee Environmental Advisory Committee (defined in Part I.8) and receive written authorization from the Secretary of the Agency of Natural Resources.

   d. During power operation, if an unexpected failure results in a complete loss of the cooling tower system, the above restrictions may be modified for a period not to exceed 24 hours to allow an orderly shutdown by utilizing the main condenser as a heat sink and operating in an open-cycle mode. The cooling tower system includes all components required for condenser cooling.

e. Notwithstanding the above, the Secretary may reopen and modify the permit to incorporate more stringent effluent limitations for control of the thermal component of Vermont Yankee's discharge, including the requirements of closed-cycle operation, if he determines that open-cycle operation is having an adverse effect on resident or anadromous fish species in the river. Vermont Yankee will be given notice and opportunity for a hearing prior to the imposition of such more stringent effluent limitations.

6. The permittee will conduct an environmental monitoring program to measure and record physical, chemical, and biological data to assure compliance with the requirements of this permit in accord with Appendix A of this permit: Environmental Monitoring Studies, Connecticut River Near Vernon. The permittee shall submit an annual report by May 31 of each year to the Secretary of the Agency of Natural Resources and the Environmental Advisory Committee.

7. All radioactive liquid waste collected in the plant will be processed through a treatment system, including filtering and/or demineralization, and the liquid will be processed and disposed of in accordance with the Nuclear Regulatory Commission Regulations. Low level radioactive wastes may be released to the Connecticut River after treatment pursuant to Final Safety Analysis Report, Volume III, Section 9.2: Station Radioactive Liquid Waste System, Vermont Yankee Nuclear Power Station, as amended, subject to following restrictions:

a. The maximum instantaneous concentration of radionuclides in liquid effluents released to the unrestricted environment shall not exceed the limits specified in 10 CFR 20, Table II, Column 2, Appendix B, including applicable notes thereto,

b. The maximum annual quantity of radionuclides, except tritium, in liquid effluents released to the unrestricted environment shall not exceed five (5) curies.

c. The maximum annual quantity of tritium in liquid effluents released to the unrestricted environment shall not exceed five (5) curies.

d. The dose or dose commitment to a member of the public from radionuclides in liquid effluents released to the unrestricted environment shall be limited to the following:

(1) During any calendar quarter: less than or equal to 1.5 millirems to the total body, and less than or equal to 5 millirems to any organ.

(2) During any calendar year: less than or equal to 3 millirems to the total body, and less than or equal to 10 millirems to any organ.

e. The permittee shall report to the Agency of Natural Resources any abnormal releases of radioactivity in liquid effluents in a manner and timeframe consistent with Nuclear Regulatory Commission requirements.

f. The permittee shall monitor and report concentrations, quantities and calculated doses of gamma radionuclides and tritium in liquid effluents released to the Connecticut River and report such data to the Agency of Natural Resources. Other radionuclides shall be reported to the Agency of Natural Resources in a manner consistent with the reports submitted to the Nuclear Regulatory Commission.

8. An Environmental Advisory Committee (EAC) will be comprised of one individual each representing (1) Vermont Department of Environmental Conservation; (2) Vermont Department of Fish and Wildlife; (3) New Hampshire Fish and Game Department; (4) New Hampshire Water Supply and Pollution Control Commission; (5) Massachusetts Division of Water Pollution Control; (6) Massachusetts Division of Fisheries and Wildlife; and (7) Coordinator of the Connecticut River Anadromous Fish Program, U.S. Fish and Wildlife Service. The EAC shall be advisory in function and shall meet with the Vermont Yankee Nuclear Power Corporation as often as necessary, but at least annually, to review and evaluate the aquatic environmental monitoring and studies program. The Vermont Yankee Environmental Scientist will serve as the administrative coordinator and Secretary for the EAC.

9. The permittee is authorized to discharge stormwater and surface runoff from the following storm drains:

   006 - North Storm System Discharge Point: to the north of the intake structure.
   007 - East Storm System Discharge Point: to the forebay of the discharge structure; includes discharges from S/N 003, 004, and 005. S/N 005 (not previously identified) is a minor cooling water discharge from the four RHR-SW pumps, typically only operated during plant shutdown at a maximum flow of 0.014 mgd. Pumps may be operated one at a time for a one hour period as a preventative maintenance activity. There are no additives and the discharges are only slightly thermally enhanced. No effluent limits or monitoring is required for this waste stream.
   008 - South Storm System Discharge Point: to the south of the discharge structure.

   Effluent limits and monitoring will not be required for these discharges; however, future storm drain and manhole construction shall conform to the Agency's policy for storm water treatment.

10. The temperature probe in the Vernon fishway shall be compatible with the temperature monitoring system utilized at Stations 3 and 7 in the Connecticut River.

11. Racks and screens preventing fish and other wildlife from entering the condenser water intake must be operated and maintained in a manner as previously approved by the Vermont Water Resources Board. Solids collected on the traveling screen shall not be returned to the Connecticut River.

12. The permittee is authorized to pump river silt, as necessary, that deposits in the intake structure and cooling tower basins, in the form of a silt-water slurry to be deposited on land on the plant site in the sedimentation area. Slurry volumes to be pumped shall not exceed 0.500 MGD or 350 gpm. Water drained from the slurry on land will be further settled/sedimented and then passively drained across a filter to reduce turbidity prior to return to the river via the north and east storm system discharge points (ie. 006 and 007 respectively).

13. The permittee is authorized to use either the following chemicals, or chemicals which are similar in composition, concentration, and toxicity, to the maximum concentrations indicated below. An increase in dosage rate or a substantial change in the chemicals identified below must be reviewed and approved by the Department to assure that no adverse impact will occur. A substantial change in chemicals shall be defined as chemicals that are not similar in composition, concentration, and toxicity to those identified below. A change of chemical vendors will require as a minimum a submittal of the appropriate MSD sheet, prior to use of the chemical, to the Permits Section of the Department:

    Bulab-7034 or Betz-419: general corrosion inhibitors for use in service water or circ water; maximum concentration 30 ppm

    Bulab-9027 or Betz-CU-1: copper corrosion inhibitors for use in the circ water for condenser corrosion control; maximum concentrations for Bulab-9027: 10 ppm and for Betz-CU-1: 50 ppm (used monthly for a 10 minute period)

    Bulab-8007 or Betz-2023: a dispersant for use in the circ and service water systems; maximum concentration 20 ppm

    Bulab-6002 or Betz-C-74: a biocide for use in the circ and service waters as an alternative or in addition to bromine/chlorine; maximum concentration for Bulab-6002: 5 ppm and for Betz-C-74: 10 ppm.

14. Priority pollutants as defined for this discharge include only the volatile and acid toxic organic compounds listed in Appendix D Table II of 40 CFR 122 and attached. Monitoring shall be conducted annually for S/N 001 only, while in 'open-cycle' operation. Analytical data shall be submitted to the Permits Section of the Department annually by May 31.

15. There shall be no discharge of polychlorinated biphenyl compounds, such as those commonly used for transformer fluids.

16. There shall be no discharges of metal cleaning wastes including wastewater from chemical cleaning of boiler tubes, air preheater washwater, and boiler fireside washwater.

B. REAPPLICATION

If the permittee desires to continue to discharge after the expiration date of this permit, he shall apply on the application forms then in use at least 180 days before the permit expires.

Re-apply for a Discharge permit by June 30, 1995.

C. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

The Permittee is required to submit monitoring results as specified on a Discharge Monitoring Report (Form WR-43). Reports are due on the 15th day of each month, beginning with the month following the date of signing.

If, in any reporting period, there has been no discharge, the permittee must submit that information by the report due date.

Signed copies of these, and all other reports required herein, shall be submitted to the Secretary at the following address:

Agency of Natural Resources
Department of Environmental Conservation
The Annex
103 South Main Street
Waterbury, Vermont 05676
Attn: Permits and Compliance Section

3. Definitions

For purposes of this permit, the following definitions shall apply:

Average - The arithmetic mean of values of analyses from samples taken at the frequency required for such parameters over a specific operating period.

Grab Sample - An individual sample collected in a period of less than 15 minutes.

Composite Sample - A sample consisting of a minimum of one grab sample per hour collected over a normal operating day and combined proportional to flow, or a sample continuously collected proportional to flow over a normal operating day.

Daily Discharge - Means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling.

For pollutants with limitations expressed in pounds, the daily discharge is calculated as the total pounds of pollutants discharged over the day.

For pollutants with limitations expressed in mg/l, the daily discharge is calculated as the average measurement of the pollutant over the day.

Maximum Day (maximum daily discharge limitation) - Means the highest allowable "daily discharge" (mg/l, lbs., or gallons).

Monthly Average (average monthly discharge limitation) - Means the highest allowable average of daily discharges (mg/l, lbs., or gallons) over a calendar month, calculated as the sum of all daily discharges (mg/l, lbs., or gallons) measured during a calendar month, divided by the number of daily discharges measured during that month.

Closed-Cycle Operation and Blowdown - The circulating water system mode in which water is circulated through the cooling towers to dissipate condenser heat. The only water discharged to the River during closed-cycle operation is the blowdown from the cooling towers. Blowdown refers to the water continuously removed from the cool side of the cooling tower collection basins to rid cooling towers of dissolved solids.

Instantaneous Maximum - A value not to be exceeded in any grab sample.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulations published pursuant to Section 304 (g) of the Clean Water Act, under which such procedures may be required. Guidelines establishing these test procedures have been published in the Code of Federal Regulations, Title 40, Part 136 (Federal Register, Vol. 49, No. 209, October 26, 1984).

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The exact place, date, and time of sampling;

b. The dates the analyses were performed;

c. The person(s) who performed the analyses;

d. The analytical techniques or methods used;

e. The results of all required analyses.

6. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form WR-43-1. Such increased frequency shall also be indicated.

7. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed, calibration and maintenance of instrumentation, and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, and shall be submitted to Department representatives upon request. This period shall be extended during the course of unresolved litigation regarding the discharge of pollutants or when requested by the Secretary.

PART II

A. MANAGEMENT REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of this permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new permit application or, if such changes will not violate the effluent limitations specified in this permit, by notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

2. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Secretary with the following information, in writing, within five (5) business days of becoming aware of such condition.

a. A description of the discharge and cause of noncompliance; and

b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncomplying discharge.

3. Facilities Operation

The permittee shall, at all times, maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

4. Quality Control

The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at regular intervals to ensure accuracy of measurements or shall ensure that both activities will be conducted. Samples shall be representative of the volume and quality of effluent discharged over the sampling and reporting period. All samples are to be taken during normal operating hours.

The permittee shall provide the above records upon request of the Secretary. The permittee shall verify 95% accuracy of the flow measurement device no less than weekly.

5. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

6. Bypassing

Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except where unavoidable to prevent loss of life or severe property damage. The permittee shall notify the Secretary within 24 hours of each such diversion or bypass. The permittee shall also submit a written notification within five (5) days of the occurrence. The written notification shall include the information as specified in Noncompliance Notification, Part II, paragraph A. 2.

7. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters.

8. Power Failure

In order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

a. In accordance with the Schedule of Compliance contained in Part I, provide an alternative power source sufficient to operate the wastewater control facilities; or

   if such alternative power source is not in existence, and no date for its implementation appears in Part I,

b. Halt, reduce, or otherwise control production and/or all discharges upon the reduction, loss, or failure of the primary source of power to the wastewater control facilities.

9. Emergency Pollution Permits

Maintenance activities, or emergencies resulting from equipment failure or malfunction, including power outages, which result in an effluent which exceeds the effluent limitations specified herein, shall be considered a violation of the conditions of this permit, unless the permittee immediately applies for, and obtains, an emergency pollution permit under the provisions of 10 V.S.A., Chapter 47, Section 1268. The permittee shall notify the Department of the emergency situation by the next working day.

10 V.S.A., Chapter 47, Section 1268 reads as follows:

"When a discharge permit holder finds that pollution abatement facilities require repairs, replacement, or other corrective action in order for them to continue to meet standards specified in the permit, he may apply in the manner specified by the secretary for an emergency pollution permit for a term sufficient to effect repairs, replacements or other corrective action. The permit may be issued without prior public notice if the nature of the emergency will not provide sufficient time to give notice; provided that the secretary shall give public notice as soon as possible but in any event no later than five days after the effective date of the emergency pollution permit. No emergency pollution permit shall be issued unless the applicant certifies and the Secretary finds that:

(1) there is no present, reasonable alternative means of disposing of the waste other than by discharging it into the waters of the State during the limited period of time of the emergency;

(2) the denial of an emergency pollution permit would work an extreme hardship upon the applicant;

(3) the granting of an emergency pollution permit will result in some public benefit;

(4) the discharge will not be unreasonably harmful to the quality of the receiving waters;

(5) the cause or reason for the emergency is not due to willful or intended acts or omissions of the applicant."

Application shall be made to the Secretary of the Agency of Natural Resources, Department of Environmental Conservation, The Annex, 103 South Main Street, Waterbury, Vermont 05676.

B. RESPONSIBILITIES

1. Right of Entry

The permittee shall allow the head of the State Water Pollution Control Agency, and/or their authorized representatives, upon presentation of credentials:

a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and

b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any discharge of pollutants.

2. Transfer of Ownership or Control

In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Secretary of the Agency of Natural Resources.

3. Availability of Reports

Except for data determined to be confidential under Section 1259(c) of the Act, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the State Water Pollution Control Agency. As required by the Act, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 1275 (b) of the Act.

4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

a. Violation of any terms or conditions of this permit;

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5. Toxic Pollutants

Notwithstanding Part II, paragraph B. 4. above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307 (a) of the Clean Water Act for a toxic pollutant which is present in the discharge, and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (Part II, paragraph A. 6.), "Power Failures" (Part II, paragraph A. 8), and "Emergency Pollution Permits" (Part II, paragraph A. 9), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 1281 of the Act.

8. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

9. Property Rights

Issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

10. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

11. Authority

This permit is issued under authority of Section 1259 of the Act which states that: "No person shall discharge any waste, substance, or material into waters of the State, nor shall any person discharge any waste, substance, or material into an injection well or discharge into a publicly owned treatment works any waste which interferes with, passes through without treatment, or is otherwise incompatible with those works or would have a substantial adverse effect on those works or on water quality, without first obtaining a permit for that discharge from the Secretary", and under the authority of Section 402 of the Clean Water Act, as amended.

PART III

A. OTHER REQUIREMENTS

This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b) (2) (C), and (D), 304(b) (2), and 307 (a) (2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or

2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

Nancy R. Manley
Prepared and Reviewed by

APPENDIX A
ENVIRONMENTAL MONITORING STUDIES, CONNECTICUT RIVER

The environmental monitoring and studies specified in Appendix A are intended to assure that the discharges authorized by this permit do not violate applicable Vermont Water Quality Standards and are not adverse to fish and other wildlife that inhabit the Connecticut River in and around the vicinity of Vernon.

SECTION I
CONNECTICUT RIVER MONITORING

River Flow Rate

Frequency/Date: Hourly - All Months
Location: Vernon Dam
River flow data will be tabulated from the records of the Vernon Hydroelectric Generating Station.

Temperature

Frequency/Date: Once per hour - All months
Location: Stations 3 and 7
Water temperature will be measured to within 0.1°F.
Frequency/Date: Once per hour - During fishway operation
Location: Vernon Fishway
Water temperature will be measured to within 0.1°F. These data will be collected only when the fishway is officially operating. Data will be reported as hourly, daily, monthly means.

Water Quality Parameters

Frequency/Date: Once per month - all months
Location: Stations 3 and 7, and the Plant discharge

Water quality parameters will be grab samples collected via monitor pumps or directly from the River for the following:

Parameter	Location		
	Station 7	Discharge	Station 3
Dissolved Oxygen	X	*	X
pH	X	*	X
Alkalinity	X	*	X
Turbidity	X	*	X
Total Solids	X	*	X
Suspended Solids	X	*	X
Sodium	*	*	*
Sulfate	*	*	*
Chloride	*	*	*
Copper	*	*	*
Iron	*	*	*
Zinc	*	*	*

* - Monitoring required only if Vermont Yankee is operating during the specified sample period
X - Monitoring required once per month

Phytoplankton and Zooplankton

Phytoplankton and zooplankton will be collected during open/hybrid cycle according to the following schedule:

Frequency/Date: Monthly - April through November
Locations: Intake and Discharge

Duplicate samples will be collected and analyzed for proportion of living organisms. The remaining portion of the samples will be preserved and organisms identified to the lowest possible taxonomic level. If the plant is not operating on open/hybrid cycle one river sample will be collected monthly in front of the intake and analyzed.

Macroinvertebrates

Macroinvertebrates will be collected according to the following schedule:

Frequency/date: Monthly - June, August, and October
Locations: Stations 2, 3, 4, 5

Dredge samples will be collected at quarter points at each of the four stations. Macroinvertebrates, defined as invertebrates retained by a number 30 U.S. Geological Survey Sieve, will be identified to the lowest feasible taxonomic level

Frequency/Date: Two samples - June through October
Locations: Stations 2, 3, 4, 5

A cage sample will be set at each station along the Vermont shore and retrieved after 30 to 60 days in the river. Macroinvertebrates will be identified to the lowest taxonomic level.

Larval Fish

Larval Fish will be collected during the open/hybrid cycle according to the following schedule:

Frequency/Date: Weekly - May through July 15
Location: Intake

A weekly sample shall consist of a sample at the surface, mid-depth and bottom strata of intake water. Volume of water sampled will be with a flow meter or other appropriate measuring device. Larval fish will be identified to the lowest taxonomic level.

Fish

Fish will be collected according to the following schedule:

1. Frequency/Date: Monthly - May, June, September and October
   Locations: Rum Point; Station 5; Station 4; N.H. Setback; 0.1 mile south of the Vernon Dam; Station 3; Stebbin Island; and, Station 2.

   Trap nets will be set at each station for two days and checked daily for each monthly sampling. A representative sample of American Shad, Atlantic Salmon, white perch, yellow perch, walleye, largemouth bass and small mouth bass will be scaled for annuli enumeration.

2. Frequency/Date: Monthly - May, June, September, October
   Locations: Rum Point; Station 5; Station 4; N.H. Setback; 0.1 mile south of the Vernon Dam; Station 3; Stebbin Island; and, Station 2.

   Fish will be collected at each location with boat mounted electrofishing gear. A representative sample of American Shad, Atlantic Salmon, white perch, yellow perch, walleye, largemouth bass and small mouth bass will be scaled for annuli enumeration.

Anadromous Fish

Juvenile shad will be monitored according to the following schedule:

Frequency/Date: Twice Monthly - July through October
Locations: 0.1 mile south of Vernon Dam, Station 3, Stebbin Island

Fish will be collected at each location with boat mounted electrofishing gear. All juvenile shad captured will be frozen immediately. Shad will be aged using otoliths.

Fish Impingement

Impingement samples will be collected during open/hybrid cycle according to the following schedule:

Frequency/Date: Weekly-April 1 thru June 15; August 1 thru October 31
Locations: Circulating water traveling screens

Prior to the start of each weekly sample, the three circulating water screens will be backwashed and the debris removed. Debris will be examined for anadromous fish. On the following day the three circulating water screens will be backwashed and sorted through for impinged fish. Impinged fish will be weighed and total length measured. Fish will be identified to the lowest feasible taxonomic level.

If any anadromous Atlantic salmon or American shad are impinged, the Vermont District I Fisheries Biologist or the Director of Operations shall be notified. Frequency of impingement sampling shall increase to daily sampling upon the impingement of these Atlantic salmon or juvenile American shad and continue until three consecutive daily samples not containing these fishes are obtained. Sampling frequency will then revert to weekly sampling.

The maximum number of Atlantic salmon which can be impinged by Vermont Yankee during a calendar year is determined by:

Impinged Atlantic salmon limit = 0.001 x (smolt equivalents)

Smolt equivalents (SE) are defined as:

$$SE = SE_F + SE_P + SE_S + SE_N$$

where:

SE_F is defined as the total number of smolt equivalents available from fry plants upstream of Vernon Dam. This number is calculated by:

SE_F = 0.0675 X (two-year previous fry).

Two-year previous fry is defined as the total number of fry stocked upstream of the Vernon Dam two years previous.

SE_P is defined as the total number of smolt equivalents available from parr plants upstream of the Vernon Dam. This number is calculated by:

SE_P = [(0.25 x (yearling parr)) + (0.11 x (two-year previous under yearling)].

Yearling parr is defined as the total number of 1+ parr stocked upstream of the Vernon Dam during the previous calendar year.

Two-year previous under yearling parr is defined as the total number of 0+ parr stocked two years previous.

SE_S is defined as the total number of smolt equivalents available from smolt stocked upstream of Vernon Dam. This number is calculated by:

$SE_S = 1 \times$ (smolts stocked).

Smolts stocked is defined as the total number of smolts stocked upstream during the current monitoring year.

SE_N is defined as the total number of smolt equivalents available from natural reproduction upstream of Vernon Dam. This number is calculated by:

$SE_N = 0.58 \times 7000 \times 0.01 \times$ (adult salmon).

0.58 represents 58% of the run as female.
7000 represents the average number of eggs per female.
0.01 represents a 1% survival of eggs to the smolt stage.
Adult salmon is defined as the number of adult salmon passed through the Vernon fishway two years previous.

The maximum number of American shad which can be impinged by Vermont Yankee during a calendar year is determined by:

Impinged American shad limit = 1 x number of shad.

The number of shad is defined as the number of American shad passed at the Vernon fish ladder or otherwise introduced above Vernon Dam during the calendar year

The plant will revert to closed cycle if either impingement limit is exceeded. The plant will remain on closed cycle until June 15 of the current calendar year if the Atlantic salmon impingement limit is exceeded or until November 1 of the current calendar year if the American shad limit is exceeded.

No Adverse Impact on Biota Evaluation

The above task-oriented monitoring program defines a minimal data collection study on the water quality and biota adjacent to the plant. In order to demonstrate that the operation of the plant does not result in an adverse effect on fish and other wildlife, including their value as fish and game and their habitat and ecology, additional studies and data evaluation may be required. These additional study topics would be as a result of changes observed during the task-oriented program and/or Environmental Advisory Committee (EAC) concerns raised for fish or other biota.

Objective specific investigations would be defined and reviewed by the EAC annually. A draft proposal for the following years studies, if any, would be submitted by Vermont Yankee to the EAC for review by October 1 of the current year. A progress report on studies conducted during the current year would be submitted by Vermont Yankee to the EAC by February 1. Proposed changes to the draft proposal would be submitted by March 1.

The following topics shall be addressed during the five-year permit time frame:

The distribution and composition of fish in the lower Vernon and upper Turners Falls pools. Historical fish data and data collected annually as a part of this monitoring program would provide the data base for documenting the spatial and temporal distributions of fishes near Vermont Yankee.

The relationship between ichthyoplankton entrainment and Vermont Yankee operation. The synthesis of historical ichthyoplankton data and ichthyoplankton data collected as a part of the requirements of this permit would be used to ascertain ichthyoplankton entrainment criteria and potential plant effects.

The relationships between plant operation and primary and secondary productivity. Studies on primary and secondary productivity would focus on spatial and temporal variations of these communities downstream of Vermont Yankee during periods of high productivity.

The relationship between Vermont Yankee operation and the distribution, growth and population dynamics of juvenile American shad. These studies would focus historical and current data to determine the relationships between plant operation and the growth, metabolism, and behavior of the juvenile shad.

The relationship between Vermont Yankee operation and the migratory behavior of the Atlantic salmon and the American shad. Fish passage data, other available data, if necessary, data from specific migratory investigations near Vermont Yankee would be utilized to evaluate the relationships between the anadromous fish, migratory patterns, and plant operation.

AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
THE ANNEX
103 SOUTH MAIN STREET
WATERBURY, VERMONT 05676

FACT SHEET
(November 1990)

DRAFT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
PERMIT TO DISCHARGE TO WATERS OF THE UNITED STATES

FILE NO.: 13-17
NPDES NO.: VT0000264
PERMIT NO.: 3-1199

NAME AND ADDRESS OF APPLICANT:

Vermont Yankee Nuclear Power Corporation
Ferry Road
Brattleboro, VT 05301

NAME AND ADDRESS OF FACILITY WHERE DISCHARGE OCCURS:

Governor Hunt Road
Vernon, Vermont

RECEIVING WATER: Connecticut River

CLASSIFICATION: Class B

I. Proposed Action, Type of Facility, and Discharge Location

The above named applicant has applied to the Vermont Department of Environmental Conservation for a discharge permit to discharge into the designated receiving water. The facility is engaged in the operation of a nuclear electrical generating station. The discharge is combined effluent from condenser cooling water, boiler blowdown, water treatment process and sand filter backwash, radioactive waste treatment system and stormwater runoff. This is a renewal of a previously issued permit.

II. Description of Discharge

A quantitative description of the discharge in terms of significant effluent parameters is based upon the permit application and supporting documents - including the final 316 Demonstration Report and a summary of the 1989-1990 self-monitoring data.

III. Limitations and Conditions

The effluent limitations of the permit, monitoring requirements, and special monitoring requirements may be found on the following pages of the permit:

Effluent Limitations and Monitoring Requirements: Pages 2 - 9 of 24
Special Conditions: Appendix A Pages 19 - 24 of 24

IV. Facility Description and Background

Vermont Yankee Nuclear Power Corporation ("Vermont Yankee") owns and operates a nuclear power station in Vernon, Vermont. The facility is located on the west shore of Vernon Pool, an impoundment of the Connecticut River created by Vernon Dam. The dam and Vernon Station, a hydroelectric facility, are located approximately 0.5 miles downstream from Vermont Yankee. The Vermont Yankee Nuclear Power Station, which began operation in 1972, is classified as a Boiling Water Reactor (BWR) with a rated core thermal power level of 1593 MW, providing a gross electrical output of 537 MW. The remainder of the energy, 1056 MW, is removed as heat by the circulating water system as it passes by the condenser and discharges to the Connecticut River (S/N 001), or to the atmosphere via mechanical draft cooling towers. There are several other processes associated with the electro-generation and facility operations, which may result in a discharge. Typically these discharges are not continuous and occur infrequently. These include radioactive liquid (S/N 002), plant-heating boiler blowdown (now S/N 003, previously designated 001A), water treatment and sand filter backwash (now S/N 004, previously designated 001C), and site stormwater runoff (S/N 006, 007 & 008). A schematic of the design maximum capacity wastewater flows is attached. (The discharge point serial numbers were changed due to a computer tracking system character limitation of three spaces.)

Currently, Vermont Yankee has a State of Vermont - NPDES Discharge Permit (Permit #3-1199, NPDES #VT0000264), which expires December 31, 1990. Vermont Yankee has applied June 21, 1990 for the renewal of this permit. The Department intends to issue a draft discharge permit with effluent limitations, monitoring requirements, and other special conditions based on Titles III and IV of the Clean Water Act in accordance with 40 CFR Parts 122-125 and 423, the Vermont Water Pollution Control Act 10 VSA Chapter 47, Vermont Water Pollution Control Permit Regulations, the Vermont Water Quality Standards (effective 4/90), and the Final 316 Demonstration report: Biological, Hydrological, & Engineering Information and Environmental Impact Assessment (For the period 15 May to 14 October), June 1990.

V. Permit Basis and Explanation of Effluent Limitation Derivation

The following is a description of each of the authorized discharges including background and highlighting modifications from the previously issued permit that are proposed in the draft permit:

S/N 001 - Condenser Cooling Water

Condenser cooling water is the secondary coolant in the nuclear reactor system. In the BWR primary coolant water (pumped from the Connecticut River) is converted to high purity steam which passes through the high-pressure and low-pressure turbine generator for electrical generation. Exhaust steam enters a water cooled condenser, where it is cooled back to water and recirculated in the process. The condenser cooling water removes unused heat energy from the primary system and as a non-contact cooling system is not a source of plant related radioactivity released as a liquid effluent.

Vermont Yankee has various modes of condenser cooling operation which determines the volumes of water and amounts of heat discharged to the river. In order to comply with the thermal criteria for discharge (dependent on river conditions and plant operations), condenser cooling water may be discharged directly to the Connecticut River ('open-cycle, or once through cooling'), or may be directed to the mechanical draft cooling towers and spray pond. These discharges may wholly, or in part, be returned to the river and/or the plant's circulating water system ('hybrid or closed cycle').

316 Demonstration and Project SAVE - Historical Overview

Under the 1973 AEC operating license Vermont Yankee was required to use closed cycle operations until determinations could be made concerning the possible environmental impact from the thermal discharge. To make this determination Vermont Yankee was allowed to discharge heat in compliance with the Vermont Water Quality Standards (until the 1985 Water Quality Standard revisions, this reach of the River was classified as a warm water fish habitat) concurrent with an intensive biological and hydrological study program, also known as 'Phase Studies' developed under the direction of the Technical Advisory Committee (subsequently renamed Environmental Advisory Committee.)

Under the provisions of both Section 316 of the Clean Water Act and the Vermont Water Quality Standards, Sections 3-01(d), alternative thermal limitations may be granted where a demonstration is made that such alternative limits will not result in an adverse effect on biota or beneficial values. Using the Phase Studies and other preoperational studies as a basis, a program and study plan was proposed to make this demonstration. The goal of this program, referred to as Project SAVE (Save Available Vermont Energy), was to demonstrate whether or not Vermont Yankee's plant operations could be optimized during the May 16 through October 14 period without objectionable environmental impact. More specifically, the studies required by the program focused on intensive biological, particularly fisheries, and hydrological investigations, while the plant operated under alternate (experimental) thermal limits. These studies began in earnest in 1982 and were allowed to continue through the life of the 1985 discharge permit. However, the 1985 permit Fact Sheet emphasized that the experimental mode for this time period could not continue indefinitely and that future permits would only allow alternative thermal limits as allowed under Section 3-01(d).

Consequently, based on the findings of the 316 Demonstration, documented in the Final 316 Demonstration report: Biological, Hydrological, & Engineering Information and Environmental Impact Assessment (For the period 16 May to 14 October), June 1990, it has been determined that Vermont Yankee operations during Project SAVE have not altered the distribution, abundance or diversity of aquatic biota of the Connecticut River near Vernon, to include resident fish populations and anadromous fish adult/smolt migratory activities. (The bioassessment summary is on pages 7-9 of the Report with detailed discussions of the biological information on pages 10-57)

Therefore, based on these findings and extensive hydrological evaluations, Vermont Yankee is proposing alternative thermal limits for the period 16 May to 14 October as follows:

Station 7 Temperature	Increase in Temperature Above Ambient at Station 3
Above 63°F	2°F
>59°F, ≤63°F	3°F
≥55°F, ≤59°F	4°F
Below 55°F	5°F

Essentially this temperature range would allow the facility to operate in open/hybrid-cycle the majority of the time.
A detailed discussion of hydrological information is on pages 58 - 66 of the final 316 Demonstration report. Highlights of this discussion are as follows:

Temperature increases resulting from Vermont Yankee operation under the proposed alternative thermal standards are either limited by the river discharge or the temperature criteria, whichever is more restrictive. Using river and plant operations data from 1973-1989, the minimum of these two criteria was determined and the resultant data set provided temperature increases that would have occurred after mixing had the proposed limits (above) been in place.
In summary, according to this evaluation during the periods mid May to mid June and mid September to mid October, there is a less than 15% probability and less than 40% probability (respectively) that a 3°F or greater increase would occur at Station 3. During the period from mid June to mid September, the 2°F allowable temperature increase would prevail 60 to 80% of the time. Therefore the proposed alternative temperatures represent the expected temperature increase.

Environmental Monitoring Program (Permit Condition I.9-Appendix A):
As stated above the implementation of alternate temperature standards is based on a demonstration that such standards have not caused an adverse impact on biota or habitat in the recent past. In order to assess compliance with this criteria and thereby assure that a future adverse impact does not occur, extensive environmental monitoring must be maintained as a permit requirement. Consequently, this draft permit does not propose any substantial revisions in the Environmental Monitoring Program (Permit Condition I.9 - Appendix A) and Environmental Advisory Committee (EAC) review requirements as previously permitted. Recommended revisions are as follows:

- Inclusion of 'Anadromous Fish' section (page 21 of 24) specific to collection and aging of juvenile shad. American shad spawn in the Connecticut River in the early summer and the young reside in the area from mid-May to mid-October. Juvenile and adult Atlantic salmon are transient in this area, migrating to the ocean as juveniles and upstream as adults. Since juvenile American shad are resident and Atlantic salmon are transient, the American shad were selected for age-growth and abundance monitoring. The permit will reflect this procedure.
- A section entitled 'No adverse Impact on Biota Evaluation' replaces the previous discussion regarding the study goals and EAC review. Although the general language has been slightly modified the intent is unchanged.

Other limits for Discharge S/N 001

Maximum discharge occurs during 'open/hybrid-cycle' and will remain as previously permitted at 543 MGD. This is a calculated value.

Based on recent calculations, closed cycle operation maximum flow limit will be revised from 19.4 to 12.1 MGD.

Considering that both open/hybrid and closed cycle flowrates represents the calculated maximum daily discharge, it is more appropriate to consider these limits as a maximum daily limit rather than a monthly average limit.

Thermal limits for closed cycle remain as previously permitted at 93°F maximum discharge with subnote (d) unchanged from the previous permit.

Free Residual Chlorine and Total Oxidant Monitoring

The previously issued permit contained application restrictions, effluent limits, and monitoring requirements for chlorination and chlorine discharges. Specifically, the permit limited chlorine injection to 2 hours/day during closed cycle operation only and contained effluent limits for free and total residual chlorine.

Although these limits have been carried over from the original EPA permit, they are not consistent with the federal regulations. 40 CFR 423.12 establishes free available chlorine maximum daily limits of 0.5 mg/l, as compared to the permit limit of 0.2 mg/l. 40 CFR 423.13 establishes BAT Total residual chlorine maximum daily limits of 0.2 mg/l, for once through cooling water operations only. Data demonstrates compliance with both limits, free and total chlorine concentrations averaging 50% and 34% of their respective limits.

To be consistent with these standards and the Anti-backsliding clause of the Clean Water Act, the free available chlorine limit would be unchanged at 0.2 mg/l and the total residual chlorine limit would be eliminated (replaced by 'Monitor Only' requirement). Further, given the documented ratio of free/total residual chlorine, this limit coupled with the maximum allowable flow will not trigger the Vermont Water Quality Standard instream chlorine limits of 0.019 mg/l.

Vermont Yankee has requested that permit language be modified to allow the use of either chlorine or bromine based chemicals as oxidants. Therefore, limits reference 'total oxidant' where 'Total Oxidant' is chlorine; chlorine plus bromine; or bromine. A monitoring requirement would be included for Total residual oxidant.

The pH limitation has been changed from 6.5-8.0 SU to 6.5-8.5 SU, based on the Vermont Water Quality Standards, effective April 27, 1990. (As noted above this application was received after the Water Quality Standards revision effective date of April 27, 1990). The monitoring frequency has been clarified in the permit to one time daily on a grab sample. This limit applies to open, open-hybrid, and closed cycle operation.

S/N 002 - Radioactive liquid

The discharge of low level radioactive liquids occurs from the radwaste building after treatment. This discharge is intermittent and occurs on a very infrequent basis. According to self-monitoring data the last discharge occurred in December 1981. The restrictions on radioactive discharges, Section I.7 a-f, have not been modified since the previous permit issuance. These permit requirements were reviewed and approved by the Health Department during the previous permit issuance process.

The maximum daily flow limit has been reduced from 28.8 mgd to 14.4 mgd. The previous permit flow limit represented the maximum potential discharge flowrate, discharging 24 hr/day. Even though this is a very infrequent discharge, Vermont Yankee has elected to retain authorization to discharge this wastestream, but will limit the duration of the discharge to a maximum period of 12 hours per day by establishing a plant operating procedure. Hence, the maximum total discharge would be 14.4 mgd.

The pH limitation has been changed from 6.5-8.0 SU to 6.5-8.5 SU, based on the Vermont Water Quality Standards, effective April 27, 1990.

Considering the infrequent nature of the discharge, a requirement is included to notify the Department 'by the next business day' when such a discharge becomes necessary (page 3 of 24).

S/N 003 - Plant Heating Boiler Blowdown:

The plant-heating boilers discharge relatively small volumes of blowdown on an intermittent basis (ie. a few times per month). The previously permitted maximum daily flowrate of 0.001 MGD remains unchanged from the previous permit. Both hydrazine and morpholine based corrosion control chemicals are added to the boilers at a daily rate of 500 gms and 300 ml respectively. Although both chemicals have been used historically in these systems, only hydrazine was listed in the previous permit with a maximum concentration limit of 0.15 mg/l. Considering the dosage rates, system dilution, and instream dilution, the resultant concentrations will not result in a toxic impact. Hence, the limit for hydrazine is eliminated and monitoring is required for hydrazine only either when the discharge occurs or once per month whichever is less frequent. Although no monitoring is required morpholine is now listed to identify its use and potential presence in the effluent.

This waste stream discharges through S/N 007 to the outlet structure forebay.

S/N 004 - Water Treatment and Sand Filter Backwash

This system is part of the river water purification system and generates river solids. This is an intermittent discharge having not occurred in the past two years. This discharge is defined by 40 CFR 423.12 as a 'low volume waste stream', which has established Total Suspended Solids limits to be calculated using the flowrate and a concentration of 100 mg/l. Therefore, the current permitted 40 lb/day TSS limit was calculated using the previous permitted flowrate of 0.048.

Based on a review of previous self-monitoring data maximum TSS daily discharge has been 6.3 lbs/day, with the flowrate ranging from .003 to .048 mgd. Consequently to be consistent with the federal regulations and actual facility operations, the Department is proposing a flow limit of 0.010 mgd and the corresponding proposed TSS limit of 8.3 lbs/day.

This waste stream discharges through S/N 007 to the outlet structure forebay.

S/N 005 - Minor Cooling Water from RHR-SW Pumps

S/N 005 (not previously identified) is a minor cooling water discharge from the four RHR-SW pumps, typically only operated during plant shutdown at a maximum flow of 0.010 mgd. Pumps may be operated one at a time for a one hour period as a preventative maintenance activity. There are no additives and the discharges are only slightly thermally enhanced. No effluent limits or monitoring is required for this waste stream.

This waste stream discharges through S/N 007 to the outlet structure forebay.

Other Permit Conditions

The make-up demineralizer regeneration waste stream has been eliminated since the previous permit (previously 001B) and will therefore be eliminated in this permit.

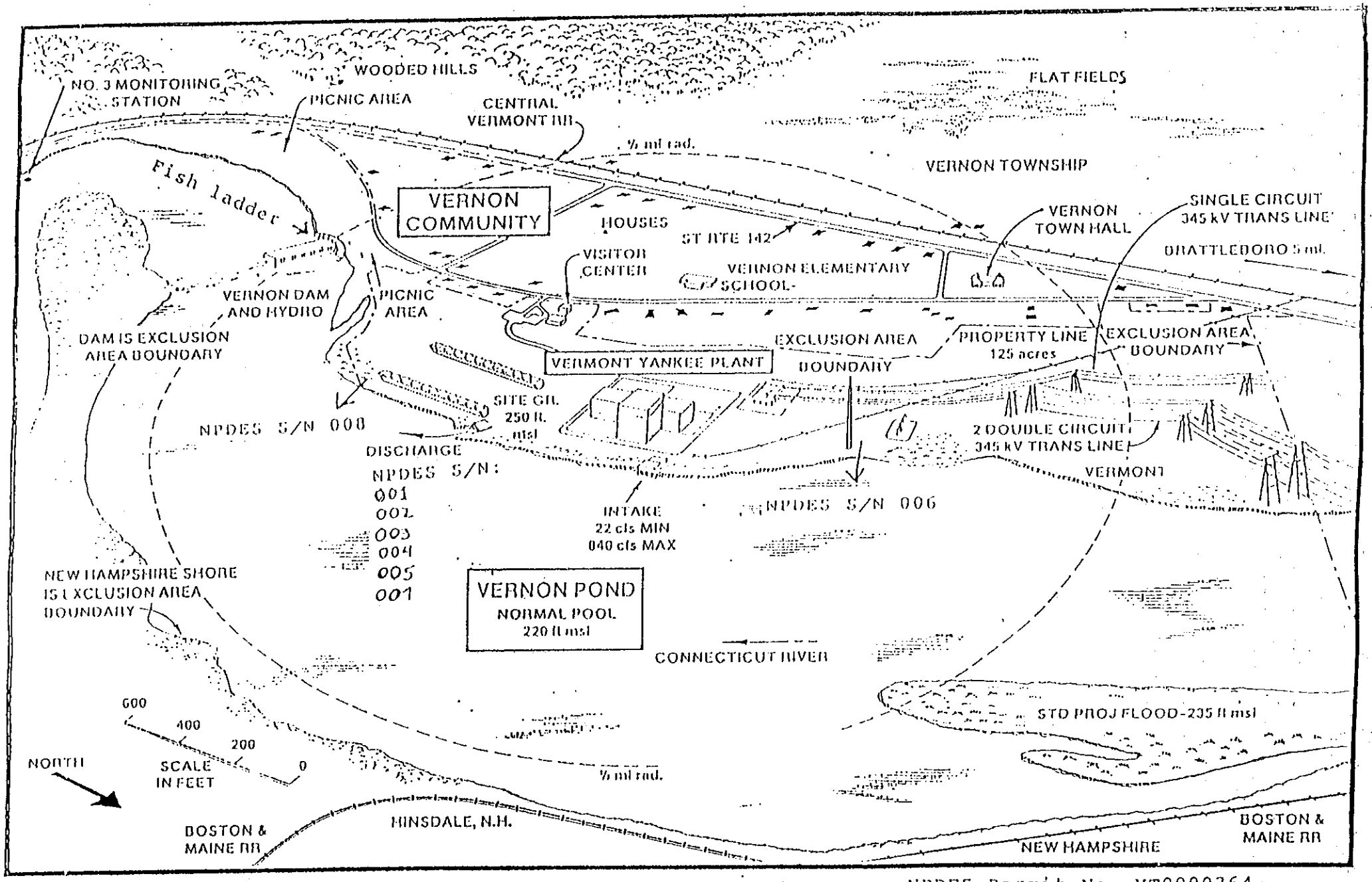
Authorization to discharge stormwater runoff from discharge points 006, 007 & 008 will be retained in this permit.

Conditions 13, 14, and 16 of the previous permit addressed and authorized the use of several chemical compounds as maintenance chemicals in the condenser, service water system, and closed cooling system. The permittee has requested either that this language be eliminated (ie. some of these systems aren't currently receiving treatment) or that the language be modified to allow the use of other treatment chemicals similar to those listed. Language consistent with other similar facilities has been included in this permit to allow more flexible use of such maintenance chemicals. Condition 13 requires that an increase in dosage rate or a substantial change in treatment chemicals must be reviewed and approved by the Department to assure that no adverse impact will occur. A change of chemical vendors will require as a minimum a submittal of the appropriate MSD sheet to the Permits Section.

40 CFR 423.13 requires that a priority pollutant scan be conducted by the facility, but does not specify a monitoring frequency. Further, 40 CFR Part 122 Appendix D revised Table I defines 'priority pollutants', for this type of facility, as volatile and acid toxic organics listed in Table II. Condition 14 requires that a scan for these specific compounds be conducted annually, on discharge point 001 when the facility is in 'open-cycle'.

40 CFR 423.12(b)(2) also prohibits the discharge of PCB compounds. Condition 15 addresses this requirement. 40 CFR 423.12(b)(5) contains limits for the discharge of metal cleaning wastes. As defined by the EPA Development Document, metal cleaning wastes are not discharged at the facility. Therefore, Condition 16 prohibits the discharge of metal cleaning wastes as defined.

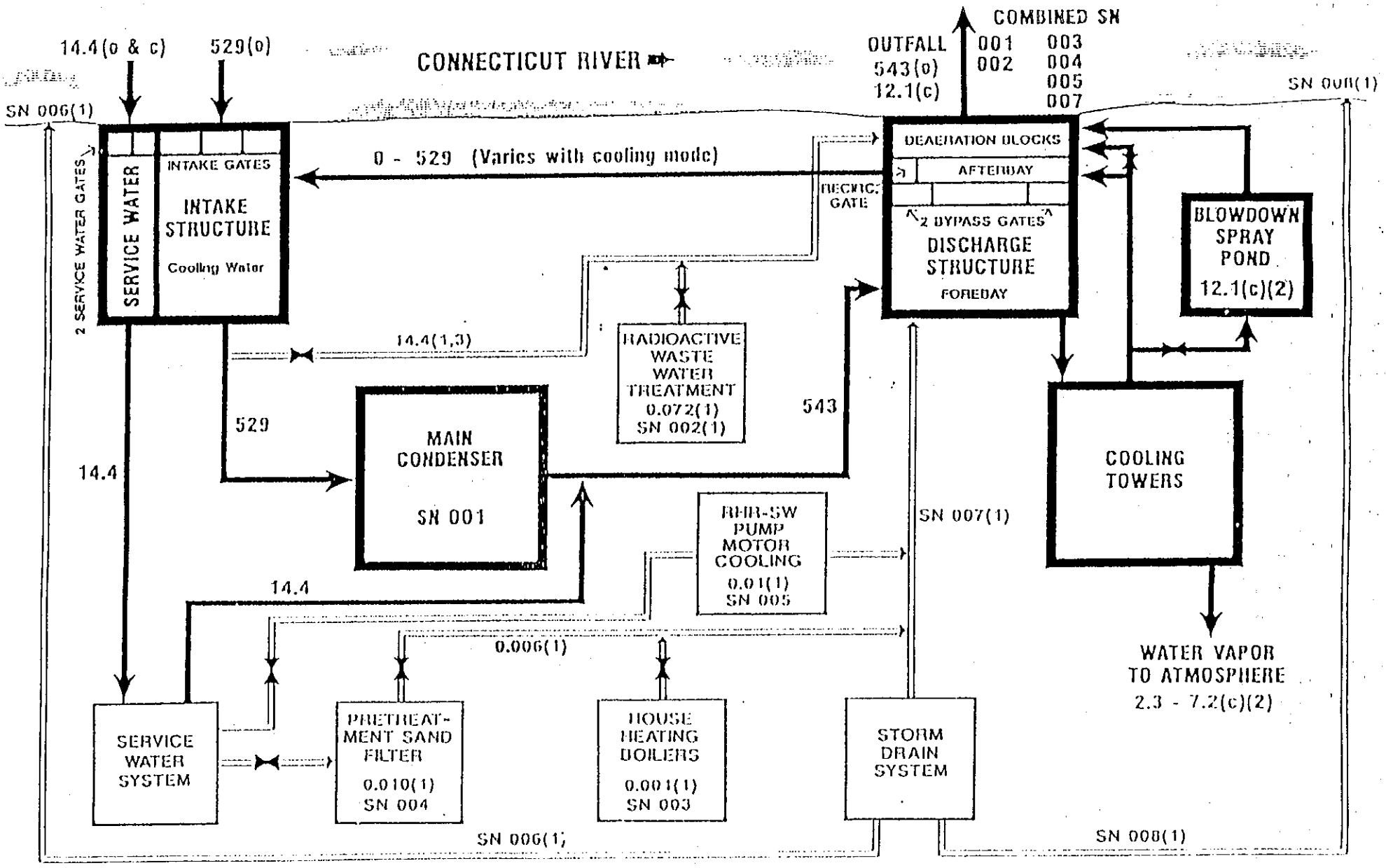
All remaining conditions are unchanged from the previous permit.



Rev. 6-15-90

Vermont Yankee Nuclear Power Station
Vernon, Vermont 05354
540 MWe(gross)

NPDES Permit No. VT0000264
Facility coordinates:
Latitude 42° 46' 45"
Longitude 72° 48'



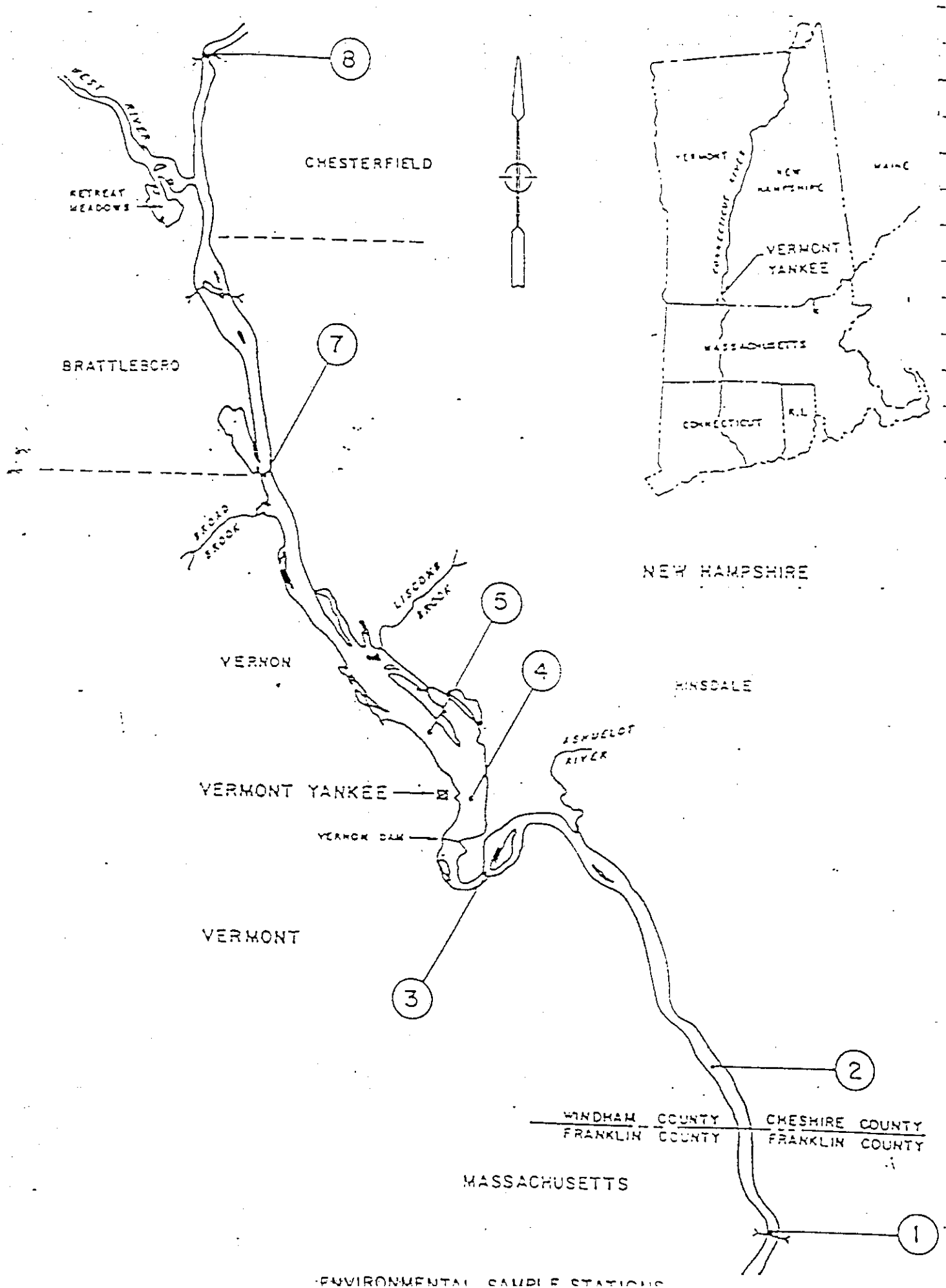
All Flows x 10^6 Gal/Day (MGD)

(o) Open Cycle
(c) Closed Cycle

(1) Intermittent Flow (as needed)
(2) Seasonal Flow
(3) Based on 12h/day

NOTE: Several possible hybrid cycle cooling modes are not indicated in this diagram. In hybrid cycle, SN 001 flows and heat content will vary between nearly full open cycle to nearly full closed cycle through the selective operation of gates and pumps.

Schematic of Design Maximum Capacity Water Flow



ENVIRONMENTAL SAMPLE STATIONS

Appendix A
Water Quality

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

January 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	32.8	33.1	32.9	32.7	32.6	32.5	32.5	32.5	32.5	32.5	32.6	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.5	32.4	32.4	32.6
2	32.7	32.9	32.8	32.7	32.6	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.5
3	32.6	32.8	32.7	32.7	32.6	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.4	32.3	32.4	32.5
4	32.8	33.0	32.9	32.6	32.6	32.5	32.4	32.4	32.6	32.7	32.6	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.3	32.4	32.5
5	32.6	32.7	32.6	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.5	32.7	32.6	32.7	32.8	33.0	33.0	32.9	33.0	33.0	32.6	32.3	32.4	32.6
6	32.7	32.8	32.7	32.6	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.3	32.3	32.4	32.4	32.3	32.3	32.3	32.3	32.4	32.5
7	32.8	33.0	32.9	32.7	32.6	32.5	32.5	32.4	32.4	32.5	32.6	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.5
8	32.7	32.9	32.8	32.6	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.4	32.4	32.6	32.5	32.4	32.4	32.4	32.5	32.5
9	33.1	33.5	33.2	32.6	32.5	32.4	32.5	32.4	32.5	32.4	32.4	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.4	32.5
10	32.8	33.1	32.8	32.6	32.5	32.4	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.5
11		32.9	32.8	32.6	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.5
12	32.7	32.9	32.8	32.6	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.4
13	32.7	32.9	32.8	32.6	32.5	32.4	32.4	32.4	32.3	32.4	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.3	32.3	32.3		32.2	32.3	32.4
14	32.7	32.9	32.8	32.6	32.5	32.4	32.4	32.3	32.3	32.3	32.3	32.2	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.4	32.4
15	32.9	32.9	32.7	32.6	32.5	32.4	32.4	32.5	32.3	32.3	32.6	32.8	32.8	32.7	32.5	32.4	32.4	32.5	32.6	32.6	32.4	32.3	32.2	32.8	32.6
16	33.2	33.2	32.8	32.6	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.4	32.4	32.6	32.4	32.3	32.6	32.5
17	33.1	33.4	32.9	32.7	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.3	32.3	32.3	32.5
18	32.7	32.9	32.8	32.6	32.5	32.4	32.4	32.3	32.4	32.6	32.8	32.8	32.5	32.3	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.3	32.4	32.5	32.5
19	32.9	33.0	32.9	32.6	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.4
20	32.8	33.0	32.7	32.6	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.2	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.4
21	32.7	32.9	32.8	32.6	32.5	32.4	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.3	32.3	32.3	32.2	32.2	32.3	32.3	32.3	32.3	32.2	32.4	32.4
22	32.7	32.9	32.8	32.6	32.5	32.4	32.3	32.3	32.3	32.3	32.4	32.4	32.5	32.5	32.4	32.5	32.6	32.5	32.2	32.2	32.3	32.2	32.1	32.2	32.4
23	32.7	32.9	32.8	32.5	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.4
24	32.7	32.9	32.8	32.6	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.4	32.4
25	32.8	32.9	32.8	32.5	32.4	32.4	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.4	32.4
26	33.0	33.2	32.9	32.7	32.4	32.4	32.3	32.4	32.3	32.4	32.3	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4
27	32.9	33.0	32.8	32.6	32.5	32.4	32.4	32.3	32.3	32.4	32.3	32.4	32.4	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.2	32.2	32.3	32.4
28	32.8	32.9	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.3	32.3	32.2	32.2	32.4	32.4
29	32.9	33.1	33.1	32.6	32.9	32.6	32.6	32.5	32.5	32.4	32.3	32.3	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.5
30	32.6	32.8	32.7	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.4	32.4
31	32.8	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3
																						MONTHLY AVERAGE			32.5

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AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

February 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	32.8	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.5	32.5	32.4	32.3	32.2	32.2	32.2	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.4
2	32.5	32.6	32.4	32.3	32.2	32.2	32.3	32.6	32.5	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.3	32.3
3	32.7	32.9	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.5	32.5	32.4	32.2	32.2	32.2	32.2	32.3	32.4
4	32.8	33.0	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.4	32.4
5	32.8	33.0	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.5	32.4
6	32.9	33.0	32.8	32.6	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.4
7	32.8	33.0	32.8	32.6	32.4	32.4	32.3	32.3	32.4	32.5	32.5	32.3	32.3	32.3	32.3	32.2	32.3	32.2	32.3	32.3	32.3	32.3	32.2	32.4	32.4
8	32.8	33.0	32.8	32.6	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.3		32.2	32.2	32.3	32.4
9	32.8	33.0	32.8	32.6	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.4	32.3
10	32.9	33.1	33.0	32.9	32.4	32.3	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.2	32.3	32.4
11	32.7	32.9	32.7	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.4	32.3
12	32.7	32.9	32.7	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.2	32.3
13	32.7	33.0	32.8	32.6	32.4	32.3	32.3	32.3	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.1	32.3	32.3
14	32.7	32.9	32.8	32.6	32.4	32.4	32.5	32.6	32.6	32.6	32.6	32.4	32.3	32.4	32.4	32.4	32.3	32.2	32.2	32.2	32.3	32.2	32.2	32.3	32.4
15	32.7	32.9	32.8	32.6	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.2	32.3
16	32.7	32.9	32.8	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.3	32.3
17	32.7	32.8	32.7	32.5	32.4	32.3	32.3	32.2	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3
18	32.6	32.8	32.6	32.5	32.3	32.3	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.3	32.3
19	32.7	32.9	32.7	32.5	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.3	32.3
20	32.7	32.9	32.7	32.5	32.4	32.3	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.2	32.3	32.3
21	32.5	32.6	32.5	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.2
22	32.4	32.4	32.3	32.3	32.2	32.5	32.5	32.3	32.2	32.2	32.3	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.3
23	32.4	32.5	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.1	32.0	32.2
24	32.4	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1		32.3	32.4	32.3	32.3	32.2	32.1	32.2
25	32.7	32.5	32.4	32.3	32.4	32.4	32.4	32.4	32.5	32.6	32.5	32.6	32.6	32.6	32.5	32.3	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.0	32.4
26	32.3	32.4	32.3	32.2	32.2	32.2	32.4	32.3	32.2	32.2	32.4	32.6	32.6	32.6	32.5	32.5	32.3	32.4	32.3	32.4	32.2	32.3	32.2	32.1	32.3
27	32.4	32.4	32.4	32.4	32.4	32.2	32.2	32.2	32.4	32.4	32.4	32.5	32.5	32.6	32.6	32.7	32.6	32.6	32.4	32.3	32.3	32.2	32.1	32.0	32.4
28	32.4	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.2
																						MONTHLY AVERAGE			32.3

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AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

March 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	32.4	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.1	32.2
2	32.4	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.2
3	32.3	32.4	32.3	32.3	32.2	32.2	32.2	32.3	32.5	32.5	32.5	32.5	32.3	32.3	32.3	32.3	32.2	32.3	32.3	32.3	32.2	32.2	32.3	32.0	32.3
4	32.5	32.7	32.5	32.3	32.3	32.3	32.6	32.6	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.3	32.1	32.1	32.2	32.1	32.1	32.1	32.1	32.0	32.3
5	32.3	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.5	32.4	32.4	32.4	32.3	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.1	32.3
6	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.4	32.2	32.2	32.1	32.2
7	32.4	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.2	32.1	32.2
8	32.4	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.2	32.2	32.5	32.6	32.5	32.4	32.2	32.1	32.3
9	32.4	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.2
10	32.5	32.5	32.4	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.1	32.2
11	32.6	32.6	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.3	32.3	32.3	32.3	32.4	32.5	32.5	32.5	32.4	32.3	32.3	32.2	32.1	32.1	32.0	32.3
12	32.4	32.5	32.3	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.0	32.1
13	32.3	32.4	32.3	32.2	32.2	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.2	32.2
14	32.5	32.5	32.4	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.2	32.3
15	32.4	32.4	32.4	32.3	32.2	32.2	32.2	32.3	32.3	32.3	32.3		32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.1	32.3
16	32.4	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.4	32.5	32.4	32.2	32.3
17	32.8	33.0	32.7	32.5	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.4	32.5	32.6	32.7	32.7	32.6	32.5	32.4	32.4	32.4	32.4	32.3	32.5
18	32.6	32.6	32.5	32.4	32.3	32.3	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.2	32.1	32.2
19	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.4	32.5	32.4	32.4	32.4	32.4	32.3	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.1	32.3
20	32.5	32.5	32.4	32.3	32.6	32.4	32.3	32.5	32.6	32.6	32.5	32.5	32.5	32.4	32.4	32.3	32.4	32.4	32.3	32.4	32.4	32.4	32.3	32.2	32.4
21	32.5	32.5	32.4	32.3	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.3	32.2	32.3
22	32.5	32.5	32.5	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.3	32.4	32.6	33.5	32.4	32.4	32.4	32.4	32.4	32.3	32.4
23	32.3	32.3	32.4	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3
24	32.3	32.4	32.4	32.3	32.3	32.3	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.3	32.3	32.3
25	32.3	32.4	32.4	32.4	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.3	32.4
26	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.3
27	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
28	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
29	32.4	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
30	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.5
31	32.8	32.9	32.9	32.9	32.8	32.8	32.7	32.6	32.6	32.6	32.6	32.6	32.7	32.8	32.9	33.0	33.1	33.2	33.3	33.3	33.3	33.3	33.3	33.2	32.9
																						MONTHLY AVERAGE			32.3

Aquatec, Inc 30-MAR-95 10:34:17

ERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

April 1994

HOUR															DAILY
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVERAGE
32.7	32.8	32.9	33.0	33.2	33.3	33.4	33.5	33.5		33.5	33.4	33.4	33.4	33.4	33.1
32.9	33.0	33.2	33.3	33.4	33.4	33.5	33.5	33.5	33.5	33.4	33.4	33.4	33.4	33.4	33.2
33.9	34.0	34.1	34.1	34.2	34.2	34.2	34.3	34.5	34.6	34.7	34.8	34.8	34.9	34.9	34.0
34.4	34.3	34.3	34.4	34.5	34.7	35.0	35.2	35.4	35.5	35.5	35.5	35.4	35.2	35.2	34.8
33.7	33.6	33.7	33.7	33.8	34.0	34.3	34.7	35.0	35.3	35.6	35.7	35.7	35.6	35.6	34.6
35.7	35.8	35.9	36.1	36.2	36.4	36.6	36.7	36.8	36.8	36.9	36.9	36.9	36.8	36.8	36.1
36.3	36.3	36.3	36.4	36.4	36.4	36.3	36.3	36.2	36.0	35.9	35.8	35.6	35.5	35.4	36.2
34.7	34.8	34.9	35.1	35.3	35.5	35.6	35.7	35.8	35.8	35.8	35.8	35.7	35.7	35.7	35.2
35.3	35.5	35.7	35.9	36.0	36.2	36.4	36.5	36.6	36.7	36.8	36.8	36.9	36.9	36.9	35.9
36.7	36.8	36.8	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	36.8
36.5	36.6	36.7	36.8	37.1	37.3	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.1
37.2	37.3	37.4	37.6	37.7	37.9	38.0	38.2	38.4	38.4	38.4	38.5	38.5	38.5	38.5	37.7
38.7	38.7	38.6	38.6	38.6	38.6	38.5	38.5	38.5	38.4	38.4	38.4	38.3	38.2	38.2	38.6
37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.6	37.7	37.7	37.8	37.9	38.0	38.0	38.0	37.7
37.4	37.5	37.7	37.8	38.0	38.2	38.5	38.7	39.0	39.4	39.7	40.0	40.2	40.2	40.2	38.4
39.3	39.3	39.3	39.3	39.3	39.4	39.5	39.6	39.8	39.9	40.0	40.1	40.2	40.2	40.2	39.7
39.3	39.4	39.5	39.5	39.6	39.7	39.9	40.0	40.3	40.4	40.4	40.3	40.2	40.1	40.0	39.8
39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	39.9	39.9	39.8	39.7	39.5	39.4	39.5
38.7	38.8	38.8	38.8	39.0	39.2	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.5	39.5	39.2
39.4	39.5	39.7	40.0	40.2	40.3	40.5	40.5	40.6	40.6	40.6	40.5	40.4	40.3	40.2	39.9
40.0	40.0	40.1	40.3	40.5	40.7	41.0	41.1	41.2	41.2	41.3	41.2	41.1	41.0	40.9	40.5
40.2	40.2	40.3	40.5	40.6	40.9	41.1	41.3	41.5	41.6	41.7	41.8	41.8	41.9	41.9	40.9
41.0	40.9	41.0	41.0	41.1	41.2	41.4	41.6	41.7	41.9	42.0	42.1	42.1	42.1	42.1	41.5
41.7	41.8	41.9	41.9	41.9	41.9	42.1	42.3	42.6	42.9	43.1	43.2	43.3	43.3	43.4	42.3
43.8	43.8	43.8	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.0
44.1	44.0	43.9	44.0	43.9	44.0	44.0	44.1	44.1	44.2	44.3	44.3	44.4	44.4	44.4	44.3
44.1	44.1	44.3	44.5	44.7	45.0	45.3	45.6	45.8	46.0	46.2	46.4	46.4	46.5	46.5	45.0
46.1	46.2	46.3	46.5	46.7	47.0	47.2	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	46.9
47.1	47.1	47.0	47.0	46.9	46.9	46.8	46.8	46.8	46.7	46.7	46.6	46.5	46.4	46.3	47.0
45.4	45.4	45.5	45.6	45.7	45.8	46.0	46.2	46.4	46.5	46.5	46.6	46.5	46.6	46.5	46.0
												MONTHLY AVERAGE			40.8

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

May 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	46.5	46.6	46.6	46.6	46.6	46.6	46.5	46.5	46.5	46.5	46.4	46.4	46.4	46.4	46.5	46.5	46.7	46.9	47.1	47.3	47.4	47.4	47.3	47.1	46.7
2	46.8	46.6	46.3	46.2	46.2	46.1	45.9	45.8	45.7	45.7	45.6	45.6	45.7	45.7	45.7	45.9	46.1	45.9		46.5	46.5	46.5	46.5	46.5	46.1
3	46.5	46.5	46.4	46.2	46.0	45.9	45.8	45.8	45.7	45.7	45.7	45.8	45.9	46.0	46.2	46.3	46.4	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.2
4	46.8	46.8	46.7	46.7	46.6	46.5	46.4	46.2	46.1	46.1	46.1	46.2	46.3	46.5	46.7	46.9	47.1	47.3	47.4	47.4	47.5	47.5	47.4	47.4	46.8
5	47.4	47.3	47.5	47.6	47.7	47.7	47.6	47.5	47.5	47.4	47.3	47.3	47.2	47.3	47.4	47.8		48.6	48.7	48.6	48.2	48.0	48.0	47.9	47.7
6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.1	48.2	48.1	47.8	47.7	47.6	47.5	47.5	47.4	47.4	47.3	47.3	47.3	47.3	47.3	47.3	47.7
7	47.7	47.7	47.7	47.6	47.5	47.4	47.3	47.2	47.2	47.2	47.2	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.6
8	48.7	48.7	48.7	48.4	48.2	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.2	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.6	48.6	48.5	48.5	48.4
9	49.4	49.5	49.5	49.2	48.9	48.8	48.8	48.7	48.6	48.6	48.8	48.8	48.8	48.9	49.0	49.2	49.3	49.5	49.6	49.7	49.8	49.8	49.8	49.8	49.2
10	51.0	51.1	51.2	50.6	50.3	50.2	50.2	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.5	50.6	50.7	50.9	51.0	51.1	51.1	51.1	51.2	50.6
11	52.4	52.3	52.2	51.8	51.4	51.3	51.2	51.2	51.2	51.1	51.2	51.2	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.9	51.8	51.8	51.6
12	52.7	52.7	52.7	52.3	52.0	51.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0	51.9	51.9	51.8	51.8	51.7	51.6	51.6	51.6	51.9
13	52.4	52.4	52.3	52.0	51.6	51.4	51.3	51.3	51.4	51.3	51.3	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.7	51.5	51.5	51.5	51.5	51.7
14	52.3	52.2	52.1	51.8	51.5	51.3	51.2	51.2	51.3	51.3	51.3	51.3	51.2	51.2	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.5
15	52.5	52.5	52.4	52.1	51.7	51.6	51.5	51.4	51.3	51.3	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.7
16	52.6	52.5	52.5	52.2	51.8	51.7	51.7	51.6	51.6	51.6	51.7	51.7	51.6	51.6	51.6	51.5	51.5	51.5	51.5	51.4	51.4	51.5	51.3	51.3	51.7
17	51.7	51.5	51.4	51.3	51.0	50.8	50.7	50.6	50.5	50.5	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.5	50.5	50.5	50.5	50.7
18	50.9	50.8	50.7	50.7	50.4	50.3	50.2	50.2	50.1	50.1	50.1	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3
19	50.9	50.9	50.9	50.8	50.5	50.5	50.4	50.3	50.3	50.2	50.2	50.2	50.2	50.2	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.3	50.3	50.3
20	50.7	50.7	50.7	50.7	50.5	50.4	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.5	50.6	50.7	50.8	51.0	51.1	51.2	51.3	51.3	51.4	51.5	50.7
21	52.4	52.4	52.4	52.1	51.8	51.7	51.7	51.7	51.8	51.9	51.9	52.0	52.1	52.2	52.3	52.4	52.6	52.7	52.8	52.9	53.0	53.1	53.1	53.3	52.3
22	54.7	54.7	54.7	54.1	53.8	53.6	53.6	53.5	53.5	53.6	53.7	53.8	53.9	54.1	54.3	54.5	54.8	55.0	55.1	55.3	55.4	55.5	55.6	55.7	54.4
23	57.5	57.5	57.5	56.8	56.4	56.2	56.1	56.0	56.0	56.0	56.1	56.2	56.3	56.4	56.6	56.8	56.9	57.1	57.2	57.2	57.3	57.4	57.4	57.6	56.8
24	59.6	59.6	59.6	58.9	58.4	58.2	58.1	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.3	58.4	58.5	58.7	58.8	58.9	59.0	59.0	59.0	59.1	58.6
25	61.0	61.1	61.2	60.4	59.9	59.8	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.8	59.7	59.7	60.0
26	61.1	61.1	61.1	60.4	59.9	59.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.5	59.5	59.5	59.5	59.4	59.4	59.4	59.3	59.3	59.4	59.8
27	60.8	60.7	60.6	60.2	59.6	59.4	59.2	59.1	59.3	59.3	59.1	59.2	59.2	59.1	59.1	59.2	59.1	59.0	58.9	58.8	58.7	58.7	58.5	58.4	59.3
28	59.2	59.0	58.8	58.4	58.0	57.7	57.5	57.3	57.2	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.1	57.0	57.0	57.0	57.0	57.5
29	57.8	57.9	57.8	57.5	57.1	57.0	56.8	56.7	56.7	56.6	56.6	56.6	56.6	56.6	56.6	56.5	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.9
30	57.8	57.8	57.7	57.4	57.0	56.9	56.8	56.7	56.7	56.8	56.8	56.9	56.9	57.0	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.5		57.5	57.2
31	58.5	58.4	58.3	57.9	57.6	57.4	57.3	57.2	57.1	57.1	57.2	57.7	58.6	58.8	59.1	59.4	59.6	59.7	59.8	59.8	59.7	59.6	59.5	59.5	58.5
																						MONTHLY AVERAGE			52.3

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AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

June 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	59.5	59.5	59.5	59.6	59.6	59.7	59.7	59.8	59.9	60.0	59.9	61.3	60.8	60.3	60.6	60.7	60.7	60.8	60.8	60.7	60.6	60.6	60.6	60.6	60.2
2	60.5	60.4	60.4	60.3	60.2	60.2	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.6	60.6	60.7	60.8	60.6	60.3	60.1	60.0	60.3
3	60.0	60.0	59.9	59.9	59.8	59.8	59.8	59.8	59.9	59.9	60.1	60.1	60.4	60.7	60.6	60.7	60.8	61.0	61.1	61.0	60.9	60.8	60.7	60.7	60.3
4	60.6	60.6	60.5	60.5	60.4	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.6	61.4	61.5	61.4	61.5	61.5	61.6	61.6	61.5	61.5	61.5	61.5	60.9
5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.6	61.4	61.4	61.6	61.7	61.8	61.8	61.6	61.6	61.7	61.8	61.8	61.8	62.0	61.6
6	62.0	62.1	62.2	62.3	62.4	62.5	62.7	62.7	62.8	62.7	62.6	62.5	62.6	62.7	62.8	62.9	63.1	63.1	63.2	63.3	63.4	63.5	63.6	63.7	62.8
7	63.8	63.8	63.8	63.9	63.9	64.0	64.1	64.2	64.2	64.2	64.1	64.1	64.1	64.1	64.2	64.3	64.4	64.5	64.6	64.9	65.1	65.1	65.1	65.0	64.3
8	65.0	65.0	65.0	64.9	64.9	64.9	64.9	65.0	65.1	65.0	64.8	64.7	64.6	64.6	64.8	64.9	65.1	65.3	65.4	65.7	65.8	65.9	65.9	65.8	65.1
9	65.7	65.6	65.6	65.6	65.5	65.3	65.2	64.9	64.8	64.7	64.7	64.8	64.8	64.9	65.0	65.2	65.3	65.4	65.6	65.9	66.0	66.1	66.1	66.1	65.4
10	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.6	64.6	64.6	64.7	64.8	65.1	65.5	65.4	65.6	66.0	66.5	67.1	67.4	67.5	67.5	67.1	65.7
11	66.7	66.4	66.0	65.7	65.5	65.2	65.1	65.0	65.0	65.2	65.3	65.4	65.6	65.8	66.0	66.2	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.0
12	66.6	66.5	66.4	66.3	66.2	66.0	65.9	65.8	65.7	65.6	65.5	65.4	65.2	65.1	65.0	65.1	65.1	65.2	65.2	65.3	65.4	65.5	65.6	65.6	65.6
13	65.6	65.6	65.7	65.7	65.8	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.3	66.4	66.6	66.8	67.0	67.2	67.3	67.4	67.5	67.6	67.5	66.4
14	67.5	67.5	67.3	67.0	67.0	66.9	67.0	67.0	67.0	67.1	67.2	67.3	67.5	67.6	67.6	67.7	67.9	68.1	68.2	68.3	68.4	68.4	68.4	68.6	67.6
15	68.7	68.6	68.2	67.9	67.5	67.3	67.2	67.2	67.2	67.3	67.4	67.5	67.7	67.9	68.2	68.4	68.5	68.7	68.9	69.3	69.5	70.0	70.2	70.1	68.3
16	70.1	69.9	69.7	69.6	69.4	69.2	69.0	68.9	69.0	69.2	69.7	70.1	70.4	70.6	70.7	70.9	71.1	71.1	71.2	71.3	71.4	71.9	71.9	72.1	70.3
17	72.1	72.0	71.8	71.4	71.1	70.9	70.5	70.2	70.0	70.0	70.2	70.4	70.5	70.7	70.9	71.1	71.2	71.3	71.4	71.5	72.0	72.3	72.5	72.8	71.2
18	73.0	72.9	72.9	72.9	72.8	72.8	72.7	72.5	72.4	72.2	72.0	71.9	72.0	72.1	72.2	72.4	72.7	72.9	73.2	73.4	73.6	73.8	74.0	74.0	72.8
19	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.8	75.0	75.2	75.2	75.4	75.4	75.6	75.5	75.6	75.5	75.4	75.3	75.1	74.9
20	75.0	74.8	74.7	74.6	74.5	74.4	74.3	74.3	74.3	74.4	74.5	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.3	75.4	75.6	75.9	76.1	76.1	74.9
21	76.0	76.2	76.3	76.4	76.4	76.3	76.2	76.1	76.0	75.8	75.6	75.4	75.3	75.2	75.1	75.0	75.0	74.9	74.9	74.9	74.9	74.8	74.8	74.8	75.5
22	74.8	74.6	74.5	74.4	74.3	74.3	74.2	74.2	74.2	74.2	74.3	74.5	74.8	74.8	74.9	74.8	74.5	74.4	74.4	74.3	74.1	74.0	73.9	73.8	74.4
23		73.5	73.3	73.2	73.2	73.1	73.1	73.1	73.1	73.0	73.0	72.9	73.0	73.2	73.3	73.3	73.3	73.3	73.4	73.3	73.3	73.4	73.4	73.4	73.2
24	73.4	73.4	73.4	73.3	73.2	73.2	73.2	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.3	73.2	73.2	73.1	73.1	72.9	72.8	72.6	72.4	72.2	73.1
25	72.1	71.9	71.8	71.7	71.7	71.6	71.5	71.4	71.4	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.7	71.6	71.5	71.6
26	71.4	71.3	71.1	70.9	70.8	70.6	70.5	70.4	70.3	70.3	70.2	70.2	70.1	70.0	69.9	70.0	70.1	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.4
27	70.5	70.4	70.5	70.5	70.5	70.5	70.5	70.4	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.9	71.0	71.2	71.5	71.6	71.6	71.6	71.6	70.8
28	71.6	71.5	71.5	71.4	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.8	71.9	72.0	72.0	72.1	72.1	72.1	71.6
29	72.2	72.1	72.0	71.9	71.8	71.7	71.5	71.4	71.4	71.3	71.2	71.2	71.2	71.2	71.2	71.4	71.4	71.5	71.5	71.6	71.7	71.6	71.5	71.5	71.5
30	71.5	71.4	71.4	71.3	71.3		71.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.4	71.5		SYSTEM INOPERATIVE				71.2
																						MONTHLY AVERAGE			68.2

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

July 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	SYSTEM INOPERATIVE																								
2	SYSTEM INOPERATIVE																								
3	SYSTEM INOPERATIVE																								
4	SYSTEM INOPERATIVE																								
5	SYSTEM INOPERATIVE																								
6	SYSTEM INOPERATIVE																								
7	SYSTEM INOPERATIVE																		75.4	75.6	75.7	75.7	75.7	75.8	69.5
8	75.8	75.7	75.7	75.7	75.6	75.6	75.6	75.6				76.8	76.9	77.0	77.1	77.1	77.3	77.5	77.7	77.8	77.9	77.9	77.8	77.7	76.7
9	77.7	77.6	77.6	77.5	77.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.5
10	77.7	77.6	77.6	77.5	77.5	77.4	77.3	77.2	77.2	77.1	77.0	77.0	76.9	76.9	77.0	77.2	77.6	78.0	78.2	78.2	78.1	78.0	77.8	77.7	77.5
11	77.5	77.5	77.4	77.4	77.3	77.3	77.3	77.3	77.2	77.1	77.1	77.0	77.0	77.1	77.2	77.4	77.7	77.8	77.9	78.1	78.2	78.1	78.1	78.1	77.5
12	78.0	77.9	77.8	77.7	77.7	77.6	77.5	77.5	77.5	77.5	77.3	77.0	76.9	76.8	76.9	76.8	77.0	77.1	77.2	77.3	77.5	77.5	77.4	77.5	77.4
13	77.5	77.5	77.5	77.4	77.4	77.3	77.3	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.5	77.5	77.5	77.5	77.4	77.3	77.1	77.5
14	77.0	76.9	76.9	76.8	76.7	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.9	77.0	77.2	77.2	77.2	77.4	77.3	77.2	77.2	76.8
15	77.1	77.0	76.9	76.8	76.7	76.6	76.5	76.4	76.2	76.1	76.0	75.9	75.9	75.8	75.8	75.8	75.8	75.7	75.7	75.6	75.6	75.5	75.5	75.5	76.1
16	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.5	75.5	75.4	75.3	75.2	75.2	75.3	75.3	75.4	76.0	76.0	76.0	76.0	75.9	75.5
17	75.9	75.8	75.8	75.7	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	75.8
18	76.1	76.1	76.0	76.0	76.0	76.1	76.1	76.0	76.0	75.9	75.8	75.8	75.7	75.6	75.5	75.5	75.5	75.5	75.5	75.5	75.4	75.4	75.4	75.4	75.7
19	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.3	75.3	75.4	75.5	75.6	75.6	75.9	76.0	76.0	75.9	75.7	75.5
20	75.8	75.8	75.9	75.9	75.9	75.8	75.8	75.9	76.0	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.6	76.7	76.9	77.0	77.0	77.0	76.9	76.8	76.3
21	76.7	76.6	76.5	76.5	76.4	76.4	76.3	76.3	76.3	76.3	76.2	76.1	76.1	76.1	76.1	76.3	76.6	76.9	77.1	77.2	77.2	77.2	77.1	77.1	76.6
22	77.2	77.2	77.3	77.2	77.2	77.2	77.2	77.2	77.1	77.1	77.0	76.9	76.9	76.9	77.0	77.2	77.5	77.7	77.9	78.0	77.9	77.9	77.9	77.8	77.3
23	77.8	77.7	77.7	77.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9	78.1	78.2	78.2	78.1	78.0	77.9	77.8	77.7	77.6	77.8
24	77.5	77.4	77.4	77.4	77.4	77.4	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.6	77.5	77.6	77.7	77.9	78.1	78.3	78.3	78.4	78.4	78.1	77.7
25	78.0	77.9	77.9	77.8	77.8	77.8	77.8	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.9	78.2	78.5	78.5	78.5	78.3	78.0			77.9
26	77.7	77.7	77.6	77.6	77.6	77.6	77.6				77.7	77.8	77.8	77.9	78.1	78.5	78.6	78.6	78.6	78.5	78.4	78.2	78.1	78.0	78.0
27	77.9	77.8	77.8	77.7	77.7	77.6	77.6	77.5	77.5	77.5	77.5	77.5	77.4	77.5	77.7	77.9	78.1	78.2	78.2	78.2	78.2	78.0	77.8	77.7	77.8
28	77.6	77.5	77.4	77.3	77.2	77.1	77.1	77.0	76.9	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.2	77.2	77.2	77.1	77.2
29	77.1	77.0	76.9	76.8	76.8	76.7	76.7	76.6	76.7	76.8	76.9	77.0	77.2	77.4	77.7	77.8	77.7	77.8	78.0	78.1	78.2	78.3	78.2	78.1	77.4
30	77.9	77.7	77.5	77.4	77.3	77.2	77.1	77.0	76.9	77.2	77.2	77.2	77.2	77.2	77.1	77.1	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.4	77.3
31	77.3	77.2	77.1	77.0	76.9	76.8	76.7	76.7	76.7	76.8	76.8	76.8	76.8	77.0	77.2	77.4	77.6	77.5	77.5	77.8	78.0	78.1	78.1	78.1	77.2
																						MONTHLY AVERAGE			77.0

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

August 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	77.9	77.7	77.5	77.3	77.2	77.1	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.2	77.3	77.4	77.5	77.7	77.8	77.8	77.7	77.6	77.5	77.4	77.4
2	77.2	77.1	77.0	76.8	76.7	76.7	76.6	76.6	76.6	76.7	76.7	76.8	76.8	77.0	77.1	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.6	77.5	77.1
3	77.4	77.4	77.3	77.3	77.2	77.2	77.2	77.2	77.1	77.1	77.1	77.2	77.2	77.3	77.4	77.5	77.8	78.0	78.2	78.4	78.5	78.5	78.5	78.5	77.6
4	78.4	78.4	78.3	78.3	78.2	78.2	78.2	78.1	78.1	78.2	78.2	78.1	78.1	78.0	78.0	78.1	78.2	78.4	78.6	78.7	78.6	78.5	78.4	78.4	78.3
5	78.3	78.2	78.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.1	78.0	77.9	77.8	77.7	77.5	77.3	77.1	77.0	76.9	76.7	76.7	77.8
6	76.6	76.5	76.4	76.3	76.2	76.2	76.1	76.0	76.0	76.1	76.3	76.4	76.2	76.1	76.1	76.5	76.7	77.0	77.0	76.8	76.7	76.6	76.5	76.4	76.4
7	76.3	76.2	76.1	76.0	76.0	75.9	75.8	75.8	75.8	75.8	75.9	75.8	75.7	75.6	75.4	75.3	75.3	75.4	75.5	75.6	76.0	76.2	76.1	75.9	75.8
8	75.8	75.6	75.5	75.4	75.2	75.1	75.0	74.9	74.8	74.9	74.9	74.9	74.9	74.8	75.0	75.2	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.6	75.3
9	75.5	75.5	75.5	75.4	75.3	75.2	75.2	75.1	75.1	75.1	75.0	74.9	74.7	74.5	74.5	74.8	75.0	75.2	75.6	75.6	75.4	75.7	75.4	75.3	75.2
10	75.4	75.6	75.5	75.4	75.3	75.4	75.3	75.5	75.5	75.5	75.5	75.6	75.6	75.5	75.5	75.5	76.0	76.1	75.6	75.5	75.6	75.7	75.8	75.9	75.6
11	75.8	75.7	75.7	75.7	75.6	75.6	75.5	75.5	75.5	75.5	75.5	75.5	75.4	75.3	75.1	75.0	75.0	75.1	75.2	75.2	75.0	74.9	75.1	75.2	75.4
12	75.1	75.1	75.1	75.1	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.0	75.0	75.1	75.1	75.1	75.0	74.9	74.9	74.9	74.8	74.8	74.7	74.8	75.0
13	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.7	74.8	74.8	74.8	74.8	74.9	74.9	75.0	75.0	75.0	74.9	74.9	74.9	75.0	75.0	74.8
14	75.0	75.0	75.0	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	74.9	74.9	74.8	74.8	74.8	74.7	74.6	74.5	74.5	74.9
15	74.4	74.4	74.3	74.2	74.2	74.1	74.0	73.9	73.9	73.9	73.9	73.9	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.8	73.7	73.6	73.6	73.5	73.9
16	73.5	73.5	73.4	73.3	73.3	73.2	73.2	73.2	73.1	73.2	73.1	73.0	72.8	72.9	73.0	73.3	73.6	73.7	73.7	73.7	73.7	73.6	73.4	73.5	73.3
17	73.6	73.5	73.5	73.4	73.4	73.3	73.3	73.2	73.2	73.2	73.1	73.1	72.9	72.7	72.6	72.6	72.7	72.9	73.0	72.9	72.8	72.7	72.6	72.4	73.0
18	72.3	72.3	72.3	72.2	72.2	72.2	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.2	72.2	72.0	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.1	72.2
19	72.0	71.9	71.8	71.7	71.7	71.7	71.7	71.6	71.6	71.5	71.4	71.4	71.3	71.3	71.2	71.2	71.2	SYSTEM INOPERATIVE							71.5
20	SYSTEM INOPERATIVE																								
21	SYSTEM INOPERATIVE																								
22	SYSTEM INOPERATIVE																								
23	SYSTEM INOPERATIVE																								
24	SYSTEM INOPERATIVE																69.1	69.3	69.5	69.5	69.5	69.4	69.4	69.3	69.4
25	69.2	69.2	69.2	69.2	69.1	69.1	69.0	69.0	69.0	69.0	68.8	68.7	68.5	68.4	68.5	68.6	68.5	68.5	68.5	68.5	68.4	68.4	68.3	68.3	68.8
26	68.2	68.2	68.2	68.2	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3	68.3	68.5	68.8	69.2	69.5	69.7	69.7	69.6	69.5	69.4	69.3	69.3	68.7
27	69.2	69.2	69.2	69.2	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.7	70.3	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.5	69.7
28	70.4	70.4	70.3	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.6	70.9	71.1	71.3	71.3	71.2	71.0	71.0	70.5
29	70.9	70.9	70.9	70.9	70.8	70.8	70.8	70.7	70.7	70.8	70.8	70.8	70.7	70.7	70.9	71.4	71.5	71.6	71.6	71.6	71.5	71.4	71.3	71.3	71.0
30	71.2	71.2	71.2	71.1	71.0	71.0	71.0	70.9	70.9	71.0	71.1	71.0	71.0	71.2	71.5	71.7	71.8	71.9	72.0	72.0	71.9	71.8	71.7	71.6	71.4
31	71.6	71.5	71.5	71.5	71.5	71.4	71.4	71.3	71.3	71.3	71.3	71.2	71.1	71.1	71.0	71.1	71.1	70.9	70.9	70.9	70.9	70.9	70.9	70.8	71.2
																						MONTHLY AVERAGE			73.9

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

September 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	70.8	70.7	70.7	70.6	70.6	70.6	70.5	70.5	70.5	70.5	70.6	70.5	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.4	70.3	70.3	70.4	70.4	70.5
2	70.3	70.3	70.3	70.3	70.2	70.2	70.2	70.1	70.1	70.1	70.1	70.1	70.0	69.8	69.9	70.1	70.2	70.3	70.2	70.2	70.1	70.0	69.9	69.9	70.1
3	69.8	69.7	69.5	69.4	69.3	69.2	69.1	68.9	68.9	68.8	68.9	68.9	68.8	68.8	68.8	68.7	68.7	68.6	68.6	68.5	68.5	68.5	68.4	68.7	68.9
4	68.8	68.7	68.6	68.6	68.5	68.5	68.3	68.2	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.3	68.3	68.3	68.3	68.2	68.2	68.1	68.2	68.1	68.3
5	68.0	67.9	67.8	67.6	67.5	67.4	67.4	67.3	67.3	67.3	67.2	67.3	67.3	67.3	67.3	67.3	67.2	67.2	67.0	66.9	66.6	66.4	66.4	66.3	67.2
6	66.3	66.3	66.3	66.3	66.3	66.3	66.2	66.1	66.1	66.1	66.1	66.1	66.1	66.0	66.0	66.1	66.1	66.1	66.2	66.1	66.2	66.2	66.2	66.2	66.2
7	66.1	66.1	66.0	66.0	65.9	65.9	65.8	65.7	65.7	65.7	65.7	65.6	65.5	65.4	65.2	65.2	65.9	66.0	66.0	65.9	65.8	65.6	65.7	65.7	65.8
8	65.7	65.6		65.6	65.6	65.5	65.4	65.4	65.4	65.4	65.3	65.2	65.1	65.0	65.0	64.8	64.8	65.0	64.9	64.9	64.8	64.8	64.8	64.8	65.2
9	64.9	64.9	65.0	65.1	65.1	65.0	65.0	65.0	64.9	65.0	65.0	64.9	65.0	64.9	64.8	64.7	64.7	64.7	64.8	64.8	64.8	64.7	64.7	64.8	64.9
10	64.8	64.9	64.9	64.9	64.9	64.8	64.8	64.7	64.7	64.7	64.8	64.8	65.2	65.3	65.1	65.3	65.4	65.1	65.1	65.2	65.3	65.4	65.3	65.3	65.0
11	65.1	65.1	65.0	65.0	64.9	64.9	64.8	64.8	64.9	64.9	65.0	65.1	65.3	65.3	65.3	65.3	65.2	65.3	65.2	65.3	65.3	65.2	65.2	65.1	65.1
12	65.0	65.0	64.9	64.9	64.9	64.8	64.8	64.8	64.7	64.7	64.7	64.8	64.8	65.3	65.2	65.1	65.1	65.4	65.2	65.1	65.0	65.1	65.1	65.1	65.0
13	65.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.0	65.0	65.2	65.2	65.2	65.4	65.4	65.5	65.4	65.4	65.4	65.1
14	65.4	65.3	65.3	65.3	65.3	65.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.4	65.5	65.8	66.1	66.1	66.2	66.1	66.0	66.0	65.9	65.5
15	65.9	65.8	65.8	65.7	65.7	65.7	65.6	65.6	65.6	65.7	65.7	65.8	65.9	65.9	66.1	66.5	66.9	67.0	67.1	67.0	66.9	66.8	66.7	66.6	66.2
16	66.5	66.4	66.4	66.3	66.3	66.2	66.2	66.2	66.2	66.1	66.1	66.1	66.0	65.9	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.0	66.0	65.9	66.1
17	65.9	65.9	65.9	65.8	65.8	65.8	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	66.0	66.1	66.3	66.4	66.4	66.4	66.4	66.3	66.2	66.0
18	66.2	66.1	66.1	66.1	66.0	66.0	65.9	65.9	65.9	65.9	65.9	65.9	66.0	65.9	65.9	66.0	66.0	66.0	66.0	65.9	66.0	66.0	65.9	65.8	66.0
19	65.7	65.7	65.7	65.7	65.7	65.6	65.6	65.5	65.6	65.6	65.8	65.8	65.9	65.9	66.0	66.2	66.4	66.4	66.3	66.3	66.2	66.1	66.1	66.1	65.9
20	66.1	66.0	66.0	65.9	65.9	65.8	65.7	65.7	65.6	65.6	65.6	65.6	65.5	65.4	65.6	65.7	65.8	65.9	65.9	65.9	65.8	65.6	65.5	65.5	65.8
21	65.4	65.4	65.4	65.3	65.3	65.2	65.2	65.2	65.1	65.1	65.1	65.1	65.1	65.0	65.0	65.3	65.4	65.5	65.6	65.6	65.5	65.4	65.3	65.3	65.3
22	65.3	65.2	65.1	65.0	65.0	65.0	64.9	64.9	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.2	65.2	65.2	65.1	64.9	64.8	64.7	64.6	64.6	64.9
23	64.6	64.6	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.7	64.7	64.6	64.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.3	64.2	64.1	64.0	64.5
24	63.9	63.9	63.8	63.7	63.6	63.6	63.5	63.4	63.3	63.3	63.2	63.1	63.0	62.9	62.8	62.7	62.8	62.9	63.0	63.0	63.0	63.0	62.9	62.9	63.2
25	62.9	62.9	62.9	62.9	62.9	62.8	62.8	62.7	62.7	62.7	62.6	62.6	62.5	62.6	62.6	62.8	62.9	63.0	63.0	63.0	63.1	63.3	63.5	63.5	62.9
26	63.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.3	63.3	63.2	63.2	63.4	63.5	63.6	63.6	63.5	63.4
27	63.5	63.5	63.5	63.5	63.5	63.4	63.4	63.4	63.4	63.4	63.4	63.3	63.3	63.3	63.3	63.3	63.2	63.2	63.2	63.1	63.0	62.9	62.8	62.7	63.3
28	62.6	62.6	62.6	62.6	62.5	62.5	62.5	62.5	62.4	62.5	62.5	62.4	62.4	62.4	62.1	62.1	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.5
29	62.7	62.6	62.6	62.5	62.4	62.2	62.1	62.0	61.9	61.8	61.7	61.6	61.4	61.1	61.0	61.1	61.3	61.5	61.6	61.7	61.7	61.8	61.8	61.9	61.8
30	61.9	61.8	61.8	61.7	61.7	61.6	61.6	61.5	61.5	61.4	61.1	60.9	60.8	60.6	60.2	60.1	60.4	60.6	60.9	61.0	61.1	61.1	61.2	61.2	61.2
																						MONTHLY AVERAGE			65.4

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

October 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	61.2	61.2	61.1	61.1	61.0	60.9	60.8	60.7	60.7	60.7	60.6	60.5	60.5	60.4	60.4	60.2	59.9	59.5	59.4	59.6	60.0	60.1	60.1	60.0	60.4
2	60.0	59.9	59.9	59.8	59.7	59.6	59.6	59.6	59.5	59.6	59.7	59.8	59.9	59.9	59.9	59.8	59.3	59.0	58.9	59.1	59.3	59.5	59.4	59.3	59.6
3	59.2	59.1	59.1	59.0	58.9	58.9	58.7	58.7	58.6	58.6	58.5	58.5	58.5	58.5	58.4	57.9	57.6	57.6	57.9	58.3	58.3	58.2	58.2	58.1	58.5
4	58.0	57.9	57.9	57.8	57.8	57.8	57.7	57.7	57.7	57.6	57.6	57.5	57.5	57.4	57.3	57.4	57.4	57.4	57.3	57.0	56.7	56.7	56.9	57.1	57.5
5	57.1	57.0	57.0	56.9	56.9	56.9	56.8	56.8	56.7	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.1	57.1	57.2	57.2	56.8	56.7	56.6	56.6	56.9
6	56.5	56.5	56.4	56.3	56.3	56.3	56.2	56.1	56.0	56.0	55.9	55.8	55.8	55.9	55.9	55.9	56.0	56.1	56.1	56.1	56.0	55.7	55.4	55.4	56.0
7	55.4	55.4	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.3	55.1	55.2	55.4	55.5	55.5	55.4	55.4	55.3	55.3	55.3	55.3	55.3	55.4	55.3
8	55.4	55.4	55.4	55.4	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.6	55.7	55.9	56.0	56.1	56.1	56.1	55.6
9	56.0	56.0	55.9	55.9	55.8	55.8	55.7	55.7	55.7	55.6	55.5	55.5	55.6	55.7	55.9	56.1	56.3	56.6	56.7	56.8	56.7	56.7	56.6	56.5	56.1
10	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	56.9	56.8	56.7	56.6	56.5	56.4	56.7
11	56.4	56.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.3	56.3	56.4	56.5	56.6	56.6	56.5	56.5	56.5	56.5	56.4	56.3	56.4
12	56.2	56.1	55.9	55.8	55.8	55.7	55.6	55.6	55.6	55.6	55.5	55.5	55.5	55.5	55.6	55.7	55.8	55.9	56.0	55.9	55.8	55.7	55.6	55.6	55.7
13	55.6	55.6	55.5	55.5	55.5	55.5	55.4	55.4	55.5	55.5	55.6	55.6	55.5	55.4	55.3	55.1	55.1	55.1	55.2	55.3	55.5	56.1	56.1	56.2	55.5
14	56.2	55.9	55.9	55.9	55.8	55.8	55.7	55.7	55.7	55.7	55.5	55.3	55.1	55.0	55.1	55.4	55.4	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.5
15	55.4	55.4	55.4	55.3	55.2	55.2	55.1	55.1	55.1	55.2	55.3	55.5	55.5	55.4	55.4	55.3	55.3	55.2	55.1	55.2	55.3	55.3	55.2	55.1	55.3
16	55.0	54.9	54.9	54.9	54.8	54.7	54.6	54.5	54.5	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.5	54.4	54.5	54.6	54.6	54.7	54.6
17	54.6	54.5	54.5	54.4	54.3	54.3	54.2	54.2	54.1	54.1	54.0	53.8	53.7	53.7	53.8	53.9	53.8	53.7	54.1	54.4	54.3	54.3	54.2	54.0	54.1
18	53.9	53.8	53.7	53.6	53.6	53.5	53.4	53.3	53.4	53.3	53.3	53.1	53.0	53.0	53.0	53.0	53.1	53.2	53.3	53.4	53.6	53.5	53.5	53.5	53.4
19	SYSTEM INOPERATIVE																								
20	52.9	52.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	53.1	53.2	53.3	53.3	52.9
21	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6	53.7	53.8	53.9	54.0	54.1	54.1	54.1	54.0	54.0	53.6
22	53.9	53.9	53.9	53.9	53.8	53.7	53.7	53.7	53.7	53.7	53.7	53.8	54.0	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.3	54.2	54.1	54.0
23	54.0	53.9	53.9	53.8	53.8	53.7	53.6	53.6	53.6	53.6	53.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.7	53.9	54.0	54.0	53.9	53.7
24	53.8	53.8	53.8	53.8	53.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.9	53.9	54.0	54.2	54.3	54.3	54.4	54.3	54.3	53.9
25	54.2	54.2	54.2	54.1	54.0	54.0	53.9	53.9	53.8	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.1	54.3	54.4	54.6	54.5	54.6	54.5	54.5	54.1
26	54.4	54.4	54.3	54.3	54.2	54.1	54.2	54.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.3	54.4	54.4	54.3	54.3	54.2	54.2
27	54.2	54.2	54.1		54.1	54.0	54.0	53.9	54.0	54.0	54.1	54.3	54.2	54.1	54.0	54.0	53.9	53.9	53.8	53.8	53.8	53.9	53.8	53.8	54.0
28	53.8	53.8	53.7	53.7	53.7	53.6	53.6	53.6	53.5	53.5	53.5	53.4	53.4	53.2	53.2	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.3	53.5
29	53.3	53.2	53.2	53.1	53.0	52.9	52.9	52.8	52.8	52.8	52.9	53.0	53.0	53.0	53.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.8	52.8	52.9
30	52.8	52.7	52.6	52.5	52.4	52.3	52.2	52.2	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.5	52.5	52.4	52.4	52.3
31	52.5	52.4	52.4	52.4	52.3	52.3	52.3	52.2	52.2	52.2	52.2	52.1	52.1	52.0	51.8	51.8	51.7	51.6	51.7	51.9	52.0	52.0	52.1	52.1	52.1
																						MONTHLY AVERAGE			55.1

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

November 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.0	52.0	51.9	51.8	51.8	51.8	51.9	52.0	52.2	52.3	52.2	52.0	51.9	51.8	51.8	52.0
2	51.7	51.8	51.8	51.8	51.8	51.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.5	51.5	51.4	51.4	51.3	51.2	51.1	51.0	50.9	50.8	50.7	51.5
3	50.6	50.5	50.4	50.5	50.4	50.4	50.4	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.5	50.4	50.4	50.3	50.3	50.4
4	50.3	50.2	50.2	50.1	50.1	50.1	50.0	50.0	50.0	50.0	49.9	50.0	50.1	50.1	50.3	50.5	50.7	50.6	50.4	50.3	50.3	50.3	50.3	50.3	50.2
5	50.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.4	50.4	50.4	50.6	50.8	50.9	50.9	51.0	51.0	51.0	50.9	50.5
6	50.9	50.9	50.9	50.9	50.9	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.4	51.5	51.5	51.6	51.5	51.1
7	51.5	51.5	51.5	51.4	51.4	51.4	51.3	51.2	51.2	51.2	51.2	51.3	51.4	51.3	51.2	51.3	51.3	51.3	51.3	51.2	51.2	51.1	51.0	51.0	51.3
8	50.9	50.9	50.9	50.8	50.8	50.8	50.8	50.8	50.7	50.7	50.7	50.8	50.9	51.0	51.0	50.9	50.9	50.9	50.7	50.6	50.5	50.5	50.6	50.6	50.8
9	50.6	50.6	50.5	50.5	50.5	50.5	50.4	50.4	50.4	50.4	50.4	50.3	50.3	50.3	50.3	50.3	50.3	50.2	49.9	49.9	50.0	50.0	50.0	50.0	50.3
10	50.0	50.0	50.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.0	49.9	49.8	49.9	49.9	49.8	49.9
11	49.7	49.6	49.5	49.4	49.3	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.1	49.1	49.1	49.1	49.1	48.9	48.8	48.9	49.0	48.9	49.2
12	48.7	48.6	48.5	48.4	48.4	48.3	48.1	48.0	48.0	48.1	48.0	48.1	48.1	48.1	48.0	47.9	48.0	48.0	47.9	47.8	47.6	47.2	47.1	47.1	48.0
13	47.0	46.9	46.8	46.8	46.7	46.6	46.6	46.6	46.5	46.5	46.5	46.6	46.7	46.8	46.8	46.8	46.7	46.7	46.6	46.6	46.4	46.2	45.8	45.6	46.6
14	45.6	45.7	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1	46.1		46.0	45.9	45.8
15	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.2	46.4	46.5	46.6	46.7	46.6	46.6	46.5	46.5	46.1
16	46.4	46.4	46.3	46.3	46.2	46.2	46.2	46.2	46.2	46.1	46.1	46.1	46.1	46.1	46.0	46.0	45.9	45.9	45.8	45.8	45.7	45.7	45.7	45.6	46.1
17	45.6	45.5	45.5	45.5	45.4	45.3	45.2	45.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.3	45.3	45.4	45.5	45.5	45.5	45.4	45.3
18	45.3	45.2	44.9	44.8	44.8	44.6	44.5	44.5	44.4	44.3	44.3	44.4	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.6	44.6	44.6	44.7
19	44.5	44.4	44.4	44.4	44.4	44.4	44.4	44.3	44.3	44.3	44.3	44.3	44.4	44.5	44.6	44.7	44.6	44.6	44.6	44.7	44.7	44.9	45.0	45.0	44.5
20	44.9	44.9	44.8	44.6	44.6	44.5	44.4	44.4	44.3	44.3	44.3	44.4	44.5	44.7	44.8	44.8	44.7	44.7	44.6	44.6	44.7	44.7	44.7	44.6	44.6
21	44.5	44.4	44.4	44.3	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.0	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.1	44.2	44.2	44.1
22	44.2	44.2		44.1	44.1	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.2	44.3	44.3	44.4	44.4	44.4	44.3	44.2	44.0	44.2
23	43.9	43.8	43.7	43.6	43.5	43.4	43.3	43.2	43.2	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.0	42.7	42.6	42.4	42.2	42.1	43.1
24	41.9	41.8	41.6	41.6	41.4	41.4	41.3	41.3	41.2	41.0	41.0	40.6	40.6	40.6	40.6	40.7	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.5	41.0
25	40.3	40.3	40.3	40.2	40.2	40.1	40.1	39.9	39.9	39.9	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.2	40.2	40.2	40.2
26	40.2	40.1	40.1	40.1	40.0	39.8	39.7	39.6	39.5	39.4	39.4	39.4	39.4	39.3	39.3	39.3	39.3	39.3	39.3	39.2	39.5	39.5	39.4	39.1	39.6
27	38.6	38.6	38.6	38.8	38.9	38.9	39.0	38.7	38.5	38.4	38.3	38.5	38.7	38.6	38.5	38.5	38.5	38.5	38.4	38.3	38.3	38.3	38.3	38.1	38.5
28	38.0	37.9	37.8	37.8	37.9	38.0	37.9	37.2	37.3	37.2	37.4	37.3	37.1	37.1	37.1	37.2	37.3	37.5	37.4	37.4	37.4	37.4	37.4	37.3	37.5
29	37.2	37.1	37.0	36.9	36.8	36.7	36.5	36.4	36.3	36.2	36.2	36.2	35.9	35.6	35.5	35.5	35.7	35.8	35.9	36.0	36.0	35.8	35.5	35.3	36.2
30	35.2	35.2	35.1	35.1	35.1	35.0	35.0	35.0	35.0	34.9	34.8	34.8	34.8	34.8	34.9	35.0	35.1	35.1	35.1	35.0	34.9	34.8	34.8	34.8	35.0
																						MONTHLY AVERAGE			45.6

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 7

December 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.8	34.9	35.0	35.1	35.3	35.4	35.5	35.5	35.5	35.4	35.4	35.4	35.3	35.2	35.1	35.1
2	35.1	35.0	35.0	35.0	34.9	34.9	34.8	34.8	34.8	34.7	34.8	34.9	35.0	35.1	35.3	35.4	35.5	35.5	35.5	35.6	35.6	35.5	35.4	35.3	35.1
3	35.2	35.2	35.2	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.1	35.1	35.2	35.3	35.3	35.4	35.5	35.6	35.7	35.8	35.9	35.9	36.0	35.9	35.4
4	35.9	35.9	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.7	35.6	35.7	35.9	36.0	36.1	36.2	36.2	36.3	36.3	36.4	36.4	36.3	36.3	36.2	36.0
5	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.4	36.4	36.3	36.3	36.3	36.3	36.4	36.6	36.4
6	36.9	37.1	37.2	37.2	37.4	37.5	37.5	37.5	37.6	37.5	37.5	37.5	37.5	37.6	37.7	37.8	37.8	38.0	38.2	38.1	38.0	38.1	38.3	38.3	37.7
7	38.3	38.3	38.3	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.6	38.5	38.5	38.5	38.4	38.4	38.3	38.4
8	38.3	38.2	38.1	38.0	37.9	37.9	37.8	37.6	37.5	37.4	37.3	37.2	37.2	37.1	37.1	37.1	37.1	37.1	37.1	37.0	37.0	36.9	36.8	36.7	37.4
9	36.6	36.5	36.5	36.5	36.4	36.3	36.2	36.1	36.1	36.0	35.9	35.9	35.9	35.9	35.9	35.8	35.8	35.7	35.6	35.6	35.6	35.5	35.5	35.4	36.0
10	35.4	35.3	35.2	35.2	35.2	35.2	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.3	35.3	35.4	35.4	35.4	35.4	35.4		35.5	35.5	35.4	35.3
11	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.2	35.2	35.2	35.2	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.3	35.3	35.3	35.3
12	35.3	35.3	35.3	35.2	35.0	34.9	34.8	34.7	34.6	34.5	34.4	34.3	34.3	34.4	34.5	34.5	34.5	34.5	34.5	34.4	34.4	34.3	34.2	34.1	34.6
13	34.0	34.0	33.9	33.9	33.8	33.8	33.7	33.6	33.6	33.5	33.5	33.4	33.5	33.4	33.5	33.5	33.5	33.6	33.5	33.5	33.5	33.4	33.4	33.3	33.6
14	33.3	33.3	33.3	33.2	33.2	33.2	33.1	33.1	33.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
15	33.0	33.0	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.1	33.1	33.2	33.2	33.1	33.1	33.0	33.0	33.0	33.0	33.0	32.9	32.9	33.1
16	32.9	32.8	32.8	32.9	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.8	32.7	32.7	32.6	32.6	32.6	32.6	32.5	32.5	32.8
17	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.6
18	32.8	32.8	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.2	33.3	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.6	33.7	33.7	33.6	33.3
19	33.6	33.6	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.7	33.7	33.8	33.8	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.7	33.6	33.7
20	33.6	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.5	33.6	33.6	33.5	33.5	33.6	33.6	33.5	33.5	33.3	33.3	33.5
21	33.2	33.1	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.2	33.2	33.3	33.4	33.4	33.3	33.3	33.3	33.2	33.2	33.1	33.0	33.1
22	33.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.1	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.3	33.3	33.3	33.3	33.1
23	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.2	33.2	33.1	33.1	33.1	33.2	33.1	33.2	33.3	33.3	33.2	33.1	33.1	33.0	33.0	33.0	33.2
24	33.1	33.1	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.2	33.2	33.3	33.3	33.4	33.5	33.6	33.7	33.8	33.9	33.3
25	33.9	34.0	34.0	34.1	34.1	34.2	34.3	34.5	34.6	34.6	34.7	34.8	34.9	35.1	35.2	35.3	35.4	35.4	35.4	35.4	35.5	35.4	35.3	35.3	34.8
26	35.3	35.2	35.1	35.0	35.0	34.9	34.9	34.8	34.8	34.7	34.7	34.7	34.8	34.9	35.0	35.0	35.0		34.9	34.9	34.9	34.9	34.9	34.9	34.9
27	34.8	34.8	34.7	34.7	34.7	34.6	34.6	34.6	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5
28	34.4	34.4	34.4	34.3	34.2	34.1	34.1	34.1	34.1	34.0	34.0	34.0	33.9	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.9	34.0	34.0
29	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.0	33.9	33.8	33.8	33.8	33.9	33.8	33.7	33.5	33.3	33.2	33.0	32.9	32.8	32.7	32.6	33.6
30	32.5	32.4	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.0	32.1	32.1	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.1	32.1	32.2
31	32.1	32.1	32.0	32.0	32.0	32.1	32.0	32.0	32.0	32.0	32.1	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.3	32.2
																						MONTHLY AVERAGE			34.4

Aquatec, Inc 30-MAR-95 10:34:17

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3 (Tank)

January 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	35.1	35.3	35.7	36.1	36.5	36.8	37.3	37.7	38.2	39.1	39.3	38.5	37.5	36.5	36.1	35.7	35.4	35.4	35.1	35.0	35.0	34.9	35.0	35.0	36.3
2	34.9	34.9	35.1	35.2	35.6	36.0	36.4	36.9	37.4	38.1	39.6	39.4	38.6	38.0	37.4	36.8	36.4	36.0	35.4	35.2	35.1	35.0	35.0	34.9	36.4
3	35.0	35.0	35.2	35.3	35.4	35.9	36.3	36.9	37.4	38.7	38.5	37.2	36.3	35.8	35.7	35.6	35.5	35.4	35.1	35.0	35.0	35.0	34.9	34.9	35.9
4	35.0	35.0	35.3	35.8	36.2	36.6	36.9	37.5	38.4	38.2	36.7	35.8	35.5	35.3	35.3	35.1	35.6	36.6	35.8	35.3	35.2	35.1	35.2	35.3	35.9
5	35.3	35.5	35.6	35.9	36.2	36.5	36.8	37.2	37.8	39.2	39.0	38.2	37.6	37.2	36.8	36.6	36.5	36.8	36.2	35.4	35.1	35.0	34.8	34.7	36.5
6	34.8	34.9	34.9	35.0	35.1	35.6	36.1	36.4	37.4	38.4	37.2	36.2	35.6	35.4	35.4	35.5	35.9	36.5	36.5	36.1	35.9	36.0	36.0	36.0	36.0
7	35.9	35.8	35.8	35.7	35.8	36.2	36.5	36.9	37.5	38.8	37.4	36.3	35.7	35.5	35.4	35.5	36.0	36.7	35.9	35.4	35.2	35.1	35.2	35.1	36.1
8	35.0	35.1	35.2	35.5	35.9	36.4	36.8	37.1	37.2	37.8	39.0	38.7	37.6	37.0	36.6	36.4	36.5	37.0	36.0	35.5	35.4	35.3	35.2	35.2	36.4
9	35.2	35.3	35.7	36.0	36.4	36.7	37.0	36.9	36.9	37.4	37.9	38.8	38.6	37.9	37.6	37.2	37.1	37.3	36.4	35.7	35.5	35.3	35.2	35.0	36.6
10	34.9	34.9	34.8	35.0	35.4	35.7	36.0	36.6	38.0	38.1	37.2	36.4	35.9	35.6	35.5	35.6	35.9	36.3	35.9	35.3	35.2	35.1	35.1	34.9	35.8
11	34.8	34.8	34.7	34.9	35.3	35.7	36.2	36.8	38.2	38.2	37.3	36.3	35.8	35.5	35.6	35.8	36.0	36.4	35.7	35.3	35.2	35.2	35.0	35.1	35.8
12	35.0	34.9	34.9	35.4	35.8	36.2	36.6	37.3	38.6	38.7	37.5	36.5	36.0	35.9	35.9	35.8	35.8	36.4	37.4	37.0	36.3	35.9	35.7	35.7	36.3
13	35.5	35.6	35.9	36.2	36.5	36.8	37.3	38.4	39.2	38.4	37.6	36.9	36.4	36.1	36.0	36.0	36.2	36.3	36.2	35.8	35.6	35.5	35.4	35.4	36.5
14	35.5	35.7	36.2	36.6	36.9	37.2	37.4	37.8	38.1	38.5	38.8	39.1	39.6	39.9	38.2	36.9	36.0	35.4	35.1	35.0	35.0	34.9	34.9	34.9	36.8
15	35.0	35.3	35.4	35.6	35.9	36.1	36.4	36.6	37.0	37.8	38.6	37.5	36.4	35.9	35.5	35.6	35.6	35.5	35.2	35.1	35.1	35.0	34.9	34.9	35.9
16	34.7	34.7	35.0	35.4	35.8	36.2		36.9	37.2	37.5	38.1	38.8	38.4	37.7	37.2	36.8	36.8	36.7	36.0	35.2	35.0	35.0	34.8	34.9	36.3
17	34.9	35.0	35.4	35.8	36.1	36.6	37.2	38.2	38.3	36.9	35.8	35.3	35.0	34.9	34.9	34.9	35.0	35.1	35.1	34.9	34.8	34.8	34.7	34.6	35.6
18	34.6	34.7	35.1	35.6	36.0	36.4	36.9	37.9	38.6	37.7	36.6	36.0	35.7	35.7	35.6	35.4	35.4	36.5	37.3	36.4	35.7	35.2	35.2	35.1	36.0
19	35.0	35.3	35.6	36.1	36.4	36.8	37.3	38.3	39.1	38.0	37.1	36.4	36.1	36.0	36.0	35.9	36.1	36.9	36.8	35.8	35.3	35.2	35.0	35.0	36.3
20	35.9	36.3	36.2	36.2	36.0	35.8	35.7	36.2	37.2	37.0	36.1	35.7	35.6	35.5	35.5	35.8	36.4	37.1	36.7	35.7	35.3	35.2	35.1	35.1	36.0
21	35.2	35.4	35.6	35.9	36.2	36.5	36.8	37.6	38.4	38.1	37.3	36.7	36.4	36.4	36.3	36.5	36.7	36.9	36.7	35.9	35.4	35.2	35.3	35.4	36.4
22	35.6	35.6	35.6	35.6	35.8	36.0	36.2	36.5	37.1	38.3	38.4	37.8	37.2	36.8	36.6	36.6	36.7	36.8	36.1	35.5	35.3	35.3	35.3	35.2	36.3
23	35.2	35.2	35.6	36.4	37.2	37.6	37.6	37.6	37.5	37.4	37.2	36.9	36.4	36.2	36.0	36.0	36.2	36.9	36.7	35.8	35.4	35.3	35.2	35.1	36.4
24	35.1	35.1	35.5	35.9	36.3	36.7	37.1	37.4	37.8	38.3	39.1	39.6	39.1	38.5	38.0	37.6	37.2	37.0	36.8	36.7	36.6	36.6	36.5	36.4	37.1
25	36.4	36.2	36.7	37.2	37.8	38.1	38.2	38.2	38.0	37.3	36.4	36.0	35.9	36.0	36.0	35.9	35.8	35.8	35.8	35.5	35.3	35.2	35.1	35.1	36.4
26	35.0	35.0	35.3	35.7	36.1	36.5	36.8	37.2	38.0	39.2	38.9	38.1	37.4	37.1	36.9	36.7	36.8	37.2	36.4	35.8	35.5	35.3	35.2	35.1	36.6
27	35.1	35.0	35.3	35.7	36.0	36.2	36.6	37.1	38.4	38.6	37.6	36.8	36.2	36.0	36.0	35.9	36.1	37.0	36.7	35.8	35.5	35.5	35.5	35.3	36.2
28	35.3	35.3	35.4	35.7	36.0	36.3	36.7	37.3	38.5	38.9	37.9	36.9	36.2	35.9	35.7	35.8	35.8	36.0	36.0	35.7	35.5	35.4	35.4	35.3	36.2
29	35.3	35.3	35.5	35.8	36.4	36.9	37.4	37.6	38.1	39.1	39.2	37.8	37.0	36.4	36.0	35.8	35.6	35.4	35.3	35.3	35.2	35.2	35.1	35.2	36.3
30	35.1	35.1	35.1	35.2	35.6	35.9	36.3	36.7	37.6	38.7	37.9	37.0	36.4	36.1	35.8	35.6	35.4	35.3	35.3	35.3	35.2	35.2	35.2	35.1	35.9
31	35.1	35.0	35.0	35.5	36.1	36.5	36.7	36.9	37.1	37.0	36.1	35.7	35.5	35.4	35.4	35.3	35.2	35.1	35.2	35.1	35.1	35.1	35.1	35.0	35.6
																						MONTHLY AVERAGE			36.2

Aquatec, Inc 29-MAR-95 14:48:00 Tank temperature about 0.7 deg F higher than river temperature

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3 (Tank)

February 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	35.0	35.0	35.3	35.4	35.6	35.6	35.8	36.1	36.4	35.8	35.4	35.3	35.3	35.2	35.2	35.2	35.2	35.1	35.0	34.9	34.9	34.9	34.9	34.9	35.3
2	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.1	35.1	35.2	35.2	35.4	35.9	36.1	36.3	35.9	35.4	35.2	35.1	35.1	35.2	35.2
3	35.3	35.3	35.3	35.6	35.9	36.2	36.5	36.9	38.1	38.8	38.3	37.6	37.0	36.5	36.4	36.5	36.5	36.6	36.6	36.5	36.2	36.0	35.9	35.8	36.5
4	35.8	35.7	35.7	35.9	36.3	36.5	36.8	37.3	38.3	38.8	37.8	37.0	36.3	35.9	35.8	35.8	35.8	35.8	35.7	35.7	35.6	35.4	35.2	35.2	36.2
5	35.1	35.1	35.0	35.0	35.0	35.2	35.6	36.0	36.8	38.4	38.3	37.7	37.2	36.7	36.4	35.9	35.6	35.4	35.3	35.2	35.2	35.2	35.1	35.1	35.9
6	35.0	35.0	34.8	34.9	34.8	35.0	35.4	36.0	36.7	37.9	38.5	37.5	36.7	36.2	36.1	35.9	35.8	35.7	35.6	35.7	35.7	35.8	35.7	35.6	35.9
7	35.6	35.6	35.6	35.9	36.2	36.4	36.7	37.2	38.2	38.7	37.7	36.7	36.2	35.9	35.7	35.5	35.4	35.2	35.2	35.1	35.1	35.1	35.1	35.1	36.0
8	35.1	35.2	35.3	35.5	35.7	36.0	36.4	37.1	38.6	38.4	37.6	37.0	36.4	36.1	35.9	35.8	35.7	35.7	35.6	35.4	35.2	35.1	35.5	36.4	36.1
9	36.7	36.5	36.3	36.0	35.9	35.9	36.2	36.5	36.4	35.9	35.3	34.7	34.2	34.1	34.4	34.8	34.7	34.4	34.1	34.1	34.4	34.4	34.5	34.8	35.2
10	34.8	34.8	34.8	34.7	34.6	34.6	35.2	36.7	37.8	37.5	36.7	36.1	35.9	35.8	35.7	35.7	35.7	35.5	35.3	35.3	35.3	35.3	35.2	35.2	35.6
11	35.2	35.2	35.4	35.7	36.1	36.4	36.9	38.0	38.1	37.4	36.5	36.1	36.0	36.1	36.0	35.9	35.9	35.6	35.2	35.0	35.0	35.0	34.9	34.9	35.9
12	34.9	34.9	34.7	34.7	34.8	35.2	35.7	36.2	36.6	37.4	38.7	38.5	37.5	36.9	36.5	36.5	36.4	36.3	35.9	35.5	35.3	35.2	35.3	35.2	36.0
13	35.2	35.1	35.4	35.8	36.1	36.5	37.0	37.3	37.6	38.1	39.2	39.4	38.7	38.2	37.7	37.4	37.3	37.1	36.5	36.0	35.7	35.6	35.5	35.4	36.8
14	35.5	35.6	35.8	36.2	36.6	37.1	37.7	38.3	38.8	38.3	37.0	36.3	36.0	36.1	36.0	35.9	35.8	35.6	35.3	35.2	35.1	35.1	35.2	35.5	36.2
15	35.8	36.0	36.1	36.1	36.3	36.5	36.6	36.9	37.6	38.5	38.1	37.4	36.6	36.2	35.9	35.7	35.6	35.5	35.5	35.4	35.4	35.4	35.4	35.3	36.2
16	35.3	35.4	35.5	35.8	36.2	36.5	36.9	37.9	38.6	37.9	37.2	36.6	36.2	36.0	35.9	35.8	35.6	35.5	35.4	35.4	35.4	35.4	35.3	35.3	36.1
17	35.2	35.2	35.3	35.6	36.1	36.5	37.0	37.6	37.3	36.5	36.0	35.9	35.8	35.8	35.7	35.7	35.6	35.5	35.5	35.5	35.4	35.4	35.4	35.4	35.9
18	35.3	35.3	35.3	35.4	35.9	36.4	36.9	37.5	37.2	36.2	35.7	35.6	35.5	35.5	35.4	35.4	35.3	35.2	35.2	35.1	35.1	35.1	35.1	35.0	35.7
19	35.0	35.2	35.5	35.9	36.3	37.0	37.3	37.4	37.5	37.7	36.8	36.0	35.8	35.7	35.6	35.5	35.3	35.2	35.3	35.2	35.2	35.2	35.2	35.1	35.9
20	35.1	35.2	35.4	35.8	36.2	36.7	37.0	37.3	37.9	38.4	37.2	36.3	36.0	35.7	35.7	35.5	35.5	35.4	35.2	35.3	35.2	35.2	35.2	35.2	36.0
21	35.3	35.3	35.4	35.6	35.8	36.4	37.0	37.0	37.5	37.2	36.5	36.4	36.3	36.4	36.8	37.0	37.0	36.7	36.2	35.8	35.7	35.7	35.5	35.5	36.2
22	35.4	35.4	35.4	35.3	35.3	35.4	35.4	35.5	35.5	35.4	35.5	35.6	35.7	35.6	35.6	35.5	35.4	35.3	35.3	35.2	35.2	35.3	35.2	35.2	35.4
23	35.2	35.1	35.2	35.7	36.2	36.5	35.8	35.4	35.3	35.2	35.3	35.3	35.3	35.3	35.2	35.1	35.3	35.6	35.8	35.4	35.2	35.2	35.1	35.1	35.4
24	35.2	35.2	35.4	35.4	35.5	35.6	36.2	37.0	37.2	36.1	35.5	35.3	35.2	35.2	35.3	35.3	35.2	35.1	34.9	34.9	34.9	34.9	34.8	34.8	35.4
25	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.1	35.1	35.2	35.2	35.1	35.0	35.0	35.0	34.9	34.9	34.9	34.9	34.9	34.9	35.0
26	34.9	34.9	34.9	35.4	36.0	36.3	36.6	36.6	36.7	36.5	35.5	35.2	35.2	SYSTEM INOPERATIVE											35.8
27	SYSTEM INOPERATIVE																								
28	SYSTEM INOPERATIVE																								
																						MONTHLY AVERAGE			35.9

Aquatec, Inc 29-MAR-95 14:48:00 Tank temperature about 0.7 deg F higher than river temperature

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3 (Tank through 23 March, 0900)

March 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	35.0	35.2	35.5	35.9	36.3	36.5	36.7	36.7	36.2	35.7	35.6	35.6	35.6	35.6	35.6	35.5	35.5	35.3	35.0	34.9	34.9	34.9	34.9	34.9	35.6
2	34.8	34.7	34.7	34.9	35.5	35.8	36.3	37.0	38.5	38.4	37.7	37.2	36.6	36.3	36.2	36.1	35.8	35.7	35.5	35.4	35.4	35.4	35.4	35.4	36.0
3	35.3	35.3	35.3	35.4	35.6	36.0	36.6	38.0	38.2	37.4	36.8	36.3	36.0	35.9	35.8	35.8	35.6	35.4	35.4	35.3	35.3	35.3	35.3	35.3	35.9
4	35.4	35.5	35.8	36.1	36.4	36.6	36.7	36.7	36.0	35.7	35.6	35.6	35.7	35.5	35.5	35.5	35.4	35.3	35.2	35.2	35.2	35.2	35.2	35.2	35.7
5	35.1	35.2	35.2	35.6	36.1	36.5	36.8	37.0	37.2	37.2	36.2	35.7	35.5	35.5	35.5	35.4	35.3	35.2	35.0	35.0	35.0	34.9	34.9	34.9	35.7
6	35.0	35.1	35.1	35.4	35.7	36.3	36.6	37.0	37.3	37.6	36.8	35.9	35.7	35.5	35.6	35.5	35.5	35.7	35.6	35.5	35.2	35.2	35.1	35.2	35.8
7	35.2	35.2	35.2	35.3	35.3	35.6	36.0	37.1	38.4	38.1	37.1	36.1	35.7	35.6	35.5	35.4	35.3	35.3	35.2	35.1	35.0	35.0	35.1	35.1	35.7
8	35.0	35.2	35.4	35.7	36.2	36.6	37.2	37.5	37.7	36.6	35.7	35.5	35.4	35.5	35.5	35.5	35.6	35.5	35.4	35.3	35.3	35.2	35.2	35.2	35.8
9	35.2	35.5	35.7	36.1	36.1	36.1	36.0	36.1	35.7	35.4	35.1	35.0	35.0	34.9	35.0	35.0	34.9	34.8	34.8	34.8	34.7	34.8	34.8	34.8	35.3
10	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	34.9	34.9	34.9	34.9	34.9	34.9	34.9
11	34.9	35.0	35.2	35.2	35.2	35.1	35.2	35.1	35.1	35.1	35.1	35.2	35.3	35.4	35.3	35.2	35.1	35.0	34.8	34.8	34.8	34.8	34.8	34.8	35.1
12	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	35.0	35.1	35.1	35.0	35.0	34.9	34.8	34.8	34.7	34.7	34.7	34.7	34.7	34.8
13	34.7	34.7	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.8	34.9	34.9	34.9	34.8	34.8	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.7
14	34.8	34.8	35.1	35.5	35.7	35.8	35.8	35.5	35.0	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	34.9	34.8	34.7	34.7	34.7	34.7	34.7	35.0
15	34.7	34.7	34.7	34.7	34.7	34.6	34.5	34.3	34.3	34.4	34.5	34.6	34.5	34.6	34.5	34.1	34.0	34.1	34.2	34.1	34.1	34.1	34.4	34.5	34.4
16	34.4	34.7	34.7	34.7	35.0	34.9	34.8	34.8	34.9	35.1	35.2	35.2	35.3	35.3	35.2	35.2	35.1	35.1	35.0	34.9	34.9	34.9	34.8	34.8	35.0
17	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.8	34.9	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.1	35.0	35.0	34.9	34.8	34.9	34.9	34.9	35.0
18	34.9	34.9	34.9	34.9	34.9	34.8	34.9	34.9	34.9	35.0	35.1	35.2	35.2	35.1	35.1	35.1	35.0	34.9	34.9	34.8	34.8	34.8	34.8	34.8	34.9
19	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.9	35.1	35.2	35.3	35.4	35.5	35.5	35.4	35.1	35.0	35.0	34.9	34.9	34.9	34.9	34.8	35.0
20	34.8	34.9	34.9	34.8	34.8	34.8	34.8	34.9	34.9	35.0	35.1	35.2	35.3	35.3	35.3	35.2	35.2	35.1	35.0	35.0	35.0	35.0	35.0	35.0	35.0
21	34.9	35.0	34.9	35.5	36.1	36.3	36.5	36.8	35.8	35.4	35.5	35.6	35.7	35.7	35.6	35.5	35.4	35.3	35.2	35.2	35.3	35.2	35.2	35.2	35.5
22	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.3	35.4	35.4	35.6	35.5	35.3	35.3	35.3	35.1	35.0	35.0	35.0	35.0	35.0	35.2
23	35.0	35.0	35.1	35.5	35.9	36.0	36.5	36.6	37.6	42.1	45.8	34.8	35.0	35.0	34.8	34.8	34.5	34.5	34.3	34.3	34.3	34.1	34.2	34.1	35.9
24	34.1	34.0	34.5	34.8	35.0	35.5	35.8	36.3	35.6	35.0	34.7	34.7	34.7	34.6	34.7	34.5	34.7	34.4	34.2	34.1	34.2	34.2	34.2	34.3	34.7
25	34.2	34.2	34.2	34.2	34.1	34.1	34.1	34.0	34.1	33.9	33.9	33.8	33.8	33.8	33.8	33.8	33.8	33.7	33.7	33.8	33.7	33.7	33.8	33.8	33.9
26	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.7	33.7	33.8	33.9	34.0	34.0	34.1	34.0	33.9	33.9	33.9	33.8	33.8	33.7	33.7	33.7	33.7	33.8
27	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.6	33.5	33.5	33.5	33.6	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.6
28	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	34.0	34.0	34.0	33.9	33.9	33.9	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
29	33.8	33.8	33.8	33.8	33.7	33.7	33.6	33.6	33.4	33.4	33.4	33.4	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.6	33.7	33.7	33.6
30	33.7	33.7	33.8	33.9	33.9	33.8	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	33.9	33.9	33.9	33.8	33.8	33.8	33.8	33.8	33.8	33.9
31	33.8	33.8	33.8	33.8	33.8	33.8	33.7	33.8	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
																						MONTHLY AVERAGE			32.8

Aquatec, Inc 29-MAR-95 14:48:00 Tank temperature about 0.7 deg F higher than river temperature

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

April 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.3	34.3	34.4	34.4	34.5	34.5	34.5	34.5	34.4	34.4	34.4	34.2	34.2	34.3	34.3
2	34.3	34.4	34.3	34.3	34.2	34.2	34.1	34.1	34.1	34.1	34.2	34.4	34.5	34.6	34.6	34.7	34.7	34.6	34.6	34.4	34.4	34.4	34.4	34.4	34.4
3	34.3	34.4	34.4	34.3	34.4	34.4	34.4	34.5	34.6	34.7	34.8	35.0	35.2	35.5	35.6	35.6	35.7	35.6	35.5	35.5	35.3	35.2	35.2	35.1	35.0
4	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.7	35.6	35.7	35.8	35.9	36.0	36.0	36.0	35.8	35.7	35.7	35.8	35.9	35.9	35.9	35.8	35.7
5	35.7	35.7	35.6	35.5	35.5	35.4	35.3	35.1	35.0	34.9	34.9	34.9	35.0	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.2	35.4	35.6	35.8	35.2
6	35.8	35.8	35.8	35.9	36.1	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.6	36.7	36.8	36.9	37.1	37.3	37.5	37.6	37.6	37.7	37.7	37.8	36.7
7	37.7	37.7	37.6	37.6	37.5	37.4	37.3	37.2	37.2	37.2	37.1	37.2	37.3	37.3	37.2	37.2	37.2	37.2	37.0	36.8	36.6	36.5	36.3	36.2	37.1
8	36.1	36.0	35.8	35.7	35.6	35.5	35.5	35.5	35.5	35.5	35.6	35.7	35.8	36.0	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.0
9	36.5	36.5	36.5	36.6	36.6	36.5	36.5	36.4	36.4	36.5	36.5	36.7	36.8	37.0	37.2	37.4	37.4	37.5	37.5	37.5	37.5	37.6	37.5	37.5	37.0
10	37.6	37.6	37.5	37.3	37.3	37.3	37.3	37.4	37.4	37.5	37.5	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8		37.8	37.8	37.7	37.7	37.6
11	37.7	37.8	37.8	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.9	38.0	38.1	38.2	38.2	38.3	38.3	38.3	38.2	38.2	38.3	37.9
12	38.3	38.3	38.3	38.4	38.4	38.3	38.2	38.2	38.3	38.3	38.4	38.4	38.6	38.8	38.9	39.0	39.1	39.2	39.2	39.3	39.3	39.2	39.2	39.3	38.7
13	39.3	39.3	39.4	39.5	39.6	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.7	39.7	39.7	39.7	39.7	39.6	39.6	39.5	39.4	39.3	39.3	39.2	39.6
14	39.1	39.1	39.1	39.1	39.0	39.0	38.9	38.8	38.7	38.6	38.5	38.5	38.5	38.5	38.5	38.6	38.5	38.5	38.3	38.3	38.3	38.4	38.4	38.5	38.7
15	38.5	38.4	38.4	38.4	38.2	38.1	38.0	38.0	38.0	38.0	38.2	38.4	38.6	38.8	39.1	39.2	39.4	39.5	39.7	39.8	39.9	40.0	40.2	40.2	38.9
16	40.3	40.3	40.3	40.2	40.1	40.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.3	40.3	40.4	40.5	40.5	40.6	40.7	40.2
17	40.7	40.6	40.6	40.5	40.3	40.2	40.1	39.9	39.9	39.9	40.0	40.0	40.1	40.2	40.4	40.5	40.6	40.6	40.7	40.8	40.7	40.6	40.5	40.4	40.4
18	40.3	40.2	40.2	40.1	40.0	39.9	39.8	39.8	39.7	39.7	39.8	39.9	39.9	40.0	40.1	40.2	40.4	40.4	40.4	40.3	40.2	40.1	39.9	39.8	40.0
19	39.7	39.6	39.5	39.5	39.4	39.4	39.4	39.3	39.3	39.3	39.3	39.2	39.2	39.4	39.6	39.8	39.9	39.8	39.8	39.8	39.8	39.8	39.7	39.7	39.5
20	39.7	39.7	39.7	39.7		39.6	39.6	39.6	39.7	39.8	39.9	40.2	40.4	40.6	40.8	41.0	41.1	41.1	41.0	40.9	40.9	40.8	40.8	40.7	40.3
21	40.7	40.6	40.6	40.5	40.6	40.6	40.6	40.6	40.6	40.7	40.8	40.9	41.0	41.1	41.3	41.4	41.6	41.8	41.7	41.6	41.6	41.6	41.5	41.4	41.1
22	41.4	41.3	41.2	41.1	41.0	41.0	40.9	40.9	40.9	40.9	41.0	41.1	41.3	41.4	41.6	41.7	41.9	41.9	42.0	42.0	42.1	42.1	42.1	42.1	41.5
23	42.1	42.2	42.2	42.1	42.1	42.0	41.9	41.8	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.5	42.6	42.5	42.5	42.4	42.4	42.4	42.4	42.2
24	42.5	42.5	42.4	42.4	42.4	42.4	42.3	42.3	42.3	42.3	42.5	42.6		42.9	43.1	43.3	43.3	43.3	43.3	43.4	43.5	43.6	43.7	43.7	42.9
25	43.7	43.7	43.6	43.7	43.7	43.7	43.8	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.2	44.3	44.4	44.5	44.6	44.6	44.7	44.7	44.8	44.8	44.2
26	44.8	44.8	44.8	44.7	44.8	44.8	44.8	44.8	44.9	44.8	44.7	44.6	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.7	44.8	44.9	44.7
27	44.9	45.0	45.0	45.0	44.9	44.9	44.8	45.2	46.6	45.9	45.4	45.3	45.5	45.6	45.7	45.9	46.1	46.3	46.3	46.4	46.5	46.5	46.6	46.6	45.7
28	46.7	46.7	46.8	46.8	46.7	46.7	46.6	46.5	46.5	46.5	46.7	46.8	47.0	47.2	47.3	47.5	47.6	47.8	47.9	47.9	48.0	48.0	48.0	47.9	47.2
29	47.9	47.8	47.7	47.7	47.6	47.5	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.4	47.4	47.4	47.4	47.4	47.3	47.2	47.1	47.0	46.9	46.8	47.4
30	46.7	46.6	46.5	46.4	46.3	46.2	46.1	46.1	46.1	46.2	46.3	46.3	46.5	46.6	46.7	46.8	46.9	46.9	46.9	46.8	46.8	46.9	46.9	46.8	46.5
																						MONTHLY AVERAGE			39.9

Aquatec, Inc 30-MAR-95 10:34:55

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

May 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	46.8	46.8	46.8	46.7	46.7	46.7	46.7	46.7	46.7	46.6	46.7	46.7	46.7	46.8	46.8	47.0	47.1	47.1	47.2	47.2	47.1	47.1	47.1	47.1	46.9
2	47.0	46.8	46.7	46.4	46.3	46.1	46.1	46.0	46.0	45.9	45.9	45.9	46.1	46.3	46.9	47.1	47.0	46.5	46.5	46.5	46.6	46.6	46.6	46.5	46.4
3	46.5	46.4	46.4	46.5	46.5	46.2	46.0	45.9	45.9	46.1	46.3	46.4	46.6	46.8	46.9	47.7	47.6	47.5	47.2	47.1	47.0	47.0	47.1	47.0	46.7
4	47.0	47.0	46.9	46.9	46.9	46.9	46.8	46.7	46.6	46.6	46.7	46.8	47.0	47.2	47.3	47.5	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.2
5	47.7	47.8	47.7	47.7	47.7	47.7	47.8	47.9	48.0	48.0	48.0				48.3	48.3	48.3	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.1
6	48.6	48.6	48.6	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.7	48.7	48.8	48.8	48.8	49.0	49.1	49.1	49.0	49.0	48.9	48.8	48.6	48.5	48.7
7	48.5	48.4	48.3	48.3	48.3	48.3	48.2	48.2	48.3	48.4	48.6	48.8	49.1	49.3	49.5	49.7	49.9	49.9	49.9	49.9	49.8	49.8	49.8	49.6	49.0
8	49.6	49.6	49.5	49.4	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.5	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0		50.0	49.6
9	50.0	49.9	49.9	49.9	49.8	49.8	49.9	49.9	50.1	50.2	50.4	50.7	50.9	51.1	51.3	51.4	51.5	51.5	51.5	51.5	51.4	51.5	51.5	51.5	50.7
10	51.5	51.5	51.4	51.4	51.3	51.3	51.3	51.4	51.6	51.8	52.0	52.2	52.5	52.6	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.6	52.7	52.8	52.1
11	52.9	53.0	53.0	52.9	52.9	52.8	52.8	52.8	52.9	53.0	53.3	53.5	53.8	54.0	54.2	54.3	54.3	54.3	54.2	54.2	54.2	54.1	54.1	54.0	53.6
12	54.0	54.0	53.9	53.8	53.7	53.7	53.5	53.5	53.5	53.5	53.5	53.6	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.1	54.0	53.9	53.9	53.9
13	53.9	53.7	53.6	53.5	53.4	53.3	53.1	53.1	53.0	53.0	53.0	53.0	53.1	53.3	53.4	53.6	53.7	53.9	53.9	53.9	53.8	53.6	53.5	53.4	53.5
14	53.3	53.2	53.2	53.1	53.1	53.0	52.9	52.9	52.8	52.9	53.0	53.2	53.5	53.7	53.8	53.9	54.1	54.2	54.1	54.0	53.9	53.7	53.6	53.5	53.4
15	53.4	53.4	53.4	53.3	53.3	53.3	53.2	53.2	53.3	53.4	53.6	53.7	53.9	54.1	54.3	54.3	54.3	54.2	54.1	54.1	54.1	54.0	54.0	54.0	53.7
16	54.0	54.0	53.9	53.9	53.9	53.8	53.6	53.6	53.5	53.4	53.3	53.3	53.4	53.4	53.5	53.7	53.7	53.8	53.7	53.7	53.3	53.2	53.2	53.1	53.6
17	53.1	53.1	52.8	52.6	52.5	52.4	52.4	52.2	52.0	51.9	51.8	51.8	51.8	51.9	52.0	52.0	52.1	52.2	52.3	52.2	52.2	52.2	52.1	52.1	52.3
18	52.0	51.9	51.9	51.8	51.7	51.6	51.5	51.4	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.6	51.6	51.6	51.5	51.5	51.5	51.5	51.5	51.5	51.6
19	51.5		51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.8	51.9	51.9	51.9	52.1	52.1	52.1	52.2	52.1	52.1	52.0	51.9	51.8	51.7	51.7	51.8
20	51.7	51.6	51.6	51.5	51.5	51.5	51.4	51.5	51.5	51.7	52.0	52.2	52.4	52.7	53.0	53.3	53.4	53.6	53.5	53.4	53.4	53.3	53.2	53.2	52.4
21	53.2	53.2	53.2	53.2	53.1	53.1	53.1	53.1	53.2	53.3	53.5	53.8	54.2	54.6	55.0	55.2	55.5	55.7	55.9	56.0	55.9	55.9	55.8	55.7	54.4
22	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	56.0	56.2	56.4	56.7	57.0	57.3	57.4	57.6	57.9	58.1	58.1	58.2	58.1	58.2	58.3	58.2	56.9
23	58.2	58.1	58.2	58.3	58.4	58.5	58.5	58.6	58.7	58.8	59.1	59.3	59.6	59.8	60.1	60.3	60.4	60.5	60.6	60.7	60.6	60.4	60.4	60.3	59.5
24	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.7	60.8	61.0	61.3	61.6	62.0	62.1	62.3	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.5	61.5
25	62.4	62.3	62.3	62.4	62.3	62.2	61.8	61.9	62.2	62.2	62.3	62.4	62.4	62.5	62.7	62.8	63.0	63.1	63.3	63.3	63.4	63.4	63.3	63.3	62.6
26	63.3	63.3	63.3	63.2	63.2	63.2	63.1	63.1	62.9	62.9	62.8	62.7	62.7	62.8	62.7	62.7	62.7	62.8	62.8	63.0	62.9	62.8	62.8	62.7	62.9
27	62.6	62.6	62.4	62.3	62.1	61.9	61.7	61.6	61.5	61.3	61.3	61.2	61.0	61.1	61.2	61.4	61.5	61.6	61.6	61.6	61.5	61.4	61.3	61.2	61.6
28	61.1	60.9	60.8	60.6	60.4	60.2	59.9	59.7	59.6	59.6	59.5	59.5	59.5	59.6	59.9	59.8	59.8	59.8	59.7	59.6	59.5	59.3	59.2	59.2	59.9
29	59.1	58.9	58.7	58.6	58.5	58.5	58.4	58.4	58.5	58.6	58.8	59.0	59.1	59.3	59.4	59.5	59.6	59.6	59.6	59.4	59.2	59.0	58.9	58.8	59.0
30	58.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9	59.0	59.3	59.6	59.8	60.1	60.3	60.3	60.5	60.5	60.6	60.6	60.5	60.5	59.5
31	60.6	60.5	60.4	60.3	60.2	60.2	60.1	60.0	60.1	60.1	60.1	60.2	60.4	60.5	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.5
																						MONTHLY AVERAGE			54.0

Aquatec, Inc 30-MAR-95 10:34:55

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

June 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1			60.9	60.9	60.8	60.7	60.5	60.4	60.4	60.5	60.8	61.1	61.5	61.8	61.8	62.0	62.0	62.1	62.2	62.3	62.3	62.2	62.1	62.0	61.4
2	62.0	61.9	61.8	61.7	61.7	61.6	61.5	61.5	61.5	61.5	61.6	61.7	61.8	61.9	62.0	62.2	62.1	62.1	62.2	61.9	61.9	61.8	61.7	61.7	61.8
3	61.6	61.5	61.6	61.5	61.3	61.1	60.8	60.7	60.8	60.9	61.3	61.7	61.9	62.2	62.6	62.8	62.9	62.9	62.9	62.9	62.8	62.7	62.7	62.6	61.9
4	62.5	62.3	62.2	62.1	62.0	61.9	61.6	61.5	61.6	61.9	62.2	62.5	62.6	63.3	63.7	63.8	63.9	63.8	63.9	63.8	63.7	63.6	63.5	63.4	62.8
5	63.2	63.2	63.2	63.2	63.2	63.1	63.0	62.8	62.7	62.9	63.6	64.0	64.3	64.6	64.7	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.5	64.4	63.9
6	64.3	64.2	64.0	63.7	63.4	63.2	62.9	63.1	63.5	62.9	63.1	63.7	63.8	63.9	64.0	64.1	64.3	64.4	64.6	64.7	64.8	64.8	64.9	64.9	64.0
7	64.8	64.6	64.4	64.1	64.0	63.9	63.9	63.9	64.0	64.1	64.8	65.1	65.4	65.7	65.9	66.1	66.3	66.6	66.8	66.9	66.9	67.0	66.9	66.8	65.4
8	66.8	66.6	66.4	66.1	65.8	65.5	65.3	65.1	65.2	65.5	65.8	66.0	66.3	66.7	67.0	67.3	67.5	67.6	67.7	67.6	67.6	67.4	67.0	66.9	66.5
9	66.9	66.7	66.5	66.3	66.2	66.1	65.7	65.2	65.2	66.0	66.5	66.8	67.2	67.6	67.9	68.1	68.3	68.4	68.5	68.4	68.3	68.1	67.8	67.6	67.1
10	67.4	67.2	67.0	66.8	66.6	66.5	66.3	65.9	65.6	66.3	66.9	67.3	67.7	68.0	68.2	68.4	68.5	68.5	68.5	68.4	68.1	67.8	67.5	67.2	67.4
11	67.0	66.9	66.9	66.9	66.8	66.9	67.1	67.3	67.6	67.8	68.0	68.2	68.2	67.8	67.7	67.7	67.6	67.5	67.4	67.2	67.1	66.9	66.9	66.9	67.4
12	66.9	66.8	66.8	66.7	66.6	66.5	66.3	66.1	66.1	66.1	66.1	66.6	67.5	67.7	67.7	67.7	68.0	68.0	68.1	68.2	68.2	68.3	68.1	68.0	67.2
13	67.9	67.9	67.6	67.3	66.9	66.6	66.5	66.5	66.4	66.4	66.5	67.0	67.6	68.1	68.3	68.4	68.6	68.5	68.8	68.8	68.7	68.8	69.0	68.9	67.7
14	69.0	69.1	69.1	69.0	68.9	68.9	68.9	68.8	68.8	68.7	68.9	68.9	68.9	68.8	68.7	68.8	69.1	69.4	69.5	69.6	69.7	69.8	69.9	69.9	69.1
15	69.7	69.6	69.5	69.4	69.4	69.4	68.8	68.5	68.7	69.3	69.8		69.9	70.1	70.4	70.7	70.8	70.7	70.6	70.4	70.3	70.2	70.3	70.3	69.9
16	70.2	70.3	70.2	70.2	70.3	70.4	70.4	70.5	70.7	70.9	71.0	71.2	71.2	71.5	71.9	72.2	72.0	71.9	71.7	71.8	71.9	71.9	72.3	72.7	71.2
17	72.9	72.9	72.9	72.9	72.8	72.8	72.4	71.9	71.8	72.3	73.1	73.5	73.6	74.0	74.1	74.0	74.0	73.9	74.0	73.9	73.8	74.0	74.1	74.0	73.3
18	73.9	73.8	73.8	73.7	73.7	73.7	73.7	73.7	73.7	73.9	74.1	74.2	74.6	74.9	75.3	75.6	75.7	75.8	76.1	76.2	76.2	76.0	75.7	75.4	74.7
19	75.3	75.3	75.0	74.8	74.7	74.5	74.3	74.1	74.1	74.2	74.4	75.5	76.7	77.1	77.1	77.3	77.3	77.3	77.4	77.3	77.3	77.3	77.2	77.1	75.9
20	76.8	76.8	76.7	76.7	76.6	76.5	76.3	76.2	76.1	75.9	75.7	75.8	76.3	76.8	77.2	77.4	77.5	77.6	77.9	78.0	77.9	77.8	77.7	77.6	76.9
21	77.3	77.0	76.6	76.3	76.0	75.8	75.6	75.5	75.4	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.1
22	76.3	76.2	76.1	76.0	75.9	75.8	75.5	74.8	74.4	74.3	75.1	75.5	75.8	76.0	76.0	76.0	76.1	76.1	76.3	76.3	76.3	76.1	75.9	76.0	75.8
23	75.9	75.9	75.9	75.8	75.6	75.5	75.5	75.4	75.4	75.3	75.4	75.7	75.8	76.0	76.2	76.1	76.1	76.1	76.2	76.1	76.0	75.8	75.6		75.8
24	75.5	75.5	75.4	75.3	75.1	75.1	75.0	74.9	74.6	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.7	74.7	74.7	74.6	74.5	74.5	74.9
25	74.5	74.5	74.4	74.3	74.1	74.0	74.0	74.0	74.0	73.9	73.9	73.9	73.9	74.1	74.4	74.5	74.7	74.8	74.8	74.7	74.6	74.4	74.2	74.1	74.3
26	74.0	73.9	73.8	73.6	73.3	73.0	72.7	72.6	72.6	72.7	72.9	73.0	73.0	73.5	74.1	74.6	75.0	75.4	75.6	75.6	75.5	75.2	74.8	74.5	74.0
27	74.2	73.7	73.5	73.5	73.4	73.2	72.8	72.5	72.2	72.4	73.1	73.4	73.4	73.5	73.6	73.6	73.8	73.7	73.7	73.8	74.0	74.0	73.8	73.6	73.5
28	73.3	73.0	72.7	72.5	72.3	72.2	72.1	72.1	72.1	72.2	72.6	73.1	73.7	73.9	74.1	74.1	74.3	74.5	74.7	74.7	74.7	74.6	74.6	74.6	73.4
29	74.6	74.4	74.1	74.2	74.1	74.0	74.0	73.8	73.5	73.4	73.5	73.8	74.2	74.3	74.3	74.3	74.3	74.4	74.3	74.1	73.9	73.8	73.7	73.4	74.0
30	73.3	73.3	73.3	73.2	73.2	73.2	73.0	73.1	73.2	73.0	73.2	73.5	73.6	73.8	74.0	74.2	74.2	74.3	74.3	74.1	74.0	73.9	73.6	73.6	73.6
																						MONTHLY AVERAGE			70.1

Aquatec, Inc 30-MAR-95 10:34:55

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3 (Tank from 27 July, 1900)

July 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	73.6	73.5	73.5	73.4	73.2	73.1	73.2	72.9	72.5	72.8	73.4	73.8	74.0	74.1	74.2	74.4	74.6	74.8	75.0	75.0	75.1	75.1	75.0	75.0	74.0
2	74.9	74.7	74.5	74.4	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.7	75.0	75.2	75.4	75.6	75.7	76.0	76.2	76.4	76.3	76.1	75.9	75.8	75.1
3	75.7	75.5	75.4	75.2	74.8	74.4	74.1	74.1	74.0	74.0	74.3	74.5	74.5	74.7	75.0	75.3	75.6	75.8	75.7	75.5	75.4	75.2	75.2	75.1	75.0
4	75.0	74.8	74.7	74.5	74.3	73.9	73.7	73.6	73.7	73.7	73.9	74.1	74.4	74.5	74.6	74.8	75.0	75.2	75.1	75.1	75.1	74.9	74.7	74.6	74.5
5	74.6	74.4	74.3	74.2	74.0	73.9	73.9	73.9	73.6	73.7	74.3	74.6	74.8	74.8	75.0	75.2	75.4	75.5	75.5	75.6	75.6	75.7	75.7	75.7	74.7
6	75.7	75.7	75.7	75.5	75.3	75.0	74.8	74.7	74.8	74.9	75.5	76.2	76.4	76.5	76.6	76.6	76.9	77.2	77.4	77.5	77.6	77.6	77.6	77.4	76.2
7	77.0	76.8	76.6	76.3	76.2	76.0	75.9	75.8	75.8	76.5	77.0	77.2	77.4	77.6	77.8	78.0	78.3	78.5	78.5	78.2	77.7	77.6	77.7	77.6	77.2
8	77.3	77.1	76.9	76.8	76.7	76.6	76.6	76.6	76.6	76.6	76.8	77.1	77.7	78.2	78.7	79.0	79.1	79.1	79.0	78.8	78.8	78.9	78.9	78.8	77.8
9	78.7	78.7	78.4	78.1	77.9	77.8	77.7	77.6	77.6	77.5	77.7	78.0	78.4	78.5	78.5	78.6	78.8	78.8	78.8	78.9	78.9	78.6	78.6	78.4	78.2
10	78.2	78.0	78.0	77.9	77.9	77.9	77.9	77.9	78.0	78.2	78.3	78.4	79.2	79.7	80.0	79.9	79.8	79.7	79.5	79.4	79.2	79.1	78.9	78.7	78.7
11	78.4	78.2	78.0	77.8	77.7	77.7	77.7	77.8	78.0	78.2	78.5	78.4	78.6	78.9	79.1	79.3	79.5	79.6	79.7	79.5	79.3	79.1	79.0	78.8	78.6
12	78.5	78.3	78.1	77.9	77.8							79.2	78.9	79.2	79.5	79.8	80.3	80.4	80.4	80.3	80.2	80.1	80.0	79.9	79.9
13	79.8	79.6	79.5	79.4	79.2	79.0	78.7	78.5	78.4	78.4	78.5	78.8	79.0	79.2	79.5	79.8	80.1	80.3	80.4	80.3	80.2	80.1	80.0	79.9	79.4
14	79.8	79.6	79.5	79.3	79.1	78.9	78.8	78.7	78.7	78.8	78.9	79.1	79.3	79.5	79.8	79.8	79.9	80.0	80.1	80.1	79.8	79.6	79.4	79.2	79.4
15	78.9	78.6	78.3	78.1	78.0	77.9	77.8	77.7	77.6	77.5	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.9	77.8	77.8	77.8	77.8	77.8
16	77.7	77.7	77.6	77.5	77.3	77.2	77.1	77.0	77.0	77.0	77.3	77.6	77.8	78.0	78.2	78.3	78.4	78.8	79.0	79.0	78.9	78.8	78.8	78.8	78.0
17	78.8	78.7	78.7	78.4	78.2	78.0	77.8	77.7	77.6	77.6	77.7	77.8	78.0	78.1	78.2	78.5	78.6	78.5	78.3	78.2	78.0	77.9	77.9	77.8	78.1
18	77.7	77.7	77.7	77.6	77.5	77.3	77.2	77.2	77.1	77.1	77.1	77.0	77.2	77.4	77.6	77.7	77.9	78.0	78.0	78.0	77.9	77.8	77.7	77.6	77.5
19	77.5	77.5	77.4	77.4	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.5	77.9	78.2	78.5	78.7	79.0	79.2	79.4	79.5	79.4	79.4	79.3	79.1	78.2
20	78.9	78.7	78.4	78.2	78.0	77.9	77.8	77.7	77.7	77.8	77.8	78.1	78.5	79.0	79.3	79.4	79.3	79.2	79.0	78.7	78.7	78.8	78.9	78.8	78.5
21	78.7	78.5	78.2	77.9	77.6	77.4	77.3	77.3	77.4	77.4	77.9	78.6	79.0	79.1	79.2	79.3	79.5	79.6	79.6	79.5	79.4	79.1	78.9	78.7	78.5
22	78.6	78.6	78.6	78.6	78.7	78.5	78.3	78.0	77.8	77.6	77.6	78.4	79.2	79.4	79.5	79.6	79.7	79.7	79.7	79.6	79.6	79.4	78.7	78.6	78.8
23	78.5	78.4	78.3	78.0	77.8	77.7	77.6	77.5	77.6	77.6	77.6	77.7	78.4	78.8	SYSTEM INOPERATIVE										78.0
24	SYSTEM INOPERATIVE																								
25	SYSTEM INOPERATIVE																								
26	SYSTEM INOPERATIVE																								
27	SYSTEM INOPERATIVE																		81.4	81.2	80.9	80.8	80.6	80.5	80.9
28	80.4	80.4	80.3	80.3	80.2	80.1	80.1	80.0	79.9	79.8	79.8	79.7	79.7	79.7	79.8	79.7	79.7	79.8	79.7	79.6	79.6	79.6	79.5	79.5	79.9
29	79.4	79.3	79.2	79.1	79.0	79.0	79.0	79.0	79.1	79.2	79.4	79.6	79.9	80.3	80.5	80.7	80.8	80.8	80.6	80.4	80.2	80.1	80.2	80.1	79.7
30	80.1	80.1	80.1	80.1	80.0	79.8	79.7	79.7	79.7	79.7	79.7	79.8	80.0	80.1	80.3	80.5	80.6	80.7	80.6	80.4	80.5	80.4	80.4	80.3	80.2
31	80.2	80.0	79.9	79.8	79.7	79.6	79.5	79.4	79.3	79.4	79.5	79.6	79.8	80.0	80.2	80.4	80.5	80.6	80.4	80.3	80.1	80.0	79.9	79.8	79.9
																						MONTHLY AVERAGE			78.6

Aquatec, Inc 29-MAR-95 14:48:00 Tank temperature about 0.2 deg F higher than river temperature

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3 (Tank until 9 August, 1300)

August 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	79.7	79.7	79.7	79.7	79.6	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.8	80.1	80.2	80.3	80.1	80.1	80.2	80.2	80.2	80.1	80.1	80.1	79.9
2	80.0	80.0	79.8	79.8	79.8	79.7	79.7	79.7	79.7	79.8	79.9	80.1	80.2	80.3	80.3	80.4	80.4	80.3	80.1	80.0	79.9	79.9	79.8	79.7	80.0
3	79.6	79.5	79.4	79.3	79.2	79.0	78.9	78.8	78.8	78.8	78.8	79.2	79.6	79.9	80.3	80.4	80.4	80.5	80.6	80.6	80.5	80.5	80.4	80.4	79.7
4	80.3	80.1	80.0	79.8	79.6	79.4	79.3	79.3	79.3	79.3	79.4	79.7	80.2	80.5	80.7	80.7	80.8	80.9	80.9	80.8	80.7	80.6	80.5	80.6	80.2
5	80.5	80.4	80.1	79.9	79.7	79.5	79.4	79.4	79.3	79.3	79.4	80.1	80.3	80.3	80.2	80.1	80.0	79.9	79.5	79.5	79.4	79.2	79.0	78.8	79.7
6	78.6	78.5	78.3	78.1	77.9	77.7	77.5	77.3	77.3	77.3	77.4	77.5	77.6	77.7	78.0	78.3	78.6	78.7	78.7	78.4	78.2	78.1	78.0	77.8	78.0
7	77.7	77.5	77.4	77.2	77.1	76.9	76.8	76.7	76.7	76.8	77.0	77.3	77.7	78.0	78.3	78.6	78.7	78.8	78.8	78.7	78.8	78.5	78.3	78.2	77.8
8	78.0	77.9	77.7	77.5	77.2	77.1	76.9	76.8	76.8	77.0	77.2	77.6	77.9	78.2	78.5	78.7	78.7	78.7	78.7	78.5	78.1	77.8	77.7	77.6	77.8
9	77.5	77.3	77.2	77.0	76.9	76.8	76.7	76.7	76.7	76.8	77.0	77.4	77.8	77.2	78.2	78.1	78.2	78.6	78.8	78.6	78.5	78.4	78.3	78.1	79.8
10	78.0	77.9	77.8	77.6	77.5	77.3	77.2	77.2	77.3	77.4	77.6	77.8	78.0	78.5	78.6	78.6	78.7	78.7	78.6	78.6	78.5	78.4	78.2	78.1	78.0
11	77.9	77.7	77.6	77.4	77.3	77.2	77.1	77.0	77.0	77.0	77.1	77.1	77.2	77.3	77.4	77.5	77.6	77.5	77.4	77.4	77.3	77.1	76.9	76.7	77.3
12	76.6	76.4	76.4	76.3	76.3	76.2	76.1	76.1	76.1	76.2	76.4	76.6	76.9	77.1	77.3	77.5	77.4	77.3	77.0	76.7	76.5	76.3	76.2	76.1	76.6
13	76.1	76.0	76.0	76.0	76.0	75.9	75.9	75.9	75.9	76.0	76.1	76.2	76.5	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.5	77.4	77.2	76.7
14	77.1	76.9	76.8	76.6	76.6	76.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.3	76.3	76.3	76.3	76.4	76.8	77.0	77.0	76.9	76.8	76.7	76.6
15	76.6	76.5	76.4	76.2	76.0	75.9	75.7	75.6	75.5	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.9	75.8	75.7	75.5	75.4	75.3	75.2	75.0	75.7
16	74.9	74.8	74.6	74.5	74.3	74.2	74.1	74.0	74.0	74.1	74.2	74.4	74.6	75.1	75.3	75.5	75.6	75.5	75.4	75.4	75.4	75.3	75.3	75.2	74.8
17	75.0	75.0	74.9	74.8	74.7	74.5	74.4	74.3	74.3	74.3	74.4	74.5	74.7	74.9	75.1	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.4	75.3	74.9
18	75.3	75.2	75.1	74.9	74.8	74.7	74.5	74.2	74.2	74.6	74.7	74.7	74.6	74.6	74.5	74.5	74.5	74.5	74.4	74.3	74.3	74.3	74.2		74.6
19	74.1	74.0	73.9	73.9	73.8	73.8	73.7	73.2	72.8	73.6	73.9	74.0	74.1	74.2	74.1	74.0	74.1	74.1	74.1	74.1	74.1	74.0	73.9	73.8	73.9
20	73.3	73.2	72.9	72.8	72.6	72.7	72.9	72.9	72.9	72.9	72.8	72.8	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.6	73.6	73.5	73.5	73.4	73.1
21	73.3	73.2	73.2	73.1	73.1	73.0	73.0	73.1	73.1	73.2	73.2	73.4	73.6	73.8	74.0	74.1	74.1	74.2	74.2	74.1	74.1	74.0	73.9	73.8	73.6
22	73.7	73.7	73.7	73.6	73.5	73.4	73.4	73.3	73.2	73.0	72.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.7	72.6	72.4	72.2	72.0	73.0
23	71.8	71.6	71.4	71.2	71.1	71.0	70.7	69.9	69.8	70.5	70.7	70.8	71.0	71.2	71.4	71.5	71.6	71.7	71.7	71.6	71.4	71.3	71.2	71.1	71.1
24	71.1	71.0	71.0	71.0	71.0	70.9	70.7	70.7	70.6	70.7	70.6	70.9	71.3	71.8	72.1	72.3	72.3	72.3	72.2	72.1	72.0	71.9	71.8	71.5	71.4
25	71.4	71.3	71.1	70.8	70.6	70.4	70.2	70.2	70.3	70.6	71.0	71.1	71.1	71.6	71.8	72.0	72.1	72.1	72.1	71.9	71.8	71.7	71.6	71.6	71.2
26	71.5	71.5	71.4	71.2	70.9	70.7	70.5	70.4	70.3	70.2	70.3	71.0	71.6	71.9	72.0	72.1	72.0	71.9	71.8	71.7	71.7	71.5	71.5	71.3	71.3
27	71.1	71.0	70.8	70.7	70.7	70.6	70.5	70.5	70.5	70.5	70.4	71.1	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.3	72.2	72.2	72.0	71.9	71.5
28	71.8	71.8	71.6	71.5	71.3	71.1	71.0	71.1	71.1	71.2	71.3	71.5	71.7	72.3	72.8	73.0	73.2	73.3	73.4	73.4	73.3	73.2	73.1	73.1	72.1
29	73.1	73.1	73.1	73.0	72.8	72.5	72.2	72.0	71.9	72.2	72.7	72.9	73.0	73.4	73.6	73.8	73.9	74.0	73.9	73.7	73.6	73.5	73.4	73.3	73.1
30	73.2	73.1	73.0	72.7	72.4	72.1	71.9	71.7	71.7	71.8	72.6	73.0	73.1	73.3	73.4	73.6	73.7	73.8	73.7	73.7	73.7	73.6	73.5	73.3	73.0
31	72.9	72.8	72.6	72.5	72.3	72.1	72.0	71.9	71.9	71.9	72.4	72.9	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.2	73.1	73.0	72.9	72.8	72.7
																						MONTHLY AVERAGE			74.0

Aquatec, Inc 29-MAR-95 14:48:00 Tank temperature about 0.2 deg F higher than river temperature

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

September 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	72.8	72.7	72.5	72.4	72.3	72.2	72.1	72.0	71.9	72.0	72.1	72.0	71.9	71.8	71.8	72.0	72.0	72.0	72.1	72.2	72.2	72.1	72.1	72.0	72.1
2	71.8	71.7	71.6	71.4	71.3	71.2	71.1	71.0	71.0	71.1	71.2	71.3	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.6	71.5	71.3	71.2	71.1	71.4
3	71.0	70.9	70.9	70.8	70.7	70.7	70.7	70.6	70.5	70.5	70.6	70.9	71.1	71.3	71.4	71.5	71.5	71.5	71.4	71.4	71.3	71.4	71.4	71.3	71.0
4	71.3	71.2	71.1	71.0	70.9	70.8	70.6	70.5	70.4	70.4	70.5	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.8	70.7	70.7	70.5	70.4	70.3	70.7
5	70.2	70.1	70.0	69.9	69.7	69.6	69.5	69.3	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.3	69.2	69.1	68.9	68.7	68.5	68.3	69.3
6	68.1	68.0	67.9	67.7	67.6	67.5	67.4	67.3	67.4	67.4	67.4	67.3	67.3	67.5	67.7	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	67.9	67.7
7	67.9	67.7	67.5	67.3	67.2	67.1	67.0	66.9	66.9	66.9	67.1	67.3	67.3	67.5	68.0	68.3	68.3	68.3	68.2	68.2	68.1	68.1	68.0	67.8	67.6
8	67.7	67.5	67.4	67.2	67.1	67.0	66.9	66.9	66.9	67.0	67.2	67.3	67.4	67.5	68.1	68.4	68.6	68.6	68.6	68.4	68.2	68.1	67.9	67.8	67.7
9	67.7	67.6	67.6	67.5	67.4	67.3	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.6	67.8	67.8	67.9	68.0	68.0	67.9	67.8	67.7	67.5	67.4	67.5
10	67.2	67.1	67.0	66.9	66.9	66.8	66.8	66.7	66.8	66.8	67.0	67.3	67.4	67.7	68.0	68.2	68.2	68.2	68.0	67.9	67.6	67.4	67.2	67.1	67.4
11	67.0	66.9	66.7	66.5	66.3	66.2	66.2	66.1	66.1	66.2	66.4	66.6	66.9	67.1	67.4	67.5	67.6	67.5	67.4	67.2	67.2	67.1	67.1	67.0	66.8
12	66.9	66.7	66.5	66.3	66.1	65.9	65.8	65.8	65.7	65.7	65.9	66.1	66.2	66.7	67.2	67.6	67.8	67.7	67.6	67.5	67.4	67.3	67.3	67.2	66.7
13	67.1	67.1	67.0	66.8	66.7	66.6	66.5	66.5	66.5	66.5	66.6	66.6	67.0	67.9	68.2	68.2	68.2	68.1	68.0	68.0	68.0	68.0	67.9	67.6	67.3
14	67.4	67.2	67.2	67.1	67.1	67.0	66.9	66.8	66.7	66.7	66.9	67.0	67.2	67.7	68.2	68.6	68.6	68.6	68.6	68.5	68.4	68.4	68.4	68.3	67.6
15	68.1	67.8	67.5	67.3	67.1	67.0	66.9	66.8				67.5	67.8	68.4	68.6	68.8	68.9	69.0	69.0	69.0	68.9	68.9	68.7		68.1
16	68.3	68.1	68.0	67.9	67.7	67.5	67.4	67.2	67.2	67.1	67.0	66.9	67.3	67.6	68.1	68.3	68.5	68.6	68.6	68.4	68.1	67.9	67.9	67.8	67.8
17	67.8	67.7	67.5	67.4	67.3	67.2	67.1	67.0	67.0	67.0	67.1	67.2	67.6	68.5	69.0	68.9	68.8	68.8	68.8	68.8	68.7	68.7	68.6	68.6	68.0
18	68.5	68.5	68.4	68.3	68.1	68.0	67.9	67.9	67.9	67.8	67.8	68.0	68.2	68.2	68.3	68.4	68.4	68.2	68.2	68.2	68.2	68.4	68.3	68.2	68.2
19	68.1	67.9	67.8	67.5	67.3	67.1	67.0	66.8	66.8	66.8	67.0	67.4	67.6	67.6	67.7	67.8	67.9	67.8	67.7	67.6	67.5	67.3	67.2	67.2	67.4
20	67.1	67.0	66.8	66.7	66.6	66.5	66.4	66.4	66.4	66.5	66.4	66.8	67.2	67.6	68.0	68.1	68.1	68.1	68.0	67.9	67.7	67.6	67.5	67.4	67.2
21	67.3	67.2	67.1	67.0	67.0	66.9	66.9	66.9	66.9	66.9	67.1	67.4	67.9	68.2	68.5	68.6	68.6	68.5	68.3	68.1	68.1	68.1	68.0	67.9	67.6
22	67.8	67.5	67.3	67.2	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.4	67.9	68.0	68.0	67.8	67.7	67.6	67.5	67.4	67.3	67.1	67.0	66.9	67.4
23	66.9	66.8	66.6	66.5	66.3	66.2	66.1	66.0	65.9	66.0	66.0	65.9	65.5	65.3	65.1	65.2	65.4	65.6	65.5	65.7	66.0	66.2	66.3	66.2	66.0
24	66.0	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.3	66.2	65.9	65.9	66.0
25	65.8	65.7	65.7	65.7	65.6	65.2	65.0	64.9	64.9	65.1	65.3	65.5	65.8	65.8	65.9	66.0	66.3	66.1	66.0	65.8	65.6	65.5	65.5	65.6	65.6
26	65.5	65.4	65.3	65.3	65.3	65.1	64.9	64.7	64.5	64.2	64.5	65.1	65.3	65.5	65.4	65.3	65.4	65.5	65.4	65.3	65.4	65.3	65.3	65.3	65.2
27	65.3	65.3	65.1	65.0	64.8	64.6	64.6	64.5	64.3	64.4	65.0	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.6	65.5	65.5	65.4	65.2
28	65.4	65.4	65.4	65.3	65.2	65.1	65.0	64.8	64.8	65.2	65.7	65.7	65.7	65.6	65.5	65.5	65.4	65.2	65.1	65.1	65.0	64.8	64.8	64.6	65.2
29	64.4	64.2	64.1	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.4	64.4	64.3	64.1	64.0	63.9	63.7	63.7			64.2
30												SYSTEM INOPERATIVE													

MONTHLY AVERAGE 67.6

Aquatec, Inc 30-MAR-95 10:34:55

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

October 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	SYSTEM INOPERATIVE																								
2	SYSTEM INOPERATIVE																								
3	SYSTEM INOPERATIVE																								
4	SYSTEM INOPERATIVE																								
5	SYSTEM INOPERATIVE																								
6	SYSTEM INOPERATIVE																	58.8	58.8	58.8	58.8	59.0	59.0	58.9	58.9
7	58.9	58.8	58.6	58.4	58.2		58.0	57.9	57.6	57.8	58.0	57.9	57.9	58.1	58.3	58.6	58.7	58.6	58.4	58.2	58.0	57.8	57.8	57.8	58.2
8	57.7	57.7	57.6	57.6	57.5	57.4	57.4	57.3	57.4	57.6	58.1	58.9	59.1	59.1	59.1	59.1	59.0	58.7	58.0	57.4	58.4	59.1	59.1	59.0	58.2
9	58.8	58.4	58.0	57.7	57.5	57.4	57.3	57.2	57.2	57.3	57.5	57.7	58.6	59.4	59.7	59.7	59.6	59.7	59.5	59.3	59.2	59.0	59.0	58.9	58.5
10	58.8	58.8	58.7	58.4	58.2	58.0	57.9	57.9	57.8	57.9	58.2	59.2	59.4	59.5	59.4	59.3	59.4	59.6	59.5	59.2	58.9	58.8	58.8	58.7	58.8
11	58.6	58.5	58.3	58.1	57.9	57.8	57.7	57.6	57.6	57.5	58.1	58.4	58.4	58.5	58.5	58.5	58.6	58.7	58.8	59.0	58.6	58.3	58.3	58.2	58.3
12	58.1	57.9	57.7	57.6	57.5	57.5	57.4	57.4	57.4	57.5	57.8	58.0	58.2	58.3	58.5	58.6	58.6	58.5	58.5	58.4	58.6	58.6	58.6	58.5	58.1
13	58.4	58.2	58.0	57.8	57.6	57.5	57.4	57.4	57.4	57.4	57.5	57.8	57.9	58.1	58.4	58.4	58.4	58.3	58.0	57.5	57.8	58.3	58.5	58.5	57.9
14	58.3	58.1	57.9	57.8	57.7	57.6	57.5	57.5	57.5	57.4	58.0	58.4	58.3	58.4	58.5	58.5	58.5	58.3	58.2	58.1	58.0	57.9	57.7	57.6	58.0
15	57.6	57.6	57.5	57.2	57.0	56.7	56.5	56.4	56.4	56.4	56.3	56.1	56.0	56.1	56.2	56.3	56.3	56.3	56.2	56.0	55.9	55.8	55.7	55.7	56.4
16	55.6	55.6	55.5	55.4	55.3	55.2	55.0	54.9	54.8	54.8	54.8	54.9	55.1	55.3	55.4	55.5	55.5	55.4	55.4	55.6	55.5	55.2	55.1	55.0	55.2
17	55.0	55.0	54.9	54.8	54.8	55.0	55.1	55.2	55.4	56.1	56.7	57.0	57.3	57.5	57.7	57.9	58.1	58.3	58.6	58.8	58.3	57.6	57.4	57.4	56.6
18	57.3	57.0	57.1	57.3	57.5	57.6	57.8	58.0	58.3	58.9	59.3	59.3	59.3	59.4	59.4	59.2	58.8	58.7	58.7	58.8	58.7	58.7	58.7	58.7	58.4
19	SYSTEM INOPERATIVE																								
20	56.5	56.7	56.9	57.2	57.4	57.6	57.8	58.0	58.3	58.7	58.9	58.9	58.9	58.8	58.8	58.6	58.5	58.3	58.1	58.0	57.6	56.9	56.5	56.5	57.8
21	56.6	56.6	56.8	57.0	57.3	57.5	57.6	57.8	57.9	57.6	57.6	58.2	58.4	58.3	58.1	57.8	57.5	57.3	57.1	57.1	57.1	57.1	57.1	57.2	57.4
22	57.3	57.5	57.6	57.7	57.9	58.0	58.2	58.3	58.6	58.9	59.2	59.5	59.6	59.6	59.4	59.2	59.0	58.9	58.6	58.5	58.1	57.8	57.7	57.8	58.5
23	57.8	57.9	58.0	58.1	58.2	58.3	58.5	58.6	58.8	59.1	59.3	59.6	60.0	60.3	60.3	60.2	60.0	59.7	59.5	59.6	59.5	59.2	58.9	58.8	59.1
24	58.6	58.5	58.5	58.6	58.6	58.7	58.7	58.9	59.1	59.2	59.3	59.2	58.6	58.3	58.2	58.3	58.3	58.2	58.0	57.9	57.8	57.7	57.6	57.6	58.4
25	57.6	57.5	57.6	57.7	57.8	57.9	58.1	58.4	58.8	58.9	58.9	58.8	58.6	58.5	58.6	58.7	58.7	58.7	58.6	58.7	58.7	58.7	58.6	58.5	58.4
26	58.4	58.3	58.3	58.3	58.4	58.4	58.5	58.7	58.9	58.8	58.7	58.7	58.2	57.8	57.6	57.4	57.1	56.8	56.6	56.4	56.3	56.2	56.3	56.2	57.7
27	56.1	56.0	56.0	56.0	56.1	56.3	56.3	56.4	56.5	56.3	56.5	56.9	57.1	57.3	57.5	57.7	57.9	58.0	58.3	58.6	58.7	58.8	58.8	58.8	57.2
28	58.8	58.8	58.7	58.7	58.8	58.8	58.8	58.8	58.9	58.9	59.1	58.9	58.8	58.8	58.8	58.8	58.6	58.4	58.4	58.3	58.4	58.3	58.2	58.1	58.7
29	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.5	58.6	58.9	59.2	59.1	59.0	58.7	58.6	58.5	58.3	58.1	58.0	58.0	57.8	57.7	57.7	57.6	58.3
30	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.4	58.7	59.1	59.3	59.6	59.7	59.7	59.6	59.5	59.6	59.6	59.4	59.2	59.1	58.7
31	58.9	58.7	58.7	58.6	58.5	58.5	58.5	58.5	58.5	58.6	58.7	58.9	59.0	59.2	59.2	59.1	58.8	58.6	58.6	58.3	58.4	58.0	57.8	57.9	58.6
																						MONTHLY AVERAGE			58.0

Aquatec, Inc 30-MAR-95 10:34:55

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

November 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	57.8	57.6	57.5	57.5	57.6	57.7	57.8	57.8	57.9	58.0	58.1	58.3	58.2	58.4	57.9	56.9	56.1	55.6	55.3	55.0	54.8	54.8	54.7	54.5	56.9
2	54.7	54.8	54.8	54.8	54.7	54.6	54.9	55.2	55.5	55.9	56.6	57.0	56.6	55.8	55.1	55.0	55.0				54.4	54.1	53.9	53.8	55.1
3	53.8	53.9	54.0	54.1	54.1	54.3	54.6	54.8	55.0	55.4	56.0	55.6	54.9	54.4	54.0	53.9	54.1	54.2	54.2	54.0	53.7	53.5	53.4	53.4	54.3
4	53.4	53.5	53.7	53.9	54.1	54.2	54.4	54.5	54.6	54.9	55.7	56.1	55.7	54.9	54.5	54.2	53.7	53.5	53.5	53.5	53.4	53.4	53.3	53.3	54.2
5	53.3	53.3	53.4	53.7	54.0	54.2	54.4	54.5	54.6	54.8	55.3	55.7	55.7	56.0	55.9	55.6	55.4	55.6	55.7	55.5	55.2	54.8	54.7	54.7	54.8
6	54.7	54.7	54.9	55.2	55.3	55.5	55.6	55.7	55.8	56.0	56.1	56.4	56.8	56.4	56.2	56.0	55.6	55.5	55.0	54.5	54.6	54.9	55.1	55.1	55.5
7	55.1	55.1	55.2	55.3	55.3	55.4	55.7	55.8	55.9	56.2	57.5	58.2	57.5	56.5	55.1	54.2	53.5	53.4	53.4	53.3	53.3	53.3	53.2	53.1	55.0
8	53.0	53.0	53.1	53.3	53.6	54.0	54.3	54.5	54.7	55.1	55.3	55.4	55.1	54.6	54.2	54.2	54.1	54.2	54.5	54.1	53.8	53.7	53.6	53.6	54.1
9	53.7	53.9	54.0	54.1	54.3	54.5	54.7	54.9	55.0	55.2	55.6	55.8	55.7	55.5	55.0	54.4	53.9	53.6	53.3	53.2	53.1	53.0	53.0		54.3
10	53.0	53.1	53.2	53.4	53.7	53.9	54.0	54.2	54.5	54.9	54.8	54.7	54.6	54.6	54.6	54.3	53.7	53.2	52.9	52.3	51.9	51.7	51.6	51.6	53.5
11	51.5	51.6	51.8	51.9	51.9	51.9	51.9	51.8	51.9	52.4	53.2	53.6	53.3	52.8	52.2	51.9	51.7	51.4	51.3	51.2	51.1	51.1	51.0	50.9	51.9
12	50.8	50.8	50.8	50.9	51.1	51.4	51.7	51.9	52.1	52.3	52.5	52.9	53.2	53.2	53.2	53.0	52.8	52.5	52.1	51.9	51.5	51.2	50.9	50.8	51.9
13	50.6	50.6	50.6	50.6	50.6	50.6	50.8	51.2	51.4	51.7	51.9	52.2	52.7	53.2	53.6	53.6	53.6	53.6	53.3	52.4	51.6	50.9	50.5	50.4	51.8
14	50.3	50.2	50.1	50.1	50.5	50.7	50.9	51.0	51.2	51.5	52.1	52.1	52.1	52.0	52.0	51.6	51.4	51.3	51.4	51.2	50.5	49.8	49.4	49.3	50.9
15	49.3	49.2	49.1	49.1	49.4	49.8	50.2	50.5		50.9	51.1	51.4	51.8	51.8	52.0	52.4	52.5	52.4	51.8	50.7	49.7	49.1	48.7	48.5	50.5
16	48.3	48.2	48.2	48.2	48.2	48.6	49.1	49.4	49.8	50.0	50.1	50.2	49.7	49.3	49.1	49.0	49.2	49.5	49.7	49.9	49.4	48.8	48.5	48.4	49.1
17	48.3	48.2	48.2	48.2	48.4	48.8	49.2	49.4	49.7	49.9	50.4	51.1	51.0	50.7	50.4	50.1	49.8	49.5	48.9	48.3	48.1	48.0	48.0	48.2	49.2
18	48.6	48.7	48.8	48.8	48.8	48.9	49.2	49.3	49.6	50.0	50.2	48.7	47.7	47.3	47.2	47.2	47.2	47.9	48.7	49.0	48.6	48.1	48.0	48.0	48.5
19	47.9	48.1	48.5	48.8	49.2	49.4	49.6	49.8	50.0	50.2	50.3	50.5	50.9	51.4	52.1	52.1	52.0	51.8	51.8	52.0	51.5	50.8	50.2	49.9	50.4
20	49.7	49.5	49.4	49.4	49.6	49.7	49.8	49.8	49.9	50.0	50.1	50.3	50.6	51.0	51.3	51.7	51.9	52.0	52.2	51.8	50.6	49.4	48.5	48.1	50.3
21	48.1	47.9	47.7	47.7	48.1	48.4	48.6	48.8	49.0	49.1	49.3	49.6	50.1	49.7	49.1	48.9	48.9	48.7	48.7	48.9	48.2	47.6	47.3	47.2	48.6
22	47.0	47.1	47.2	47.4	47.9	48.3	48.7	48.9	49.1	49.3	49.7	50.4	49.7	48.9	48.0	47.6	47.8	47.9	48.2	47.7	46.8	46.3	46.3	46.2	48.0
23	46.1	46.2	46.2	46.4	46.6	46.7	46.7	47.1	47.4	47.7	47.8	48.0	48.2	48.4	48.5	48.6	48.9	49.2	49.7	50.6	50.2	48.0	46.4		47.8
24	45.3	45.1	44.9	44.8	44.8	44.6	44.4	44.5	44.9	45.4	46.2	47.1	45.9	45.4	45.2	44.9	44.5	44.2	44.2	44.3	44.7	45.2	45.6	45.8	45.1
25	46.1	46.4	46.7	46.9	47.1	47.3	47.5	47.6	47.7	47.8	47.8	47.9	48.0	48.3	48.4	48.5	48.5	48.6	48.6	48.8	48.9	48.3	47.9	47.6	47.8
26	47.3	47.0	46.5	46.3	46.4	46.5	46.6	46.7	46.7	46.7	46.8	47.0	47.3	47.5	47.6	47.5	47.5	47.4	47.5	47.9	46.1	44.3	43.0	42.5	46.5
27	42.4	42.2	42.1	42.1	42.3	42.6	42.9	43.3	43.6	43.8	44.0	44.5	45.0	45.5	45.8	46.0	45.8	45.6	45.3	44.3	42.9	42.2	41.9	41.9	43.7
28	41.8	41.6	41.6	41.7	41.8	42.0	42.4	42.7	43.0	43.4	44.2	44.1	42.4	41.8	41.0	40.8	40.7	41.1	41.3	40.8	40.4	40.2	40.1	40.1	41.7
29	40.0	40.0	40.1	40.4	40.8	41.4	41.9	42.3	42.9	43.1	42.6	42.0		40.9	40.8	40.6	40.0	39.8	40.3	40.0	39.8	39.6	39.4	39.2	40.7
30	39.0	38.8	38.7	38.5	38.3	38.1	38.0	38.0	38.0	37.9	37.7	37.8	37.8	37.8	37.8	37.8	37.7	37.3	38.0	37.7	37.6	37.5	37.4	37.4	37.9
																						MONTHLY AVERAGE			50.0

Aquatec, Inc 30-MAR-95 10:34:55

AVERAGE HOURLY TEMPERATURE IN DEGREES F

Station 3

December 1994

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	DAILY AVERAGE
1	37.4	37.1	37.9	37.9	37.8	37.7	37.6	37.5	37.5	37.7	37.6	37.2	36.8	36.9	37.1	37.2	37.2	37.3	37.3	37.2	37.6	37.4	37.1	37.3	37.4
2	37.2	37.1	37.3	37.3	37.3	37.6	37.8	37.9	38.1	38.6	39.3	38.5	38.1	37.5	37.3	37.8	38.2	37.9	37.8	37.6	37.5	37.5	37.4	37.3	37.7
3	37.4	37.3	37.2	37.0	37.2	37.7	38.1	38.7	39.1	39.6	40.8	41.4	40.7	39.8	39.3	39.0	38.9	38.7	39.0	38.8	37.9	38.1	37.9	37.8	38.6
4	37.8	37.8	37.6	37.5	37.6	38.4	39.2	39.9	40.2	40.5	41.0	41.9	42.1	41.2	40.7	40.1	39.4	39.6	39.7	39.2	38.6	38.5	38.4	38.4	39.4
5	38.4	38.3	38.6	38.6	38.3	38.2	38.9	39.7	40.3	41.4	41.7	41.0	40.4	39.8	39.4	39.1	39.0	38.9	38.9	38.8	38.6	38.4	38.3	38.3	39.2
6	38.4	38.3	38.3	38.0	38.1	38.3	38.0	37.7	37.8	38.0	38.2	38.3	38.4	38.4	38.5	38.5	38.4	38.2	38.1	38.1	38.2	38.3	38.3	38.5	38.2
7	38.5	38.5	38.6	38.7	38.7	38.8	38.8	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	38.9
8	39.0	39.0	38.9	38.8	38.8	38.8	38.7	38.6	38.5	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.4	38.4	38.4	38.3	38.3	38.2	38.2	38.2	38.5
9	38.2	38.1	38.1	38.0	38.0	37.9	37.8	37.7	37.7	37.6	37.6	37.6	37.6	37.7	37.7	37.8	37.8	37.7	37.6	37.6	37.5	37.5		37.4	37.8
10	37.4	37.4	37.3	37.3	37.3	37.3	37.2	37.2	37.2	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.2	37.2	37.2	37.1	37.1	37.0	37.2
11	36.9	36.9	36.9	37.0	37.0	37.0	36.9	36.9	36.9	37.0	37.0	37.2	37.2	37.3	37.3	37.3	37.3	37.4	37.4	37.3	37.2	37.0	36.9	36.9	37.1
12	36.8	36.6	36.6	36.6	36.5	36.4	36.4	36.3	36.3	36.2	36.2	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.3	36.2	36.2	36.0	36.0	36.4
13	35.9	35.9	35.9	35.8	35.8	35.8	35.8	35.6	35.5	35.5	35.5	35.5	35.5	35.4	35.5	35.4	35.4	35.4	35.5	35.5	35.4	35.4	35.4	35.3	35.6
14	35.3	35.2	35.2	35.2	35.1	35.7	36.0	36.0	36.1	36.2	35.5	35.2	35.2	35.2	35.2	35.4	35.6	35.5	35.5	35.3	35.2	35.1	35.0	35.0	35.4
15	34.9	34.9	34.7	34.5	34.7	34.9	35.4	36.0	36.8	38.4	38.9	38.2	37.6	37.2	36.9	36.8	36.6	36.5	36.3	36.2	35.6	35.3	35.3	35.4	36.2
16	35.3	35.2	35.4	35.3	35.4	35.7	36.1	36.7	37.3	38.4	39.0	37.5	36.6	35.9	35.5	35.2	35.1	35.0	34.9	34.8	34.7	34.7	34.7	34.7	35.8
17	34.7	34.6	34.6	34.6	34.9	35.4	35.8	36.2	36.3	36.3	36.2	34.9	34.6	34.6	34.5	34.5	34.5	34.4	34.4	34.5	34.4	34.5	34.5	34.5	34.9
18	34.5	34.4	34.4	34.4	34.4	34.3	34.3	34.9	35.5	36.1	37.5	38.7	37.9	36.8	36.5	36.2	36.2	36.2	36.3	35.4	35.2	35.2	35.1	35.1	35.7
19	35.0	34.9	35.1	35.1	34.9	35.5	36.1	36.7	37.4	38.9	39.5	37.7	36.5	36.0	35.9	35.8	35.8	35.7	35.7	35.6	35.6	35.6	35.5	35.5	36.1
20	35.5	35.2	35.3	35.3	35.1	35.5	36.1	36.7	37.8	39.2	39.0	37.3	36.5	36.1	36.0	36.0	36.0	35.9	35.9	35.7	35.6	35.5	35.5	35.5	36.2
21	35.4	35.2	35.3	35.3	35.2	35.4	36.0	36.6	37.4	38.9	39.0	38.4	37.9	37.3	36.9	36.3	35.9	35.8	35.7	35.6	35.4	35.3	35.2	35.2	36.3
22	35.0	35.6	35.8	35.8	35.8	35.7	35.8	36.6	37.7	38.1	36.9	36.0	35.7	35.5	35.4	35.4	35.6	35.4	35.3	35.1	35.1	35.1	35.0	35.1	35.8
23	34.9	35.0	34.8	35.5	36.1	36.7	37.2	37.3	37.6	37.8	37.0	36.0	35.6	35.5	35.6	35.6	35.5	35.6	35.6	35.7	35.7	35.7	35.6	35.5	36.0
24	35.5	35.5	35.5	35.3	35.6	35.7	35.4	36.6	37.8	37.3	36.3	35.9	35.9	35.8	35.8	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.8	35.8	35.9
25	35.6	35.6	35.6	35.6	35.6	35.8	35.7	35.8	35.9	35.9	36.0	36.1	36.3	36.3	36.4	36.4	36.5	36.5	36.6	36.4	36.3	36.0	36.0	36.0	36.0
26	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.3	36.3	36.3	36.3	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.5	36.6	36.7	36.4
27	36.6	36.6	36.6	36.6	36.6	36.7	36.6	36.7	36.7	36.7	36.7	36.6	36.6	36.7	36.9	36.8	36.9	36.9	36.9	36.8	36.7	36.6	36.6	36.5	36.7
28	36.4	36.4	36.3	36.3	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.4	36.3		36.2	36.2	36.1	36.0	35.7	35.9	36.2
29	35.8	35.8	35.8	35.7	35.6	35.8	35.8	35.7	35.7	35.7	35.8	35.7	35.7	35.7	35.6	35.7	35.8	35.5	35.3	35.1	34.9	34.8	34.6	34.4	35.5
30	34.3	34.3	34.1	33.7	33.6	33.7	33.7	33.6	33.6	33.6	34.0	33.8	34.2	34.1	34.1	34.1	34.2	34.1	34.0	34.0	33.9	33.9	33.9	33.9	33.9
31	33.9	33.9	33.8	33.8	33.7	33.5	33.5	34.0	34.6	35.6	37.5	36.8	35.7	35.0	34.9	34.9	35.0	35.1	35.1	35.0	35.0	35.0	35.0	35.0	34.8
																						MONTHLY AVERAGE			36.6

Aquatec, Inc 30-MAR-95 10:34:55

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

January 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	1515	1500	1485	1470	1465	1465	1660	1460	5638	5035	7840	7710	8250	7740	7790	8340	9095	9720	10330	9990	9220	4670	1360	1345	5254
2	1320	1310	1305	1305	1300	1290	1630	1285	1285	6365	6250	6030	6460	6030	6030	6070	10005	9540	10820	9020	10280	5085	3395	1475	4787
3	1475	1470	1470	1470	1460	1445	1445	1445	6220	8040	8825	8825	7550	7040	7180	7110	9665	9720	9710	9420	4675	2080	1500	1500	5031
4	2020	2020	2005	1965	1935	1935	1935	5070	6940	9400	8855	8305	8680	4535	2920	3400	7255	9730	9420	5740	3080	1500	1500	1500	4652
5	1500	1485	1475	1460	1455	1455	1445	1445	6680	6610	6720	5405	5585	5655	3310	3310	5920	9620	10990	9170	9225	4345	4300	1520	4587
6	1500	1500	1485	1485	1475	1460	1460	1460	9905	9570	9620	8165	6555	4730	3395	3395	7430	5195	5330	5330	4190	5330	4870	1500	4431
7	1485	1485	1470	1460	1450	1440	1435	1435	8340	9285	9425	9990	5005	4615	3175	3310	8670	7305	8610	7790	6495	4095	1470	1470	4613
8	1460	1460	1450	1445	1440	1435	1425	1420	2250	4335	8235	7765	6680	4700	3080	3100	8690	7905	7890	7890	5160	2655	1475	1475	3951
9	1470	1470	1445	1445	1435	1430	1420	1420	3390	3710	6195	5840	5855	2625	3005	2625	8030	8345	8230	8485	7565	8485	1480	1475	4036
10	1445	1420	1410	1410	1405	1405	1795	4595	7930	7930	7980	8160	8120	5920	4235	3815	6765	7990	8560	7920	7995	7920	1460	1460	4960
11	1445	1445	1440	1440	1430	1420	1815	4620	7960	8510	8165	8670	5695	5200	4170	3940	7425	8760	8335	7875	9110	1470	1460	1460	4719
12	1445	1440	1435	1435	1430	1430	1830	4730	7700	8325	8390	6580	3540	1450	1435	1435	3750	7550	7590	7240	7700	2960	1460	1460	3906
13	1450	1445	1435	1425	1420	1420	4620	4665	6305	6260	6305	6305	6305	5920	5005	4355	5855	7870	7930	7600	6265	1450	1445	1445	4354
14	1285	1285	1275	1275	1605	1605	1410	1810	1410	1810	2375	2950	6545	8420	9900	9425	10000	10000	10195	10090	9210	10340	4370	4370	5123
15	2280	2280	1715	1635	1285	1275	1430	1430	2965	6305	7610	8500	8605	6325	6365	5965	7610	7660	8200	7815	6120	3880	1475	1470	4592
16	1470	1470	1915	1900	1450	1440	1440	1440	1440	3710	6385	5920	6305	3515	3825	3865	5920	9805	10125	9495	6250	2690	1485	1480	3948
17	1685	1460	1455	1450	1630	1435	3815	8510	9900	9905	9540	9450	10155	10110	7735	7295	7210	10065	10335	9195	6975	2035	1500	1500	6014
18	1950	1470	1460	1450	1445	1445	4235	6415	8565	7880	8040	8025	4095	1460	1445	1445	3795	7660	8430	6160	1935	1450	1440	1435	3880
19	1435	1430	1430	1430	1430	1430	3575	6265	8040	7840	5835	6655	6030	2685	2640	2625	4975	8350	8510	8140	7580	1935	3240	4920	4518
20	5005	4955	4955	1430	1420	1420	3725	6415	8485	8050	8050	6160	2620	2665	2605	2655	6305	8560	8165	7675	6460	2645	2710	2645	4824
21	1470	1460	1460	1460	1445	1440	3430	6350	6090	5750	6355	5315	3525	3955	3525	3535	4365	8340	8885	8340	6550	4910	5460	5465	4537
22	1505	1500	1495	1485	1475	1475	1460	1460	5750	6655	5910	6285	3955	3955	4445	4085	6080	8760	8340	6180	6180	1500	1495	1485	3871
23	1475	1470	3470	3770	3815	3815	3780	4180	3740	6220	6220	5910	6180	2665	2620	2620	5635	8605	8245	8340	8340	1480	1475	1470	4398
24	1445	1445	1440	1435	1430	1830	1815	1270	1610	4645	5155	4855	5005	4955	4685	4740	5070	4775	5070	5200	5695	1675	1665	1500	3267
25	1470	2690	2700	2700	3130	3130	3810	5085	8050	8885	6120	6180	6180	6550	6255	6250	6250	8670	7410	5540	1500	1500	1500	1500	4711
26	1480	1480	1470	1460	1455	1450	1445	3025	5965	6070	6080	6120	3945	2735	2725	2675	8340	7790	8630	7970	6045	1550	1540	1530	3874
27	1455	1455	1445	1435	1425	1425	1820	4655	7935	7580	7675	7675	6525	2685	3085	2620	6415	8650	7675	6180	5375	1520	1500	1500	4155
28	1495	1495	1475	1460	1455	1445	1865	4685	5920	8350	7675	8100	8050	6330	6055	5475	5605	8180	8070	8060	7880	1500	1495	1480	4733
29	1470	1470	1470	1470	1460	1450	1445	1455	4730	7860	8100	7675	7640	8775	7990	7480	8500	7990	7850	8415	8300	8360	7015	2675	5460
30	1470	1470	1435	1435	1450	1440	1425	2545	7000	7935	7545	7935	7580	8100	8000	8100	8510	7370	8340	7630	7840	8040	8050	7840	5770
31	3365	3275	3280	3225	3235	3635	4460	4120	7740	7850	8370	7920	7920	7960	7530	8350	7980	8350	8485	7990	7990	7990	8025	8040	6545
																						Monthly Average			4629

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

February 1994

	Discharge, cfs																								Daily
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Average
1	5755	5825	5310	5695	4460	4110	5610	7410	8305	7920	7990	8025	8485	7990	7565	8040	7975	8960	8590	8605	8695	8705	8695	8450	7382
2	8180	8180	8500	8490	8030	8490	9060	8590	8205	8810	7850	8415	4185	4735	4635	4700	7420	7335	8700	4375	4770	1505	1495	1485	6506
3	1300	1285	1285	1285	1280	1275	1430	3800	7280	8090	6045	7155	4140	5035	4745	4165	4565	5415	6100	5850	5915	1480	1470	1455	3827
4	1480	1475	1460	1455	1445	1440	1425	3880	7920	8410	7530	8040	6695	6720	7315	6695	6905	6730	6720	7770	7670	8020	8070	7620	5537
5	1500	1500	1475	1475	1460	1455	1455	1445	6305	6375	6005	6005	6045	6910	8145	8145	8670	7640	8670	8165	8145	8670	8145	8165	5499
6	1500	1500	1485	1485	1460	1455	1455	1455	3815	7990	8090	8145	7375	6365	7395	6560	6770	6425	7020	5925	6770	6385	1500	1500	4576
7	1495	1495	1470	1430	1425	1420	1420	4040	8410	7980	7980	8015	7980	8350	8345	8405	7980	8435	8165	7735	8775	4785	3640	1500	5445
8	1485	1485	1475	1460	1445	1440	1850	5855	5920	6260	6305	6305	5965	6260	6305	6375	6540	8000	8050	2440	2395	4830	4805	4830	4503
9	5045	1475	1470	1460	1450	1450	4855	5205	5800	5920	5300	4370	4510	5920	6260	5895	6265	6915	7255	6925	6305	6305	5920	6305	4941
10	6215	1475	1470	1470	1460	1460	4975	4745	7435	7505	7150	7060	7110	5735	6510	7435	7505	7060	7570	7180	7670	5195	2690	1480	5232
11	1935	1915	1645	1645	1640	1640	5555	5620	7375	7110	5825	5455	5455	5825	5825	6335	8810	8815	9445	9060	8475	9675	9105	9045	5968
12	1520	1505	1500	1475	1460	1455	1445	1445	1445	5460	7230	7740	5115	5070	5070	5085	6365	8120	8430	8430	8430	3945	1480	1490	4196
13	1325	1320	1475	1475	1460	1450	1430	1430	1830	8400	5945	5965	3770	3770	3770	3815	6845	7940	8220	7670	5285	1485	1480	1475	3710
14	1460	1450	1435	1425	2725	2725	2530	6535	6165	8340	7560	6265	6725	6215	6265	6265	8120	8120	8160	8580	3865	3795	3800	3740	5094
15	1450	1445	1440	1440	1435	1430	1430	2565	6355	6870	7325	7815	6855	7285	7325	7505	7060	8020	7505	7470	7045	5160	1470	1460	4798
16	1460	1460	1450	1440	1435	1430	4610	7160	7040	7085	7145	6940	7390	7285	6965	7285	7325	6860	7505	7060	7470	7505	7010	3540	5494
17	2645	2645	2635	2685	2605	2605	5205	6810	7320	7180	6985	7255	7240	7180	7110	7570	7110	7060	7520	7110	7570	7060	7570	7110	5991
18	2710	2620	2620	2600	2600	2640	4805	8090	8065	8430	7880	7880	7880	8430	8430	7880	7880	8430	7880	8655	8040	8640	5335	2830	6302
19	2690	3210	2650	3135	2710	2710	3110	3110	7375	7870	8040	8120	7780	9090	7460	8120	8655	8040	8040	8025	8025	8040	5080	2645	5989
20	2385	2385	2745	2745	2365	2655	2710	2655	7880	8150	8165	8160	7655	8190	7655	7520	8190	7665	8200	7655	7570	7705	8260	7705	6124
21	4040	4040	3575	3590	3255	3255	3945	6315	7085	5535	3620	3600	4515	3945	3955	5770	6160	6540	6120	6160	7755	7255	7245	7255	5189
22	7240	7770	7255	7770	7520	8090	6890	6890	7855	7930	7865	7920	7385	7865	6825	7305	7305	8475	7600	7795	7795	7795	7795	7520	7602
23	4110	4015	4025	4485	7090	7655	7690	7650	7855	7255	7765	7780	7685	7515	5760	5025	5475	7965	7555	8085	7550	8090	7550	8100	6822
24	5760	5780	2410	2855	2370	2360	2390	8585	8160	8160	8080	7730	7770	7670	7720	8185	8815	9035	9480	9035	8575	8830	9275	9480	7021
25	8590	8575	8590	8590	8600	9150	9240	8750	8815	9440	8890	8990	8975	9000	8680	8705	9270	8680	9000	8975	8520	8975	8975	9000	8874
26	3575	3575	3915	4400	3825	3515	3825	3825	8825	9105	9105	8430	8485	9195	9135	9195	9280	9135	8545	9145	8670	9145	1515	1500	6619
27	1475	1460	1455	1445	1430	1430	1430	1430	6355	6305	7940	7550	7940	8095	8410	7980	7980	7700	8120	8120	7910	7700	8330	6080	5586
28	3620	3960	3430	3415	3415	3415	6615	6265	7395	6950	8980	9440	8895	9440	8980	8345	9675	9705	9675	9145	8020	9145	4900	5200	7001
																						Monthly Average			5780

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

March 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	3970	4010	4010	4010	3555	3565	7330	7875	7475	6890	7475	6890	7475	7520	7475	7475	9255	9235	9360	9345	8230	4335	1530	1520	6242
2	2050	1705	1665	1460	1640	1640	1450	5920	6460	6030	6030	6070	6420	6460	6855	6365	7005	7005	7435	7455	7530	7570	5070	1985	4970
3	1640	1640	1635	1620	1620	1620	5865	5815	6265	6265	6295	6260	6265	6265	6265	7160	7255	7425	7255	7040	7380	7315	7380	5070	5359
4	4120	3965	3965	3965	3970	3970	7380	6970	6555	7570	8035	7930	7575	7945	7400	7440	7390	7860	7860	7390	7860	7860	7390	7400	6657
5	3925	3505	3340	3315	3305	3305	3665	3450	7700	8840	7815*	8325	7815	8325	7850	7810	9675	9045	9090	9090	8590	9255	7060	7625	6738
6	4170	3170	3330	3190	3190	3190	3185	3165	6415	8330	8430	7950	8540	7950	6250	6250	6250	8120	8120	8120	8120	8110	6455	2690	5945
7	1470	1450	1445	1440	1440	1440	2550	5580	7815	8430	8025	8040	8025	8040	8655	8640	9235	9300	8665	8920	9425	8795	6835	4725	6183
8	2790	2735	2735	2735	2885	2885	2885	9275	8120	8735	8150	6470	6945	6420	7360	6905	8525	7325	7955	8495	8630	8030	6535	3490	6126
9	5405	4975	5875	5405	5475	5405	8090	7910	9050	9915	10165	9835	10140	10005	9535	10205	9790	9665	10420	9925	9380	9980	10080	9855	8604
10	10210	10110	9685	9250	9515	10045	9960	10150	9530	9735	10240	9495	10050	9505	9760	9665	9250	11830	10345	9760	9665	9645	9840	10095	9889
11	7465	7865	7355	7775	7775	8275	7960	8400	8990	9760	9120	8255	8245	8245	9110	10035	9445	10655	10170	10655	10130	10170	9925	10690	9020
12	9500	9555	9290	9265	10345	10345	10980	10775	10205	10165	10440	10405	11110	10205	9535	10215	10205	10205	10820	10215	10205	10215	10205	10215	10193
13	10205	10310	10205	10205	10205	10820	10215	11385	10205	10215	9640	9975	9975	9985	10205	10205	10215	10210	9790	11040	9830	10575	10590	10565	10282
14	5325	5665	5915	5770	5860	6190	9810	9825	10375	9820	10245	10375	10270	9815	10515	10270	9300	10500	10385	9785	10700	10110	10100	10110	9043
15	10760	11360	10110	10575	10110	10100	10170	9610	10700	10110	10235	10110	10700	10110	10100	10110	10100	10110	10700	10760	10100	10760	10110	10430	10335
16	10110	10700	9450	10050	10110	10050	10110	9155	8570	9045	9050	8980	8965	8955	9685	8440	8865	9900	9825	10300	10600	10605	10005	10285	9659
17	10000	10015	9820	9820	10375	10375	9755	10150	8360	8790	8790	9250	8500	9150	9170	9365	8705	8800	8865	8470	8475	8475	9050	8475	9208
18	8580	8370	8765	8705	8640	9255	9135	8570	9150	9125	8500	9050	8975	9600	8945	8585	9635	10215	9900	10485	10215	10205	10500	9920	9293
19	9970	10095	10405	9920	10015	10015	9385	10315	9210	8640	9240	9270	8595	8640	10070	9700	10585	10015	10015	10585	9700	10015	10330	10015	9781
20	9385	9970	10015	10000	10015	9385	10110	10700	10830	10820	10970	9665	10345	10360	10345	9790	10035	10005	10345	9665	9915	9665	9665	9665	10069
21	3285	3575	3880	3925	3855	3880	9305	9165	8275	8175	9425	8235	8360	8370	8225	8835	8885	8175	8370	8765	8310	8235	8310	8825	7360
22	8235	8835	8285	8355	8280	8825	8920	8325	8510	9050	7875	8415	8550	7975	8095	8550	9150	9490	8990	9600	9130	9675	9130	9130	8724
23	4180	4105	4150	4105	4320	4320	10410	9720	8305	8365	8995	8375	8255	9280	9990	8840	9910	9910	10035	9290	8840	10090	9970	9390	8048
24	4395	3880	4260	4340	4135	4230	4415	8440	8510	8655	9245	8655	8075	8655	8360	8175	9050	9590	9720	9655	9185	9590	9050	9655	7580
25	10885	10830	11635	11635	11475	11520	10330	10100	10585	17490	17885	17185	17885	16810	17430	18040	17430	17430	15375	16180	15375	15500	16075	15500	14608
26	15280	15275	15340	15115	14670	14300	15800	17515	17565	17635	16160	16840	16285	16840	16160	16840	16210	16840	16285	16160	12005	17030	16255	16135	16023
27	17275	16675	16450	16450	17160	16565	16560	16565	17565	17230	17940	17910	19220	18510	19335	18510	19220	18510	18650	18510	18475	16970	17095	17650	17708
28	15120	15360	13990	14660	14660	14660	13675	13720	13405	13060	13705	13105	15075	14315	14710	14460	16440	16405	16470	15325	15790	15800	15790	15725	14809
29	15865	16555	16475	16445	17665	17665	18250	18935	21535	21035	21855	21035	18696	18695	18585	19305	17320	17540	17320	16820	16745	16525	15585	15585	18002
30	15610	15440	14735	15425	14660	14595	15350	15675	14490	14660	17910	16195	16875	16195	17020	16470	17020	16320	17020	16320	17020	16470	17020	17020	16063
31	17020	17725	16285	15820	16950	16385	16970	16950	16260	16950	16605	18665	17240	17830	18395	17830	17900	17705	16485	16260	16950	16260	16950	16260	17027
																								Monthly Average	9985

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

April 1994

	Discharge, cfs																								Daily
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Average
1	16445	16550	16320	17020	16260	16485	17295	17140	16950	16605	16605	16950	16360	16875	15305	15430	14175	14865	14865	14300	16590	16590	16935	16245	16215
2	16935	16935	18550	18500	21095	21705	21095	21095	21615	21895	20985	18585	18585	19165	17970	18560	18640	18560	18550	18640	18440	19140	18560	19140	19289
3	18895	19300		19960	19970	19960	20620	20220	20220	19310	21915	21115	20595	20110	19405	19300	19415	19960	20310	21590	21175	24390	25110	24500	20754
4	27825	27195	27225	26860	27190	27190	26695	26735	27955	30015	25695	25735	25735	25240	25705	25235	25250	28430	31570	31485	31870	31615	30660	30605	27905
5	30645	30665	33640	33925	32585	33240	32610	32910	31655	32700	31930	32635	32105	32950	31135	28595	28530	31400	31570	33870	34935	34935	35570	35610	32514
6	35525	35445	35100	35445	32740	33200	33270	32640	34270	35320	36270	36290	35730	35665	35795	35795	36105	36030	36030	36590	38675	38950	38130	38405	35726
7	37685	40050	40110	40630	39565	40060	43100	43100	46930	50480	50120	53865	53855	57425	59530	61895	60940	61310	60660	59990	61455	60595	60825	61195	51890
8	60055	61225	61220	61220	60575	61800	61145	61145	60575	61210	61035	61575	61280	60600	60780	60715	58275	57760	58645	57965	58100	54790	54475	54615	59616
9	53970	54560	54070	55350	50965	51455	52100	51945	49280	49370	49130	48640	49720	48290	49230	49035	46110	46205	47535	46490	47165	46490	46810	46145	49586
10	46645	46645	46645	46725	46645	46665	45025	44485	44680	44630	44525	44545	45020	44640	46075	45665	45025	45335	45025	45375	44525	45335	45335	45045	45428
11	45610	47260	47200	46620	46580	47260	46700	47200	46390	46145	46705	45620	48165	49650	49000	48905	48910	48820	48910	48340	49560	48910	48910	48910	47762
12	48305	47610	49180	49135	48810	48945	48720	48810	48035	49400	48170	47800	48820	48650	48995	48165	48820	49000	48905	48820	48910	48255	48820	48910	48666
13	49650	48575	49235	48880	47510	47430	46230	47430	46830	46215	47350	48255	50455	50350	50050	51420	50120	52430	53250	52390	57765	64200	63530	64230	51408
14	58470	62195	64925	64950	65660	65260	65785	66325	66110	67270	67805	68545	68580	69260	69480	68300	67760	67870	67760	67190	66655	66555	66810	66755	66511
15	64855	64860	63795	64150	62725	62490	61760	61880	61120	60545	60705	58235	58950	58105	59085	58950	58075	58815	58920	58950	58240	58815	58920	58105	60460
16	60895	60445	61530	61550	61385	61335	61890	63110	62660	63900	64605	65895	65190	65705	66976	67800	67545	69030	69545	69540	70790	72090	71330	70610	65640
17	70655	71260	70540	71300	71260	71300	70610	71485	69870	70840	72435	72275	73045	73045	74580	74625	75345	74625	75440	76990	77080	77080	76110	76110	73246
18	76305	75510	74515	74515	75160	75235	74670	74050	73280	73280	73900	73900	74585	74055	74585	74510	74505	73825	73765	73725	73765	73765	72300	72300	74167
19	72715	72365	72185	71495	71440	70670	69065	69125	68225	68520	67185	68565	67670	68390	68605	66870	65495	66155	64750	64025	64735	63390	63595	62585	67826
20	62610	61895	59540	59540	59520	58670	59790	58990	59075	59690	58445	59515	59515	59815	59515	56935	56295	56245	59010	56910	57010	56245	56985	56245	58667
21	56910	56910	53700	53650	54310	53650	54480	53700	54050	53145	53650	53690	54715	53960	54325	53025	54325	51280	50985	51100	48690	46570	46570	46570	52665
22	46570	44340	44845	44905	44845	44865	45465	44905	44830	42705	40855	42035	39955	40100	40880	40145	40230	40795	40790	40145	40235	40235	40145	40795	42317
23	36500	36030	36390	35960	34555	33780	34190	34555	34365	33430	31975	29115	29990	30345	29815	30960	30735	32765	32850	32160	32085	32800	32800	32800	32956
24	22845	22845	31290	31375	31290	31290	31055	31290	31325	31020	31915	29360	28670	29345	29310	26200	26160	26690	26735	25715	26690	26205	26205	26690	28396
25	26080	26585	26045	26590	26535	26725	23570	24085	23650	23550	23500	24695	23570	27390	27390	27880	27365	26945	27415	27365	27390	27390	27390	27575	26111
26	31010	30420	36190	35580	34035	33545	32885	32155	35295	33530	33235	34215	35960	36160	36075	34145	33665	34215	34300	34395	34445	33310	32880	32345	33916
27	28530	28185	28390	27100	17375	1690	2030	8875	13105	20345	28380	27940	28065	31895	31200	32105	31480	32305	32165	31295	36325	35600	36350	36325	26127
28	35100	34655	35670	35630	35055	35670	36275	35630	35630	35055	35930	35715	39290	39165	38735	39965	39290	39455	39245	38655	39455	39245	38655	38820	37333
29	39165	39370	38655	38695	40005	39330	39290	39880	40090	38655	38655	39245	38825	39625	38390	39540	39750	39350	39940	39485	38815	40025	39880	39085	39323
30	38815	39030	38270	38805	36820	36270	37395	37460	33580	33605	34350	33540	33580	34350	34155	33965	34265	33965	34205	33240	31010	30185	30420	30775	34669
																							Monthly Average		44269

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

May 1994

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
	Discharge, cfs																								
1	32095	32625	32625	32085	32340	32340	31295	32085	32035	32035	32070	32625	32035	32070	32945	31750	32035	35310	35115	34805	33705	37145	36380	36400	33165
2	34915	34915	39220	37025	39960	40630	40595	38740	39400	39285	38255	38255	10180	12165	11260	17250	31135	35470	34465	34575	34530	35390	34660	34730	32792
3	34240	34045	34620	35450	35430	35300	35300	34070	34130	36025	34665	30610	30605	20985	11315	23090	21840	28230	28560	32460	31955	32675	32675	32035	30846
4	31490	31985	32675	31750	32675	32020	28185	28150	28150	27880	28185	28150	28135	27505	26765	26765	26295	25475	24930	24890	24835	24835	24775	24830	27972
5	25090	25030	24835	25825	22930	22670	21570	21605	21720	21050	19970	20295	21305	21410	22250	21775	21660	21840	18455	19175	18880	18395	18400	18395	21439
6	19620	22695	22695	22965	22965	21010	20960	21345	21260	21990	21505	20780	20645	13190	13290	13220	14580	12055	13315	13190	16305	15500	16180	15770	18210
7	17215	17045	17810	19330	19275	19275	18595	19275	18720	18695	19205	19275	19290	19275	19205	19375	19420	18720	18845	19420	19420	18825	19420	18720	18902
8	18670	19205	19000	19355	21335	21935	20775	21260	21375	21370	21375	21260	21370	21375	22165	23535	23070	23070	23855	23615	23025	23445	23370	23370	21758
9	25450	25000	25450	26165	25425	25345	26195	25260	26515	27940	25905	24690	25185	25535	24930	25540	24550	25585	24930	24930	25375	25540	24930	25395	25490
10	25165	25115	22245	21830	22220	22765	22695	22105	22860	22360	22150	22815	22405	22105	22150	22695	22860	22935	22150	22105	22405	20490	19780	19945	22348
11	21105	20920	20005	20120	20040	20055	20985	21015	19825	20635	20040	20135	20055	20635	19460	20635	20055	20040	19935	20175	20040	18225	17525	18225	19995
12	17670	17645	17565	17460	19510	18930	19660	19510	18455	19160	18765	18580	18455	19175	19825	19300	18715	17335	17995	17995	17710	17710	15975	15975	18295
13	16240	15830	15290	16425	17960	18180	19480	19185	19345	19675	18705	19065	18665	19065	18455	19675	18055	19685	19675	18565	18955	19675	18455	19175	18478
14	18365	18455	19065	18455	19065	19685	21045	19675	17960	17600	16880	15955	16880	16285	16280	15835	16180	20590	19370	19335	18725	18725	18115	19335	18244
15	16220	16590	17665	16935	16850	16725	16805	16550	15870	16890	16550	16480	16905	15650	15755	15075	16365	15755	15785	15785	15075	15755	15755	15685	16228
16	15870	15755	15690	15550	17835	17850	18095	18865	17835	17255	16888	16125	14765	10475	10365	10935	10980	10350	13505	21655	22580	21360	22450	21525	16440
17	21610	23650	24195	24310	26830	26380	27590	26575	24635	25145	25400	25080	24470	23070	24240	22130	22725	21950	23125	22135	22655	22130	22705	22130	23953
18	25530	25165	25800	25655	25080	25530	26485	25530	25460	25020	25530	25275	22475	22485	23085	22865	20080	20530	20690	20655	21155	20455	20265	20355	23381
19	20585	21005	20585	21005	21005	20335	20560	20385	19965	21225	20135	15190	15770	15545	14930	15205	16025	15830	15915	17785	17995	17675	18385	17785	18368
20	17305	17790	20395	20525	20415	19735	20860	20140	17915	17295	17915	17805	17695	15240	15255	15255	15360	15135	15835	15255	15860	15255	15255	15135	17276
21	15360	16035	17725	17725	18410	18225	19045	17605	17830	17605	18425	15135	15240	15835	15175	15835	12735	13190	13205	13190	13060	12390	13060	13060	15629
22	12885	12885	12885	12940	12840	13455	10725	10720	10550	10605	10620	10605	11130	10455	10080	10480	11060	10730	12165	12135	12165	11965	12165	12175	11601
23	11550	12050	13765	13765	13760	13720	13760	13765	13395	14580	11330	11920	12970	12500	12195	12285	12005	11155	12275	12015	11735	11990	12300	11450	12593
24	10910	11525	11495	12125	10365	10965	11195	10175	10720	10650	10725	10720	10725	10175	11000	10645	11270	11000	10175	10720	10375	10725	10445	10725	10815
25	9625	10170	10175	10725	10720	11065	10890	10790	10890	10370	11090	10620	11030	11090	11290	10330	10830	10840	11030	10630	10830	11090	10330	11040	10729
26	10100	9450	10575	11315	10555	10825	11470	11050	11025	10460	10470	11050	10965	10445	11630	10470	11025	10460	10765	10040	10890	10420	10135	10705	10679
27	9760	9755	10675	10680	10155	11335	11320	10815	11270	10810	15690	16395	15725	12555	13385	13225	13225	12835	13225	13190	13090	13090	13090	13090	12433
28	15220	14800	17510	16830	18780	18730	19510	18915	18915	17675	17055	18465	17605	17395	18105	15055	16165	15555	15765	15445	14810	13505	12785	12805	16558
29	15530	15635	15785	16525	16360	15360	15990	15990	15935	15290	15490	15990	15990	14820	15520	15490	15415	15395	15290	15990	15775	12559	12559	12655	15306
30	13805	13390	13195	13390	13195	13330	13820	13220	13700	13070	10815	10295	10800	10805	11335	10290	10940	10295	10815	11320	10155	11185	10680	10675	11855
31	10590	10135	10955	10890	10955	11025	12245	11815	13155	13555	13570	13580	14070	13555	13085	13070	13085	13655	12700	13175	13765	13030	13040	13040	12573
																						Monthly Average			18850

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

June 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	13120	12545	13620	13010	13010	13795	12635	13820	13170	10825	10375	10370	11470	10925	10440	10925	10370	10375	10925	10920	10240	10790	10240	10235	11590
2	10185	10085	11280	11280	11395	11530	10945	12345	12855	12345	11890	12915	10690	10650	11135	10520	10705	11180	10565	10385	10585	11045	10685	10085	11137
3	10495	10895	16070	16085	16025	15605	15605	16220	12965	10810	10220	11075	10925	11025	10550	10720	10565	11135	10565	10415	11305	10430	9800	10430	12081
4	10275	5130	1575	1575	1570	1700	1695	1695	1690	1690	1690	9790	9830	10885	10895	10100	10345	10360	10360	10225	10555	10495	9450	10525	6838
5	7835	6100	1600	1600	1595	1725	1720	1720	7660	8220	7225	8220	7730	8220	7695	7750	7225	7730	8305	7670	8660	8665	8665	1630	6049
6	1580	1570	1565	1555	1550	4610	5865	9165	9130	9740	9420	9605	10065	9860	8485	9680	9300	9300	9285	9165	9165	9165	9180	8580	7358
7	6515	3810	3780	3725	3725	3840	5185	9275	9530	8460	9610	8940	9710	9915	8770	8830	9105	8965	8650	8965	8965	9010	4165	1980	7226
8	1965	1930	1900	1885	1875	2005	6015	8980	9460	8980	9040	9205	8970	9120	9220	9215	8715	8920	8795	9165	7960	8710	8660	8660	7056
9	8580	8660	9165	8660	9165	9130	9680	9405	9130	9315	8970	9475	8955	9145	8650	9215	8735	9385	9385	8650	9250	9250	8650	9850	9102
10	6015	5495	5500	5420	5445	5920	7285	10045	8890	9650	8890	9310	9610	10180	9945	10675	10205	10205	10950	10140	10135	10070	10740	10070	8783
11	7740	7740	8210	8750	8205	8345	9320	8795	8800	8795	8285	9310	8810	8270	9435	8890	8890	5355	5620	5775	6595	6615	5650	4360	7773
12	1885	1885	1860	1860	1850	1985	1985	1985	1985	5185	6515	8470	8540	7270	6305	6375	6375	5920	6330	5715	8900	8440	8405	1895	4913
13	2350	2280	2265	2265	3420	3130	3555	4730	4330	5940	6750	9145	9295	8870	8970	9010	9625	9245	5430	5690	5650	6195	5690	5690	5813
14	5245	5575	5525	5485	5430	5620	10975	12870	12870	13735	14250	14205	12955	12875	10320	8890	8400	7125	8250	7305	8825	10055	9595	10055	9435
15	13585	13585	13525	13595	15050	16415	15770	15170	13680	14145	13165	13685	9500	5440	6285	6590	5870	6825	7210	7685	8510	12515	12495	13070	11390
16	12280	12340	12280	12810	14975	15600	17665	18170	18870	19040	18175	14915	8820	6475	6050	5580	5325	5815	4900	5385	8660	9145	8640	8640	11273
17	8325	8795	9155	9305	13630	13770	13250	13770	13255	13775	13270	11000	7420	5465	6975	7295	6780	6845	6335	8690	11040	11025	10460	10460	10004
18	5430	5580	5955	5875	5445	5580	5580	6400	6455	6320	8180	8180	8180	8805	8710	8710	8710	8290	8710	8615	8575	7325	7270	7270	7256
19	4820	4500	1605	1605	1600	1735	1735	1735	1735	6555	6965	7005	7005	7005	6620	7050	6710	5400	5400	5450	5260	5260	5245	5260	4719
20	6150	5655	5615	5575	1645	1735	1735	1735	5295	9220	9245	8940	5100	5100	5650	5130	5690	5675	5720	5130	5555	5110	2910	1935	5052
21	2130	2120	1915	1915	1905	2035	2035	2855	7305	8930	9095	9110	5050	5130	5550	5130	5580	5560	5100	5475	7705	7715	7785	7875	5209
22	7450	6990	7450	7325	7325	7505	7965	7460	9040	10135	8440	8905	4905	5340	5935	5935	5465	5440	5440	5360	7285	7675	7755	7735	7094
23	8040	5395	5060	5265	5535	5265	6085	8160	7685	7600	8490	7600	5470	5330	5935	5330	4490	2150	2150	2005	2875	3555	4065	4065	5317
24	2585	2440	2580	3375	5105	5105	4170	4130	4130	4130	4170	4170	4170	4170	4170	4170	4170	4170	4170	4065	3995	3395	4035	4035	3950
25	1970	1960	1955	1950	1940	2075	2075	2070	2070	2070	2070	8540	8400	6820	7215	6870	6660	6870	6660	6525	6315	6525	6525	6735	4703
26	1955	1940	1930	1925	1915	2045	2040	2030	2030	2030	3220	4405	6555	6895	6510	6510	6895	6850	6895	6715	8100	8510	5525	5570	4541
27	5740	5740	1910	1900	1890	2025	2025	5335	8460	8120	8835	8200	8690	8150	8300	8320	8380	8380	8500	8410	4085	1955	1940	1935	5718
28	1930	1915	1900	1900	1895	2030	2030	4045	4060	5895	5820	5890	5410	5860	5940	5410	5860	5410	5940	5725	5275	5805	5335	5305	4441
29	5850	5330	5755	5305	4365	4500	4620	4250	2860	6475	11005	9745	9830	9890	9715	10040	9910	9945	9710	7025	4475	4140	4720	4140	6817
30	3875	3940	2655	2640	2900	3050	2870	2865	6325	10375	9400	9870	9785	9610	9945	10370	9820	8930	7045	6280	7525	6280	6910	6910	6674
																						Monthly Average			7310

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

July 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	5445	5415	6155	6575	6990	7205	7050	7245	7050	11180	10495	9950	10985	10490	9245	10310	9900	9270	7510	5445	5445	5920	4085	4575	7664
2	3710	3710	3695	3980	3655	3790	3930	3930	9000	10040	9535	9750	10160	9695	6660	7170	7615	7100	7145	6550	7010	7560	6550	4075	6501
3	1970	1955	1940	1930	1955	2050	2045	2035	2035	8995	8255	7305	7345	6915	6955	6585	9940	9580	10085	4895	4900	4870	4870	4870	5178
4	1955	1950	1935	1925	1915	2045	2040	2040	5675	5660	5350	5710	5750	10560	10665	10875	9720	10335	10415	10270	9595	10465	9565	9895	6513
5	4945	3165	3165	3610	3155	3700	3675	5625	8680	8300	8825	8380	9005	10310	10310	9885	10215	9480	10125	9665	9870	9395	9635	9395	7605
6	2170	2020	2005	1975	1970	2090	2075	2075	8100	8360	8460	8400	8560	8610	8250	8375	7895	7775	8500	7880	1785	1770	1760	1750	5109
7	1740	1735	1720	1715	1710	1705	2355	6510	8265	8870	9060	9060	8400	8460	8090	8825	8405	8035	8915	8300	1765	1760	1750	1745	5371
8	1730	1715	1705	1695	1690	1685	2980	2695	2695	2695	5120	8160	8805	8830	8975	8630	8400	7615	8420	8885	8420	7945	8420	1920	5410
9	1910	1890	1870	1860	1850	1845	1840	1840	4255	5640	4270	4315	4315	4270	6085	5550	5590	5590	5590	2065	2065	2065	2065	2065	3363
10	1870	1870	1860	1860	1845	1845	1835	1835	1835	1835	1835	8840	8020	8440	8535	8570	8535	8030	8570	9025	8535	8065	8535	8535	5440
11	8440	7910	8635	8635	7855	8435	8180	8730	6625	4270	4315	8125	8730	8730	8420	9060	9030	8060	6100	5010	4945	5340	5340	4430	7223
12	4375	4100	3900	3720	3695	3685	4140	4140	4140	6285	8260	8380	8440	8570	8465	8185	8180	8830	8385	8930	8345	8930	8930	8930	6748
13	3855	1905	1720	1720	1710	1870	1860	1860	4295	4825	5195	8315	7675	8425	9020	8400	8490	8630	5415	4945	5425	4550	3235	1910	4802
14	1740	1730	1715	1710	1700	1695	1690	1685	1845	3900	5460	7560	8725	8830	8345	8340	8460	5470	4185	4075	1930	1930	1930	1910	4023
15	2440	2095	2340	2065	2050	2040	2035	2035	3565	4185	3885	3885	3900	3900	3900	3900	3900	3900	3900	3900	3900	3900	3900	1845	3224
16	2035	2035	2280	2280	2280	2280	2280	2280	2665	2665	2665	2665	2665	2665	2665	5310	4995	5310	6555	6555	6695	6650	6650	6695	3826
17	1860	1860	1850	1850	1690	1690	1680	1675	1670	1670	3835	4235	1845	1840	1840	1835	3415	3415	2980	2415	2980	2980	2980	2980	2378
18	1825	1825	1825	1820	1820	1820	1820	1820	2205	2205	3395	2970	3415	3415	2980	3415	3020	2255	2255	2255	2255	2255	2255	2255	2391
19	1845	1845	1840	1835	1825	1825	1825	1825	1825	1825	3740	6085	6805	6805	6395	6395	6915	6470	6915	6470	1870	1860	1860	1860	3698
20	1870	1865	1855	1850	1845	1840	1835	1835	1835	4255	5550	5550	6145	6030	6030	6160	6510	6570	6645	6705	6705	3990	3970	1890	4139
21	1865	1865	1850	1850	1835	1835	1825	1825	5355	6755	6850	6850	6850	7335	7450	8030	8555	8635	8110	8570	8535	8030	6550	6510	5572
22	6930	6970	1890	1860	1845	1835	1830	1830	1830	6555	8875	8490	8490	8440	7560	7410	7030	8535	9060	8535	7970	8030	8285	1875	5915
23	1870	1870	1860	1860	1850	1850	1840	1835	1835	2980	7920	7970	8490	8440	7970	8020	8490	8910	8430	8555	8735	8650	8635	8635	5729
24	6090	6420	7300	7415	2280	1830	1530	1530	1530	1530	4155	4130	4130	3835	4130	3830	7860	8260	8740	8005	8250	8370	7860	8310	5305
25	2075	2055	2040	2040	1845	1840	1835	1835	1835	1835	6310	8490	8570	8065	8790	8065	8825	8030	8300	8300	8520	8065	8535	1870	5332
26	1850	1840	1835	1535	1535	1530	1530	1530	2970	6655	7970	8380	8065	8570	8520	9165	8635	8650	8115	8635	8620	8585	8115	8115	5873
27	1845	1845	1835	1835	1830	1830	1830	1830	6650	6395	8500	8140	8730	8375	8805	8240	8265	8830	8215	8265	8805	5435	5230	5435	5708
28	5625	5550	5195	5195	5625	5625	5625	5585	5625	5625	5585	5195	5195	5625	5390	5585	5390	5235	5195	5625	5585	5390	5195	5430	5454
29	5365	5775	5180	5390	5585	5625	5675	5675	5230	5640	5720	5720	5260	5260	5720	5260	5120	5050	5470	5470	5510	5260	5470	5260	5445
30	5050	4345	4315	3915	3930	4270	4270	4790	4315	3930	3930	4270	3930	5220	5300	5230	5300	5300	5230	5230	4890	5230	5435	5025	4694
31	4870	4920	5400	4955	5295	5220	5180	5590	4790	4790	4830	4790	5200	4790	4805	4730	5070	4775	4730	4730	5115	4730	4730	4730	4949
																								Monthly Average	5180

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

August 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	5255	5255	4995	5050	4995	5050	5050	4685	5460	5460	4975	5030	5460	5030	5030	5160	5030	5430	4965	6195	6345	6345	6195	6195	5360
2	5855	6010	6010	5910	6010	6010	5345	5920	5920	5605	5650	5605	5605	5650	5275	5920	5920	5920	5920	5920	5920	5920	5920	3810	5731
3	1290	1285	1285	1285	1285	1285	1430	1430	1430	3425	5580	6375	8685	8110	7735	8260	6030	5070	3795	3800	3750	2580	2565	2565	3764
4	1840	1435	1430	1430	1425	1425	1425	1425	1425	3405	4705	5875	7645	8220	8220	8220	7730	7730	8220	8220	8220	1485	1495	1475	4339
5	1340	1325	1315	1315	1310	1310	1460	1460	3510	6070	7790*	7960	8440	7910	8460	8540	6315	6315	4490	4960	4080	2785	1500	1500	4228
6	1480	1470	1460	1460	1290	1285	1285	1280	1435	5030	7610	7730	6030	6420	6460	3855	3880	3825	3825	4325	3825	3825	1460	1460	3417
7	1480	1480	1470	1460	1290	1285	1440	1440	1440	3740	3740	6325	6005	3810	4015	3995	3845	5920	6190	6190	8120	7660	3810	1480	3651
8	1305	1300	1295	1290	1285	1285	1430	1275	3650	3750	4675	5965	5965	7660	7660	6375	5635	3880	3515	3515	3825	1460	1460	1460	3371
9	1300	1300	1295	1285	1280	1275	1430	1275	2565	2985	3620	4995	6145	6145	6365	6365	5965	6325	5160	3155	2700	2645	1495	1495	3274
10	1325	1325	1315	1305	1305	1300	1450	1450	1460	1460	3110	4790	6180	6670	6670	5710	5290	4010	1500	1500	1495	1495	1495	1495	2713
11	1495	1495	1485	1485	1475	1460	1455	1455	1455	1455	3660	4875	6030	6030	5640	4805	3915	2725	1320	1325	1340	1345	1345	1345	2517
12	1500	1500	1485	1485	1470	1470	1455	1455	1295	1455	1470	1935	1470	1470	1470	1470	1475	1475	1475	1475	1480	1480	1480	1480	1486
13	1480	1480	1480	1480	1470	1470	1460	1460	1460	2645	4790	4805	4870	4870	4870	5290	4520	2745	1515	1515	1515	1515	1515	1515	2572
14	1500	1495	1480	1470	1460	1460	1455	1450	1445	1440	1440	1440	2625	2580	2580	2275	6305	6415	5085	4395	4395	1935	1460	1460	2460
15	1455	1450	1445	1445	1440	1435	1430	1430	4620	7710	7840	8805	8815	8290	9165	8345	6420	3725	3865	3865	3715	1460	1300	1300	4199
16	1470	1470	1460	1460	1450	1445	1440	1440	1440	5895	5920	8285	8345	8890	8695	3735	3555	3925	3915	2710	2710	1500	1500	1500	3506
17	1500	1500	1495	1485	1480	1470	1470	1460	1460	2305	3510	4730	9000	8430	9590	8590	8920	8530	8590	8590	8955	8890	8620	6570	5298
18	3865	3730	2605	2605	1505	1505	1500	8680	8295	7950	8910	9030	8910	8330	9410	9050	9410	8170	8790	8030	8330	8180	8680	8330	6825
19	9260	9050	8450	8910	8920	8845	8800	8860	8735	8735	5900	3440	4795	6475	7260	6370	6845	7680	7610	7610	8090	7610	13785	13800	8160
20	13785	14330	14365	12485	9680	9600	9010	9600	9600	9600	7660	6020	7240	7240	7380	7730	7750	7095	7880	7880	7740	7370	8215	7370	9026
21	8025	8340	4660	4805	4805	4845	5160	5120	7645	7660	7700	7240	7700	7240	7320	7770	7750	7320	7380	7750	7730	8410	8585	8465	7059
22	9060	9330	8460	8715	8735	8715	9110	9320	9330	9320	8975	9525	9090	9090	9915	9300	9360	8680	9300	9360	8690	9290	9370	9370	9142
23	9585	9250	8865	9145	9525	9525	8535	9705	9675	9705	9045	9705	9060	8475	9405	9405	9090	9660	9090	9105	9195	9195	9255	9255	9269
24	9190	9255	10185	3580	4135	3880	3880	3880	8810	9490	8990	8410	10290	8475	9675	8460	9090	9105	9090	9045	9105	9090	4840	3540	7645
25	1985	1935	1460	1460	1450	1450	3170	6325	6415	6525	8890	8990	10135	8990	9105	9105	9660	7105	6555	6555	5540	4990	1515	2020	5472
26	1485	1485	1480	1475	1470	1460	1455	1890	3225	5590	7750	8330	7885	8330	8140	8140	7630	8140	6160	6460	6420	2725	2675	2675	4686
27	1950	1475	1460	1460	1450	1450	1440	1440	2565	5005	7590	9795	10610	10005	10595	9415	9425	10005	10005	10585	9425	9415	7940	2745	6135
28	1480	1470	1460	1455	1450	1445	1440	1430	1430	1430	1430	5920	8055	8055	8020	8090	7645	8500	8055	8055	7660	8160	6415	6375	4789
29	1695	1695	1480	1470	1460	1455	1455	1455	8420	7585	8665	8655	8670	9220	8655	8665	8655	8100	8655	8645	8100	7025	2735	1500	5588
30	1480	1470	1460	1460	1445	1445	1435	1435	8500	9035	7985	8665	8230	8750	8750	8765	8735	8835	8360	8945	8220	2830	2745	2770	5490
31	1495	1495	1480	1470	1470	1470	1470	2590	6830	8075	8855	8280	8885	8820	8280	8280	8885	4215	4160	3650	3620	1500	1500	1500	4511
																								Monthly Average	5022

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

September 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	1330	1330	1325	1320	1315	1315	1305	1305	3925	8275	9276	8765	8875	8750	8750	6175	5650	3280	3255	3255	1910	1585	1585	1585	3977
2	1580	1575	1570	1565	1560	1555	1555	1555	1555	1555	5720	7895	8210	7605	7105	1585	1575	1575	1575	1575	1580	1585	1585	1585	2766
3	1585	1585	1585	1585	1580	1575	1565	1560	1560	1560	1560	1560	1565	1570	1570	1575	1575	1585	1585	2810	3180	3180	3180	1580	1826
4	1585	1585	1585	1585	1580	1570	1560	1560	1560	1560	1560	1560	1560	1560	1565	1565	1575	1575	1575	1575	1575	1575	1575	1575	1571
5	1570	1565	1560	1555	1550	1550	1545	1545	1545	1545	1545	1545	1545	1545	1550	1550	1550	1550	1550	3065	3575	3065	3575	1850	1858
6	1850	1850	1850	1850	1850	1845	1840	2030	1840	1840	4035	4255	4215	4215	4270	4216	4270	4215	4715	4215	4270	4315	4270	4270	3266
7	4270	3930	1560	1550	1545	1540	1540	1540	1540	1540	3430	5425	5460	5980	5120	5460	5460	5460	5505	1890	1570	1570	1570	1570	3168
8	1570	1565	1560	1555	1550	1545	1540	1540	1540	1540	2680	5010	5550	5160	5550	4335	1875	1865	1560	1560	1565	1565	1570	1570	2372
9	1560	1560	1555	1555	1550	1550	1545	1545	1545	1550	1555	1555	5195	5230	5260	3965	4335	1895	1895	1580	1585	1585	1585	1585	2263
10	1565	1565	1560	1560	1550	1550	1545	1545	1545	1545	2705	5510	5165	3045	1550	1550	1550	1550	1550	4755	4305	4335	1715	1710	2355
11	1555	1555	1550	1550	1545	1545	1540	1540	1540	1540	1540	2680	3870	3890	4050	3755	3905	3755	5585	5470	5680	1570	1565	1560	2681
12	1565	1565	1550	1550	1550	1545	1540	1540	1540	1540	1540	5120	5165	5150	3025	1550	1550	1550	1555	1555	1860	1555	1555	1555	2074
13	1555	1555	1555	1555	1550	1550	1550	1545	1550	1550	2920	7230	8115	8745	7985	7850	8045	7580	8135	4725	1595	1595	1590	1590	3884
14	1575	1575	1575	1565	1560	1560	1555	1555	1565	1565	1560	1560	5610	8500	9545	8885	8220	8220	8040	8550	8550	1905	1890	1885	4107
15	1575	1575	1570	1560	1560	1555	1550	1550	1550	1550	3900	8120	8820	8270	8820	8820	8820	8270	8820	8820	8270	4375	3965	4375	4919
16	2460	2460	2445	2440	1560	1555	1555	1555	3065	5720	8430	8550	8550	8555	8025	8580	8590	4260	3675	4040	3675	2785	1560	1560	4402
17	1560	1560	1560	1555	1555	1550	1540	1540	1540	2680	5505	8200	8350	8350	6570	7060	6090	6970	6510	6160	6640	6130	4335	1570	4378
18	1885	1570	1560	1560	1555	1850	1540	1540	1540	2670	5395	9100	8200	6510	3905	3590	3880	6805	8090	8360	8820	6570	2800	1575	4203
19	1560	1555	1550	1545	1540	1540	1550	2670	3450	5425	6460	8715	8930	8350	8350	5230	4305	3035	2695	6410	4270	2725	1860	1860	3983
20	1550	1545	1545	1545	1535	1535	1530	2390	3395	5475	6460	8820	8345	8920	8930	5640	5195	3120	2800	5150	5180	2750	1560	1560	4020
21	1560	1560	1555	1550	1550	1545	1540	1540	1540	3450	6030	7890	7855	7855	8270	6570	6970	4825	4835	5165	2725	1560	1555	1555	3794
22	1555	1555	1550	1550	1850	1540	1535	1535	1535	2280	7705	7780	8050	7925	8270	8350	8350	8350	8350	8350	8350	8350	8940	4335	5331
23	1575	1575	1570	1560	1560	1555	1555	2790	5265	8405	9645	9690	8525	9750	10030	9750	9680	9000	9760	9205	7960	6940	6940	6280	6274
24	6765	6765	6705	6705	7155	6640	7060	6335	7295	6100	6570	6570	6570	6220	6090	5260	5260	5260	5680	5720	5680	5260	5720	5720	6213
25	2375	1560	1550	1550	2430	3475	3010	3205	3010	4215	4245	4590	4245	4245	8050	7760	8820	7030	7030	7030	8555	8430	9045	8430	5162
26	8590	1920	1905	1895	1890	1875	2065	1865	4085	6720	6950	8265	8370	7815	6850	7260	7170	8265	8370	7790	7995	7935	1585	1585	5376
27	1575	1570	1560	1550	1550	1545	1545	4405	6740	7460	7205	7885	10505	9535	8570	8410	9145	9585	9580	9645	9585	9645	9580	9645	6584
28	1905	1905	1890	1890	2375	2375	4100	4100	8185	8775	9380	9945	9450	9480	9450	8865	9945	9390	9355	9925	9340	9955	9205	9855	7127
29	10165	9495	9495	10165	9955	9955	10485	9470	10795	8940	10130	10125	10165	10185	10175	9495	10175	9600	9340	7855	6395	6105	7275	6725	9278
30	6705	7300	6705	6590	4270	4215	4060	4215	8030	7660	7870	8080	8050	7660	7620	8410	7575	8550	8970	8650	9295	9230	8710	8720	7381
																							Monthly Average		4220

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

October 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	3980	3930	3930	3930	3905	3895	3590	3890	4780	7650	8270	8270	8270	8360	8545	8545	7720	8270	8270	7720	8545	8270	7995	8270	6617
2	3695	3695	4015	3980	3615	3930	1870	1870	6550	8430	7850	8550	8715	8590	8580	8580	7960	8010	8750	8185	8750	5595	5210	5210	6258
3	1940	1940	1910	2455	1895	1890	5785	5340	8095	8060	8300	8430	9525	8905	9705	8490	8595	8905	9150	8905	8905	5230	3510	2905	6199
4	2955	2925	3375	3315	3005	3005	2995	2995	2855	2865	2865	2820	6360	6555	6520	6520	6395	6520	6520	7085	1955	1940	1930	1905	4008
5	1895	1890	1875	1865	1860	1850	1850	1850	2305	5195	5675*	5230	1865	1860	1850	1850	1850	6805	11270	10200	10425	5470	1890	1890	3774
6	1870	1865	1850	1850	1850	1845	1845	1845	3980	9470	9620	1875	1865	1860	2355	2355	1870	1870	6130	5640	6190	5640	1885	1850	3303
7	1850	1850	1850	1850	1850	1850	1845	3900	10290	9960	10780	9510	6845	1905	1895	1890	1870	1860	1860	1860	1860	1860	1860	1860	3534
8	1860	1860	1850	1845	1835	1835	1835	1835	4205	8205	8375	8630	3980	1870	1875	1875	1870	1870	6420	8200	8270	1890	1875	1875	3585
9	1870	2355	1860	1860	1850	1845	1835	2255	1835	1835	6695	6765	6850	6850	5935	5105	8970	8830	8610	8715	8720	8715	8715	1890	5032
10	1860	1860	1850	1845	2265	1840	1835	1835	1835	5095	8050	9100	8715	9230	6060	6060	9060	8350	9160	8510	9160	5930	1890	1875	5136
11	1870	1865	1850	1845	1840	1840	1830	1830	4235	7650	8610	9120	8715	4315	4215	4715	3905	5475	9290	8930	9045	5765	1890	1875	4688
12	1870	1870	1860	1860	1850	1850	1850	4405	6160	7060	7060	5230	4375	3140	3140	3135	3175	3680	5850	5855	5340	1905	1890	1875	3595
13	1905	1895	1570	1560	1555	1550	1550	2305	3930	3045	3100	3545	1555	1550	1550	1550	1555	1555	5640	5640	5230	1875	1860	1860	2455
14	1560	1560	1560	1550	1550	1550	1540	1540	6265	6720	6720	4995	1860	1845	1845	1850	1850	1850	1860	1870	1875	1890	1890	1890	2479
15	1585	1585	1585	1575	1570	1565	1560	1560	1560	5920	5850	5550	1895	1890	1895	1580	1575	1575	5295	5850	5380	1585	1575	1575	2631
16	1575	1575	1575	1570	1560	1555	1555	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	6120	7730	7255	7850	1890	1885	1885	2545
17	1560	1560	1550	1550	1545	1540	1540	1540	4100	6235	6275	6275	2055	2040	1540	1540	1545	4295	8265	8915	8960	1570	1560	1555	3296
18	1555	1555	1555	1555	1550	1550	1545	1545	5730	5550	5180	5775	1550	1550	1560	1560	1560	3610	5640	5260	3655	1575	1565	1565	2721
19	1565	1565	1565	1565	1560	1555	1555	5405	5470	5520	4165	4360	4010	4470	4075	4510	4605	5470	9235	8670	8670	7040	1615	1610	4160
20	1610	1610	1600	1590	1585	1575	1875	1565	5930	6015	5415	6015	1585	1585	1585	1585	1905	5380	7960	8640	7005	5470	1595	1590	3428
21	1585	1585	1580	1575	1565	1555	1555	2735	2765	4925	5855	5340	5340	5455	5640	5230	5640	5230	5680	5290	2425	1575	1575	1575	3470
22	1575	1575	1565	1555	1550	1550	1540	1540	2995	5165	5180	5810	5550	2710	2995	2690	2690	5510	6920	6970	5260	2395	1570	1570	3268
23	1565	1560	1555	1550	1545	1540	1540	1540	1540	1540	2695	2695	2695	2695	2840	2695	2695	6145	6760	7150	6640	3100	1885	1870	2835
24	1560	1560	1555	1550	1545	1540	2265	4780	6505	6570	6570	6640	5260	5740	2735	2725	2735	6240	7155	6705	6705	2965	1720	1710	3960
25	1575	1565	1560	1560	1555	1550	2305	6040	4830	5640	5720	5260	1570	1565	1565	1710	1565	2750	6805	6570	3120	1885	1885	1885	3001
26	1870	1870	1860	1850	1845	1845	3860	5460	5505	5510	4825	5220	3065	1560	1560	1560	1560	1870	6915	6915	1890	1885	1570	1570	3060
27	1570	1560	1555	1550	1550	1545	1545	3450	5150	5590	2720	1550	1550	1550	1850	1550	1560	1560	4835	1875	1875	1875	1875	1875	2215
28	1875	1875	1870	1860	1850	1845	1840	1840	3015	6880	6510	6640	3680	1580	1575	1575	1570	1570	5585	3970	1575	1575	1575	1575	2721
29	1570	1565	1560	1555	1545	1540	1535	1535	4160	6805	6420	6675	4270	1870	1870	1875	1875	4335	3990	4400	1580	1575	1575	1575	2802
30	1570	1557	1550	1540	1535	1535	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	4140	8550	8510	4245	1550	1550	1550	1550	2343
31	1545	1535	1530	1530	1530	1530	1525	1525	1485	1425	1275	1280	1280	1280	1280	4455	7520	7245	7610	7300	1305	1305	1305	1305	2538
																								Monthly Average	3602

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

November 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	1290	1285	1280	1275	1275	1275	1420	2250	2260	2260	7520	8220	8160	7660	7730	8220	8220	7815	8430	7880	7880	8430	7880	7880	5325
2	1290	1290	1495	1480	1475	1470	1460	2935	6840	8190	8025	7580	6035	4045	3600	6385	7595	7535	7545	6885	4290	3620	1500	1485	4335
3	1495	1480	1470	1460	1450	1445	1445	3455	8120	8430	8430	7880	4805	5200	4790	5200	6670	7330	6730	6765	5420	3575	1485	1480	4417
4	1470	1470	1305	1295	1285	1285	1285	1285	5035	8325	8430	7960	8655	7535	8655	7410	8110	8120	7595	8110	8120	2770	1340	1325	4924
5	1325	1325	1315	1305	1300	1290	1285	1285	5085	4730	4580	4580	5160	5160	5195	5235	4805	7895	7280	7295	1520	1515	1500	1500	3478
6	1330	1330	1315	1305	1295	1290	1440	1285	1285	4685	4875	4875	4715	4715	4730	4730	5120	5235	5800	5740	5235	1470	1470	1470	3198
7	1305	1295	1285	1285	1280	1280	1280	1280	5955	6325	6005	6005	7530	7110	6640	7150	7110	7650	7245	7255	7110	4790	1455	1445	4461
8	1460	1460	1295	1285	1285	1280	2405	5180	7540	6805	7320	7110	6030	3515	3480	3490	6985	7470	7570	4760	5115	3825	1460	1455	4149
9	1290	1285	1285	1285	1280	1280	1280	2110	4955	7550	7590	7715	8120	8120	7335	8325	7815	8430	7950	7960	6250	2695	1485	1480	4786
10	1305	1305	1300	1290	1285	1275	4965	5155	5205	4995	5205	5205	5920	6255	6265	5895	8500	8120	7730	8160	7730	5120	4730	5115	4918
11	5650	5120	1460	1460	1455	1445	2580	2275	4975	6260	6365	6365	6460	6420	6030	6460	8145	8245	8340	7795	8335	6090	2685	1480	5079
12	1480	1480	1460	1455	1450	1445	1440	1440	2260	4655	4675	5030	4995	4995	5205	4995	8055	7910	8120	8120	8120	7870	8120	8330	4713
13	1320	1320	1310	1305	1300	1290	1285	1285	2275	2275	4385	5050	4995	2600	2780	2590	7380	8020	7660	7330	8080	1475	1470	1470	3344
14	1310	1305	1295	1285	1285	1275	1275	4440	4975	4675	4975	4685	2620	3085	3085	3085	8120	7815	8110	7840	7740	1500	1495	1495	3699
15	1325	1315	1305	1305	1300	1290	1445	2300	2315	2315	3200	5070	2335	3810	4180	3975	9550	9340	10015	10080	9665	10125	9810	9935	4888
16	3090	3090	3225	3225	3225	3220	3525	3880	3550	7880	8655	8025	3580	3955	3880	4095	3880	8430	8655	8340	8120	8120	1360	1360	4932
17	1345	1340	1325	1320	1305	1295	1445	1445	4685	6165	5050	5070	5120	5160	5160	7950	8040	8120	8110	4100	3630	4100	3630	3630	4106
18	1770	1740	1705	1685	1665	1650	1445	5050	8615	9205	9685	10400	3630	1520	2065	3665	4215	8250	7745	4265	1375	1375	1375	1375	3978
19	1355	1355	1350	1345	1325	1320	1310	1310	1305	1305	1305	5080	5395	1500	1320	1325	3650	6455	5860	4215	3665	1530	1515	1515	2400
20	1515	1515	1320	1330	1315	1310	1305	1305	1300	1300	1300	1300	1300	1300	1295	1295	5070	7880	7950	7960	6200	1495	1480	1475	2534
21	1470	1470	1455	1445	1435	1435	1435	1430	1430	1430	8120	9995	4760	1460	1460	1460	4175	8640	8545	9225	5625	1550	1540	1530	3438
22	1505	1505	1495	1475	1470	1460	1460	1460	3865	8810	9440	3570	3955	3845	3845	3845	7880	8430	9250	8700	8620	6520	3665	4160	4593
23	1530	1530	1520	1505	1500	1495	1480	1485	1500	1495	1475	1475	1470	1470	1475	1475	4580	7440	6590	6455	6455	6455	6455	6455	3115
24	1390	1380	1380	1375	1360	1360	1355	1355	4160	9360	8815	3685	1360	1355	1355	1345	1340	1340	1340	1330	1330	1330	1330	1330	2211
25	1355	1355	1350	1345	1325	1315	1305	1305	1290	1290	1290	1290	1290	1290	1290	1290	2305	4830	4790	5160	2620	1460	1300	1300	1864
26	1300	1300	1295	1285	1285	1285	1280	1280	1480	3025	2605	3060	1275	1275	1435	1435	3430	7270	8580	7730	6580	2675	1470	1470	2713
27	1295	1285	1285	1285	1285	1280	1275	1275	1275	1275	2985	3005	2580	3110	2580	3005	5965	8080	7815	8065	6010	3825	1290	1285	3017
28	1285	1285	1285	1285	1275	1275	1420	1420	6070	7930	8410	7980	8020	5040	5400	5425	8325	8540	8025	8640	5465	2770	1715	1715	4583
29	1485	1480	1470	1455	1445	1435	5350	5280	6565	6565	6215	6425	6425	8215	7590	8055	8675	8240	8710	7810	8325	8325	7815	8325	5903
30	7815	7885	8325	7815	8220	8220	9190	8370	7910	8370	8330	8160	8425	8370	7660	7730	7730	8325	8330	8430	8430	6650	5365	5365	7893
																						Monthly Average			4100

Aquatec, Inc 21-MAR-95 12:19:45

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

December 1994

Discharge, cfs

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Daily Average
1	5315	5335	5980	5620	5605	5845	5825	6220	8495	7945	8090	8090	8055	8605	8120	7700	7810	7820	8540	7950	8655	8025	8040	6315	7250
2	3630	3600	3570	3220	2330	2070	2290	4660	6260	8090	8120	8120	8120	7830	6755	8220	8330	8430	7960	8540	8025	6315	2830	2790	5838
3	1480	1480	1460	1450	1440	1440	1435	1435	4655	6215	5895	6260	5920	4995	5050	4840	6500	8435	8285	7770	4840	2690	1480	1480	4039
4	1485	1470	1455	1455	1445	1445	1445	1445	2280	4715	6030	6460	6030	4415	5385	4975	7080	8560	8340	8640	8165	6250	3945	1485	4350
5	1475	1460	1450	1450	1445	1435	1435	5930	6625	6265	6325	6715	6910	7330	6945	6965	8015	7880	10355	10760	10000	9970	10490	9900	6147
6	9625	9825	9740	10010	17405	21095	21810	20690	20190	20565	21765	21755	21660	20110	29935	28075	31050	30035	30645	30040	30695	30040	30645	30680	22837
7	27490	28150	28080	28670	26650	27360	23765	23865	23430	23260	22820	24545	24920	24425	24880	25685	25655	24340	25655	24340	24595	23575	23625	23120	25121
8	23580	24325	23865	23405	23865	23405	25235	24435	23775	24435	23635	24435	24545	23865	23700	23020	19765	19765	19585	20405	19690	19705	19705	19705	22577
9	19705	18810	19205	20285	19110	20285	20220	19245	19015	19095	18520	18520	19095	17560	16905	17295	17175	16005	16005	15440	16540	15250	15930	15250	17936
10	16270	16285	14145	14145	15535	14475	13955	13725	12480	13725	10585	10315	10925	9820	10500	10390	10485	10365	10630	10015	10050	10760	10110	10100	12075
11	10475	11075	10140	10470	14745	15005	13960	15280	11375	11385	11965	11930	11975	11875	11940	11875	12170	12160	10370	10855	10305	10305	10305	10850	11783
12	10335	9740	10525	10160	10645	10430	12155	11640	12155	11175	11665	11625	11770	11835	10850	10500	10005	10020	10015	9680	10015	10015	9980	10015	10706
13	8515	9495	9480	9540	8910	10110	10740	9495	9090	9060	9060	8475	9090	9045	9250	8160	9290	8610	8665	8250	8755	8665	8735	8665	9048
14	8805	4595	5690	5110	5110	5110	5350	9915	9360	8680	8920	8680	7545	6945	7545	6945	8745	8920	8845	8795	8920	7110	3705	1550	7121
15	1520	1505	1495	1480	1470	1460	1460	5160	5250	5815	5250	5250	4875	5250	5285	5800	5250	8565	9060	8600	6180	6120	1495	1485	4378
16	1685	1675	1470	1470	1455	1455	1455	3845	8320	8435	7880	9105	9675	9090	9045	9090	9060	9195	9190	8590	9190	9255	9190	8590	6559
17	4040	4045	3775	4205	3970	3970	3640	4085	10400	10410	10120	9680	9415	9910	9415	9290	9615	9910	9350	9470	10045	9535	9420	7795	7730
18	1550	1515	1500	1495	1480	1470	1460	1460	3515	6120	7765	7765	4840	5285	4850	5285	9255	9190	9300	9235	9290	4870	1500	1495	4645
19	1300	1295	1290	1285	1285	1285	1445	3465	8900	9445	9535	9075	10685	9730	10220	9705	9720	9780	9355	9845	9375	5080	1540	1500	6089
20	1500	1500	1320	1310	1305	1305	2620	5115	9630	9570	10410	9350	7655	8200	8325	8190	8230	8720	9690	8385	8385	6695	1560	1550	5855
21	1530	1500	1495	1485	1480	1475	1475	6120	6315	6315	6315	6315	9850	9225	9920	9280	10170	9350	10230	9600	9510	4630	5165	5165	5996
22	1565	1560	1540	1520	1505	2730	4790	7410	9850	9355	9230	9285	8770	8570	9855	10210	9510	9090	9060	9965	9295	5725	2995	2925	6513
23	2915	2860	2790	2790	2785	2730	5460	6520	8940	8630	9120	8980	8895	8280	8405	8280	8895	8480	8440	8550	8960	8650	8740	8655	6990
24	6650	6570	2400	2380	2350	4900	6315	8820	8665	9415	8230	8720	8920	8280	8410	9030	8530	8830	9030	8330	9055	8775	8920	8795	7513
25	8915	8875	9255	9775	9685	9570	10725	10425	9495	9525	10785	10500	10480	11060	9330	10785	9825	10375	17800	17715	21470	21370	20755	21365	12494
26	17040	17120	18375	18305	17235	15645	13785	12490	13615	13300	12985	13215	13570	13615	12370	12370	13170	11645	11630	12215	10015	9700	10015	10585	13500
27	10110	9525	9540	9495	7920	7960	8050	7580	9715	8915	9485	8475	9090	9360	8840	8790	8695	9560	8980	8980	8990	8990	8990	8980	8959
28	8820	8290	9335	9335	8820	9320	8895	9440	8975	9555	8990	9120	8565	9545	8410	9555	8990	9555	9505	10015	10020	10005	9450	10585	9296
29	9980	9450	10005	10570	9450	10005	10005	10005	9495	10155	10080	9525	10110	10125	10095	9540	10110	9540	10065	10110	10155	9480	10125	10110	9929
30	9495	9495	10110	9525	10110	9630	9180	9855	9365	9910	9470	9970	8970	8140	9960	8740	9350	9390	9670	9390	9470	9470	9470	10090	9509
31	1540	1540	1520	1505	1500	1485	1475	1475	8115	8735	8230	8900	5585	5935	6615	5730	6275	6410	5730	6615	5935	1565	1550	1540	4396
																								Monthly Average	9586

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1994
STATION 7
CONNECTICUT RIVER/VERMONT YANKEE

Results in milligrams per liter (mg/l) unless otherwise noted.

Parameter	January 13 1140	February 15 1030	March 16 1205	April 13 0850	May 18 1245	June 16 0925
Temperature	32.0	31.9	32.4	38.6	50.6	69.6
Dissolved Oxygen	13.30	14.70	13.30	14.60	11.10	8.55
Percent Saturation	91.0	100.5	91.5	110.4	99.1	95.7
pH (Std. Units)	7.3	7.1	7.2	7.3	7.4	7.5
Alkalinity as $CaCO_3$	32.0	31.0	27.0	19.0	22.0	29.0
Total Solids	60.0	290.0	74.0	55.0	68.0	91.0
Total Suspended Solids	1.1	160.0	4.2	8.7	4.9	6.1
Turbidity (NTU)	0.9	1.6	2.4	3.0	2.0	2.1
Sodium	6.2	6.6	7.0	4.4	4.2	5.3
Chloride	9.5	11.0	11.1	7.4	7.4	8.4
Sulfate	9.0	9.1	7.8	6.8	6.0	7.0
Copper	<0.005	<0.005	<0.004	<0.005	<0.004	<0.004
Iron	0.17	0.78	0.18	0.60	0.20	0.19
Zinc	0.013	0.023	0.017	0.007	0.015	0.062
Calcium	13.6	14.8	10.2	8.7	9.5	12.3
Magnesium	1.81	1.85	1.52	1.28	1.18	1.37
Total Hardness	41.0	45.0	32.0	27.0	24.0	31.0
Total Phosphate	0.039	0.082	0.067	0.010	0.020	0.026

1994
STATION 7
CONNECTICUT RIVER/VERMONT YANKEE

Results in milligrams per liter (mg/l) unless otherwise noted.

Parameter	July 13 1220	August 18 1028	Sept. 14 0855	October 13 0845	Nov. 14 1030	December 15 1030
Temperature	78.4	72.2	65.3	54.7	46.2	33.5
Dissolved Oxygen	7.85	8.05	8.95	9.80	11.65	13.25
Percent Saturation	96.4	92.7	95.5	92.2	98.1	92.8
pH (Std. Units)	7.8	7.5	7.7	7.8	7.9	7.5
Alkalinity as $CaCO_3$	46.0	36.0	42.0	41.0	40.0	27.0
Total Solids	81.0	133.0	86.0	119.0	92.0	80.0
Total Suspended Solids	2.0	1.9	1.8	2.1	3.8	6.2
Turbidity (NTU)	0.9	1.0	0.7	1.2	1.5	1.5
Sodium	6.4	6.3	6.5	5.5	6.6	5.6
Chloride	8.3	9.7	11.1	11.4	10.5	7.7
Sulfate	7.0	8.0	8.6	8.0	8.0	7.0
Copper	0.009	<0.004	<0.005	<0.005	<0.005	<0.005
Iron	0.15	0.13	0.09	0.16	0.25	0.32
Zinc	0.014	<0.004	0.020	<0.005	<0.005	<0.008
Calcium	14.1	13.9	16.2	16.4	16.7	11.0
Magnesium	1.53	1.75	1.91	<5.0	<5.0	1.51
Total Hardness as CaC03	35.0	42.0	48.0	49.0	50.0	34.0
Total Phosphate as P	0.030	0.040	0.020	0.038	0.031	0.022

1994
STATION 3
CONNECTICUT RIVER/VERMONT YANKEE

Results in milligrams per liter (mg/l) unless otherwise noted.

Parameter	January 13 1045	February 15 0945	March 16 0950	April 13 0915	May 18 1900	June 16 1047
Temperature (°F)	36.2	37.3	34.0	38.9	51.4	71.3
Dissolved Oxygen	13.0	14.0	12.9	14.60	11.25	8.9
Percent Saturation	94.9	103.8	91.0	110.9	101.5	101.5
pH (Std. Units)	7.3	7.3	7.2	7.4	7.4	7.5
Alkalinity as $CaCO_3$	31.0	34.0	20.0	21.0	24.0	31.0
Total Solids	72	110	74	91	87	65
Total Suspended Solids	1.2	2.5	2.9	42	8.5	3.8
Turbidity (NTU)	0.8	1.2	2.4	2.8	2.5	2.3
Sodium	5.8	7.4	7.0	4.6	4.3	5.1
Chloride	9.1	12.5	11.4	7.6	7.4	8.2
Suflate	10.0	9.6	8.4	6.9	7.0	7.0
Copper	<0.005	<0.005	<0.004	<0.005	<0.004	<0.004
Iron	0.16	0.16	0.20	1.24	0.27	0.17
Zinc	<0.005	<0.021	<0.010	0.009	<0.015	<0.029

1994
STATION 3
CONNECTICUT RIVER/VERMONT YANKEE

Results in milligrams per liter (mg/l) unless otherwise noted.

Parameter	July 13 0845	August 18 1002	September 14 0945	October 13 0920	November 14 1050	December 15 0810
Temperature (°F)	78.4	74.4	66.4	56.8	52.0	37.5
Dissolved Oxygen	8.05	7.80	9.30	10.20	10.70	12.85
Percent Saturation	98.8	91.9	100.5	98.5	97.3	95.6
pH (Std. Units)	7.5	7.6	7.8	7.8	7.8	7.5
Alkalinity as $CaCO_3$	37.0	35.0	41.0	41.0	41.0	27.0
Total Solids	79.0	132.0	85.0	123.0	86.0	74.0
Total Suspended Solids	1.3	1.6	1.2	1.7	2.1	2.0
Turbidity (NTU)	0.7	0.8	0.6	1.3	1.0	1.4
Sodium	6.0	6.1	6.4	5.4	7.0	5.2
Chloride	8.1	9.6	10.9	11.2	10.6	7.2
Sulfate	8.0	8.0	7.8	8.0	7.0	7.0
Copper	<0.005	<0.004	<0.005	<0.005	<0.005	<0.005
Iron	0.10	0.12	0.08	0.15	0.17	0.18
Zinc	<0.005	<0.004	0.010	<0.005	<0.005	0.005

1994
VERMONT YANKEE DISCHARGE

Results in milligrams per liter (mg/l) unless otherwise noted.

Parameter	January 13 1010	February 15 1130	March 16 1025	April 13 0950	May 18 1055	June 16 1012
Temperature	58.6	58.3	59.8	64.4	71.2	90.3
Dissolved Oxygen	12.45	13.35	12.45	13.00	10.40	8.50
Percent Saturation	122.9	131.3	124.7	137.3	118.4	117.1
pH (Std. Units)	7.2	7.2	7.3	7.2	7.4	7.5
Alkalinity as $CaCO_3$	32.0	32.0	24.0	21.0	23.0	31.0
Total Solids	65.0	94.0	75.0	85.0	189.0	68.0
Total Suspended Solids	1.5	1.1	3.3	34.0	6.8	9.1
Turbidity (NTU)	0.8	0.9	2.5	2.5	1.5	2.1
Sodium	6.1	7.1	6.9	4.3	4.2	5.5
Chloride	9.3	11.4	11.7	7.5	7.9	8.4
Sulfate	9.0	9.8	8.3	6.5	7.0	8.0
Copper	0.008	<0.005	<0.005	<0.007	<0.004	0.005
Iron	0.17	0.15	0.20	1.14	0.25	0.20
Zinc	0.013	0.011	0.016	0.014	0.019	0.380

1994
VERMONT YANKEE DISCHARGE

Results in milligrams per liter (mg/l) unless otherwise noted.

Parameters	July 13 1130	August 18 0930	Sept. 14 1120	October 13 1015	Nov. 14 1240	Dec. 15 0900
Temperature	95.5	92.4	89.6	68.8	72.9	63.3
Dissolved Oxygen	7.00	7.70	7.45	9.45	10.90	12.55
Percent Saturation	101.2	108.2	102.0	104.9	126.4	130.9
pH (Std. Units)	7.8	7.5	8.1	7.7	7.9	7.5
Alkalinity as $CaCO_3$	45.0	36.0	46.0	42.0	41.0	26.0
Total Solids	80.0	135.0	93.0	131.0	88.0	79.0
Total Suspended Solids	1.7	2.3	2.1	1.3	1.5	2.4
Turbidity (NTU)	1.0	1.0	1.2	1.2	1.2	1.4
Sodium	6.9	6.3	7.1	5.3	6.7	5.5
Chloride	8.1	9.5	11.7	12.5	10.3	7.6
Sulfate	7.0	8.0	8.4	8.0	8.0	7.0
Copper	0.012	0.008	0.024	0.008	0.007	0.006
Iron	0.14	0.15	0.10	0.15	0.17	0.19
Zinc	0.042	0.006	0.015	0.007	0.007	0.011

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Appendix B
Phytoplankton

DATE : April 25, 1994 14:15
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15388
CONVERSION FACTOR : 0.6/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Indeterminate	1	live
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	9	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	5	live
Fragilaria sp.	3	dead
Fragilaria sp.	14	live
Synedra sp.	1	live
Tabellaria sp.	2	live
Naviculales		
Naviculaceae		
Navicula sp.	1	live

DATE : April 25, 1994 14:20
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15389
CONVERSION FACTOR : 0.5/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	8	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	3	live
CHRYSOPHYCOPHYTA		
Indeterminate	3	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	2	dead
Indeterminate	8	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	live
Fragilaria sp.	8	dead
Fragilaria sp.	12	live
Tabellaria sp.	1	live

DATE : April 25, 1994 14:40
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15390
CONVERSION FACTOR : 3.7/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	84	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	live
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	1	dead
Ulothrix sp.	27	live
CHRYSOPHYCOPHYTA		
Indeterminate	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	27	live
Fragilariales		
Fragilariaceae		
Fragilaria sp.	2	dead
Fragilaria sp.	3	live
Naviculales		
Naviculaceae		
Navicula sp.	2	live
Cymbellaceae		
Cymbella sp.	1	live

DATE : April 25, 1994 14:45
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15391
CONVERSION FACTOR : 0.5/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	27	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	4	live
CHRYSOPHYCOPHYTA		
Indeterminate	2	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	11	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	2	live
Fragilaria sp.	1	dead
Fragilaria sp.	3	live
Synedra sp.	1	live
Naviculales		
Naviculaceae		
Gyrosigma sp.	1	live
Navicula sp.	1	live
Cymbellaceae		
Cymbella sp.	2	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	1	live

DATE : May 16, 1994 12:25
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15415
CONVERSION FACTOR : 0.5/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	dead
Oscillatoria sp.	20	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	2	live
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	1	live
EUGLENOPHYCOPHYTA		
Euglenophyceae		
Euglenales		
Euglenaceae		
Indeterminate	3	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	2	live
Synuraceae		
Synura sp.	6	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	2	dead
Indeterminate	6	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	10	live
Fragilaria sp.	5	dead
Fragilaria sp.	15	live
Tabellaria sp.	3	live
Naviculales		
Naviculaceae		
Navicula sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	22	live

DATE : May 16, 1994 12:30
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15416
CONVERSION FACTOR : 0.5/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	10	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Oedogoniales		
Oedogoniaceae		
Oedogonium sp.	1	dead
EUGLENOPHYCOPHYTA		
Euglenophyceae		
Euglenales		
Euglenaceae		
Indeterminate	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	live
Synuraceae		
Synura sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	4	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	10	live
Fragilaria sp.	11	live
Synedra sp.	1	live
Tabellaria sp.	2	live
Naviculales		
Naviculaceae		
Navicula sp.	3	live
Cymbellaceae		
Cymbella sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	7	dead
Melosira sp.	24	live

DATE : May 16, 1994 13:00
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15417
CONVERSION FACTOR : 0.6/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Indeterminate	1	live
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	dead
Oscillatoria sp.	12	live
CHLOROPHYCOPHYTA		
Indeterminate	1	live
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	dead
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	2	dead
Ulothrix sp.	4	live
EUGLENOPHYCOPHYTA		
Euglenophyceae		
Euglenales		
Euglenaceae		
Indeterminate	1	dead
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	2	dead
Indeterminate	6	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	3	live
Fragilaria sp.	2	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	2	dead
Melosira sp.	6	live

DATE : May 16, 1994 13:05
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15418
CONVERSION FACTOR : 0.6/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Indeterminate	4	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	7	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	2	dead
Ulothrix sp.	17	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	2	dead
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	11	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	8	live
Fragilaria sp.	1	dead
Fragilaria sp.	1	live
Tabellaria sp.	7	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	5	live

DATE : June 14, 1994 9:50
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15858
CONVERSION FACTOR : 3.7/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	2	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	4	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	dead
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	7	live
Synuraceae		
Synura sp.	2	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	6	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	71	live
Fragilaria sp.	6	live
Tabellaria sp.	1	live
Naviculales		
Naviculaceae		
Navicula sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	1	dead
Melosira sp.	181	live

DATE : June 14, 1994 9:55
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15859
CONVERSION FACTOR : 3.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	4	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	7	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	5	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	51	live
Fragilaria sp.	2	live
Tabellaria sp.	2	dead
Tabellaria sp.	3	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	56	live

DATE : June 14, 1994 7:35
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15860
CONVERSION FACTOR : 2.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Indeterminate	4	live
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	2	dead
Oscillatoria sp.	2	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	7	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	7	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	3	dead
Asterionella sp.	24	live
Fragilaria sp.	6	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	4	dead
Melosira sp.	18	live

DATE : June 14, 1994 7:40
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15861
CONVERSION FACTOR : 2.4/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Indeterminate	2	live
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	1	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	4	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron sp.	1	live
Hydrodictyaceae		
Pediastrum sp.	1	dead
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	6	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	6	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	29	live
Fragilaria sp.	6	live
Synedra sp.	1	live
Tabellaria sp.	7	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	1	dead
Melosira sp.	27	live

DATE : July 12, 1994 14:45
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15991
CONVERSION FACTOR : 2.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	1	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	live
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	3	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	25	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	28	live
Fragilaria sp.	1	dead
Fragilaria sp.	10	live
Cbscinodiscales		
Coscinodiscaceae		
Melosira sp.	13	dead
Melosira sp.	32	live

DATE : July 12, 1994 14:50
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15992
CONVERSION FACTOR : 2.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	1	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	2	live
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	2	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	5	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	8	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	29	live
Fragilaria sp.	4	live
Synedra sp.	1	live
Tabellaria sp.	2	dead
Tabellaria sp.	5	live
Nåviculales		
Cymbellaceae		
Cymbella sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	10	dead
Melosira sp.	48	live
PYRROPHYCOPHYTA		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium sp.	3	live

DATE : July 12, 1994 11:35
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15993
CONVERSION FACTOR : 1.1/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	2	live
Nostocales		
Nostocaceae		
Anabaena sp.	1	dead
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	17	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	dead
Pediastrum sp.	1	live
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	2	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	dead
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	1	dead
Indeterminate	6	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	18	live
Fragilaria sp.	1	dead
Fragilaria sp.	11	live
Tabellaria sp.	2	dead
Tabellaria sp.	3	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	3	dead
Melosira sp.	14	live
PYRROPHYCOPHYTA		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium sp.	2	live

DATE : July 12, 1994 11:40
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15994
CONVERSION FACTOR : 1.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	2	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	dead
Oscillatoria sp.	6	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	live
Ulotrichales		
Ulotrichaceae		
Ulothrix sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	3	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	6	live
Fragilaria sp.	6	live
Tabellaria sp.	2	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	2	dead
Melosira sp.	7	live
PYRROPHYCOPHYTA		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium sp.	2	live

DATE : August 11, 1994 9:50
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16059
CONVERSION FACTOR : 0.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
CHLOROPHYCOPHYTA		
Indeterminate	1	live
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus sp.	1	live
Hydrodictyaceae		
Pediastrum sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	35	live
Desmidiaceae		
Cosmarium sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	live
Fragilaria sp.	24	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	72	live
PYRROPHYCOPHYTA		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium sp.	1	live

DATE : August 11, 1994 10:00
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16060
CONVERSION FACTOR : 0.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	31	live
Spirogyra sp.	5	live
Desmidiaceae		
Cosmarium sp.	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	3	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	live
Fragilaria sp.	19	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	57	live

DATE : August 11, 1994 12:50
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16061
CONVERSION FACTOR : 0.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	3	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	10	live
Spirogyra sp.	1	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	1	live
Fragilariales		
Fragilariaceae		
Fragilaria sp.	1	dead
Fragilaria sp.	15	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	14	live
PYRROPHYCOPHYTA		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium sp.	2	live

DATE : August 11, 1994 12:55
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16062
CONVERSION FACTOR : 0.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	1	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Mougeotia sp.	8	live
Spirogyra sp.	2	dead
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	6	live
Fragilariales		
Fragilariaceae		
Fragilaria sp.	3	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	18	live

DATE : September 12, 1994 12:35
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16151
CONVERSION FACTOR : 0.1/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	1	live
CHLOROPHYCOPHYTA		
Indeterminate	2	live
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	17	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	13	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	14	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	25	live
Fragilaria sp.	1	dead
Fragilaria sp.	85	live
Tabellaria sp.	11	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	44	live
CRYPTOPHYCOPHYTA		
Indeterminate	1	live

DATE : September 12, 1994 12:45
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16152
CONVERSION FACTOR : 0.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	1	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	8	live
Spirogyra sp.	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	10	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	16	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	27	dead
Fragilaria sp.	2	dead
Fragilaria sp.	84	live
Synedra sp.	1	live
Tabellaria sp.	10	live
Naviculales		
Cymbellaceae		
Cymbella sp.	2	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	46	live

DATE : September 12, 1994 17:10
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16153
CONVERSION FACTOR : 0.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	dead
Oscillatoria sp.	8	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Mougeotia sp.	3	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	dead
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	4	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	6	live
Fragilaria sp.	1	dead
Fragilaria sp.	61	live
Tabellaria sp.	4	live
Naviculales		
Cymbellaceae		
Cymbella sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	10	live

DATE : September 12, 1994 17:25
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16154
CONVERSION FACTOR : 0.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	11	live
CHLOROPHYCOPHYTA		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Mougeotia sp.	9	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	dead
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	3	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	5	live
Fragilaria sp.	3	dead
Fragilaria sp.	54	live
Tabellaria sp.	6	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	11	live

DATE : October 18, 1994 10:25
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16280
CONVERSION FACTOR : 0.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	23	live
CHLOROPHYCOPHYTA		
Indeterminate	18	live
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	9	live
Desmidiaceae		
Closterium sp.	2	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	17	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	1	dead
Indeterminate	12	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	48	live
Fragilaria sp.	2	dead
Fragilaria sp.	65	live
Tabellaria sp.	13	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	40	live

DATE : October 18, 1994 10:35
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16281
CONVERSION FACTOR : 0.2/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	1	live
CHLOROPHYCOPHYTA		
Indeterminate	17	live
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Actinastrum sp.	1	live
Hydrodictyaceae		
Pediastrum sp.	4	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	8	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	18	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	4	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	59	live
Fragilaria sp.	1	dead
Fragilaria sp.	83	live
Tabellaria sp.	7	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	43	live

DATE	:	October 18, 1994 15:00
LOCATION	:	Vermont Yankee Discharge
METHOD	:	Wisconsin net by bucket, 40 liters
SAMPLE	:	16282
CONVERSION FACTOR	:	0.3/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	1	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	4	dead
Oscillatoria sp.	21	live
CHLOROPHYCOPHYTA		
Indeterminate	14	live
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Ankistrodesmus sp.	1	live
Hydrodictyaceae		
Pediastrum sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	3	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	19	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	2	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	23	live
Fragilaria sp.	3	dead
Fragilaria sp.	77	live
Tabellaria sp.	9	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	13	live

DATE : October 18, 1994 15:10
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16283
CONVERSION FACTOR : 0.3/liter

Organism	Nurber	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria sp.	1	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	dead
Oscillatoria sp.	51	live
CHLOROPHYCOPHYTA		
Indeterminate	15	live
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	dead
Pediastrum sp.	3	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	2	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	dead
Dinobryon sp.	25	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	1	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	11	live
Fragilaria sp.	2	dead
Fragilaria sp.	45	live
Tabellaria sp.	5	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	6	live

DATE : November 1, 1994 9:25
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16405
CONVERSION FACTOR : 1.1/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	dead
CHLOROPHYCOPHYTA		
Chlorophyceae		
Volvocales		
Volvocaceae		
Indeterminate	1	live
Chlorococcales		
Hydrodictyaceae		
Pediastrum sp.	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	25	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	12	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	2	dead
Asterionella sp.	147	live
Fragilaria sp.	6	live
Tabellaria sp.	3	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	7	live

DATE : November 1, 1994 9:35
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16406
CONVERSION FACTOR : 1.1/liter

Organism	Number	Remarks
CHLOROPHYCOPHYTA		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Indeterminate	1	live
Mougeotia sp.	3	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	18	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	14	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	175	live
Fragilaria sp.	4	live
Tabellaria sp.	2	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	11	live

DATE : November 1, 1994 13:10
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16407
CONVERSION FACTOR : 1.1/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	4	dead
Oscillatoria sp.	2	live
CHLOROPHYCOPHYTA		
Indeterminate	1	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	4	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	3	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	43	live
Fragilaria sp.	4	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	1	live

DATE : November 1, 1994 13:20
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16408
CONVERSION FACTOR : 1.1/liter

Organism	Number	Remarks
CYANOCHLORONTA		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	4	dead
CHLOROPHYCOPHYTA		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Indeterminate	2	live
CHRYSOPHYCOPHYTA		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	4	live
BACILLARIOPHYCOPHYTA		
Bacillariophyceae		
Indeterminate	3	live
Fragilariales		
Fragilariaceae		
Asterionella sp.	1	dead
Asterionella sp.	43	live
Fragilaria sp.	6	live
Tabellaria sp.	1	live
Coscinodiscales		
Coscinodiscaceae		
Melosira sp.	2	live

Appendix C
Zooplankton

DATE : April 26, 1994 9:30
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15393
CONVERSION
FACTOR : .27/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
ROTATORIA		
Indeterminate	3	dead
Indeterminate	1	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Copepoda nauplii	1	live
Insecta		
Diptera		
Indeterminate	2	live

DATE : April 26, 1994 9:35
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15394
CONVERSION FACTOR : .28/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
ROTATORIA		
Indeterminate	3	dead
Monogononta		
Floscularlacea		
Testudinellidae		
Filinia sp.	1	live
Ploima		
Asplanchnidae		
Asplanchna sp.	1	dead
Brachionidae		
Trichotria sp.	2	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	4	live

DATE : April 26, 1994 9:00
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15395
CONVERSION FACTOR : .32/liter

Organism	Number	Remarks
ROTATORIA		
Indeterminate	4	dead
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	live
Brachionidae		
Notholca sp.	1	live
Trichotria sp.	2	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Copepoda nauplii	2	live
Insecta		
Diptera		
Indeterminate	1	live

DATE : April 26, 1994 9:05
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15396
CONVERSION FACTOR : .21/liter

Organism	Number	Remarks
ROTATORIA		
Indeterminate	3	dead
Indeterminate	2	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	1	live
Insecta		
Diptera		
Indeterminate	1	live

DATE : May 17, 1994 7:42
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15462
CONVERSION
FACTOR : .40/liter

Organism	Nurber	Remarks
PROTOZOA		
Indeterminate	3	live
ROTATORIA		
Indeterminate	6	dead
Indeterminate	2	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Synchaeta sp.	2	live
Asplanchnidae		
Asplanchna sp.	1	dead
Brachionidae		
Keratella sp.	1	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	3	live
Copepoda nauplii	2	live

DATE : May 17, 1994 7:42
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15463
CONVERSION FACTOR : .56/liter

Organism	Nu ber	Remarks
PROTOZOA		
Indeterminate	1	live
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	4	dead
Indeterminate	2	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Brachionidae		
Lepadella sp.	1	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	1	live
Insecta		
Diptera		
Indeterminate	1	live

DATE : May 17, 1994 7:15
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15464
CONVERSION FACTOR : .30/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	live
NEMATODA		
Indeterminate	1	dead
Indeterminate	1	live
ROTATORIA		
Indeterminate	1	dead
Indeterminate	2	live
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	dead
Synchaeta sp.	3	live
Brachionidae		
Keratella sp.	1	live
Lecane sp.	1	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	3	live
Insecta		
Diptera		
Indeterminate	1	live

DATE : May 17, 1994 7:20
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15465
CONVERSION FACTOR : .63/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
NEMATODA		
Indeterminate	1	live
ROTATORIA		
Indeterminate	3	dead
Indeterminate	3	live
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	2	live
Brachionidae		
Platyias sp.	1	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	2	live
Copepoda nauplii	1	dead
Copepoda nauplii	1	live
Insecta		
Diptera		
Indeterminate	1	live

DATE : June 15, 1994 9:30
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15862
CONVERSION
FACTOR : .48/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	live
ROTATORIA		
Indeterminate	5	dead
Indeterminate	1	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	3	dead
Synchaeta sp.	1	dead
Synchaeta sp.	6	live
Brachionidae		
Keratella sp.	2	live
Trichotria sp.	4	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	dead
Indeterminate	1	live
Eucopepoda		
Copepoda		
Indeterminate	1	live
Copepoda nauplii	5	live

DATE : June 15, 1994 9:35
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15863
CONVERSION FACTOR : .53/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
ROTATORIA		
Indeterminate	4	dead
Indeterminate	2	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	live
Synchaeta sp.	9	dead
Synchaeta sp.	6	live
Brachionidae		
Keratella sp.	1	live
Trichotria sp.	2	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	dead
Indeterminate	1	live
Ostracoda		
Indeterminate	2	live
Eucopepoda		
Copepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	1	live
Insecta		
Diptera		
Indeterminate	1	live

DATE : June 15, 1994 10:42
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15864
CONVERSION FACTOR : .35/liter

Organism	Number	Remarks
PROTOZOA		
Ciliata		
Indeterminate	1	live
ROTATORIA		
Indeterminate	8	dead
Indeterminate	1	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Synchaeta sp.	3	dead
Synchaeta sp.	2	live
Brachionidae		
Brachionus sp.	1	live
Keratella sp.	1	live
Trichotria sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	live
Eucopepoda		
Copepoda		
Indeterminate	3	live
Copepoda nauplii	3	live

DATE : June 15, 1994 10:47
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15865
CONVERSION FACTOR : .51/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
ROTATORIA		
Indeterminate	1	dead
Indeterminate	1	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Polyarthra sp.	1	live
Synchaeta sp.	2	dead
Brachionidae		
Keratella sp.	1	dead
Keratella sp.	4	live
Trichotria sp.	1	live

DATE : July 13, 1994 10:10
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15995
CONVERSION FACTOR : .51/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	live
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	2	live
Monogononta		
Collothecacea		
Collothecidae		
Collotheca sp.	2	live
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Synchaeta sp.	3	live
Trichocercidae		
Trichocerca sp.	1	dead
Trichocerca sp.	2	live
Asplanchnidae		
Asplanchna sp.	1	live
Brachionidae		
Keratella sp.	3	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	11	live
Eucopepoda		
Copepoda		
Indeterminate	1	live
Copepoda nauplii	4	live

DATE : July 13, 1994 10:15
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15996
CONVERSION FACTOR : .58/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
NEMATODA		
Indeterminate	1	live
ROTATORIA		
Indeterminate	1	live
Monogononta		
Collothecacea		
Collothecidae		
Collotheca sp.	1	live
Ploima		
Synchaetidae		
Synchaeta sp.	14	live
Brachionidae		
Euchlanis sp.	1	live
Keratella sp.	1	dead
Keratella sp.	3	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	5	dead
Indeterminate	34	live
Ostracoda		
Indeterminate	2	dead
Eucopepoda		
Copepoda		
Indeterminate	4	live
Insecta		
Diptera		
Indeterminate	4	live

DATE : July 13, 1994 11:40
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15997
CONVERSION
FACTOR : .56/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	live
Ciliata		
Indeterminate	1	live
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	1	dead
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	dead
Brachionidae		
Keratella sp.	1	dead
Keratella sp.	3	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	4	dead
Indeterminate	4	live
Insecta		
Diptera		
Indeterminate	2	live

DATE : July 13, 1994 11:45
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 15998
CONVERSION FACTOR : .56/liter

Organism	Number	Remarks
ROTATORIA		
Indeterminate	3	dead
Indeterminate	3	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	live
Synchaeta sp.	1	dead
Trichocercidae		
Trichocerca sp.	2	dead
Brachionidae		
Keratella sp.	3	live
Monostyla sp.	1	dead
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	11	dead
Ostracoda		
Indeterminate	1	live
Eucopepoda		
Copepoda		
Indeterminate	1	dead
Copepoda nauplii	2	dead
Insecta		
Diptera		
Indeterminate	1	live

DATE : August 10, 1994 11:10
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16055
CONVERSION FACTOR : .08/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	live
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	9	live
NEMATODA		
Indeterminate	1	live
ROTATORIA		
Indeterminate	5	live
Monogononta		
Collothecacea		
Collothecidae		
Collotheca sp.	2	live
Ploima		
Synchaetidae		
Polyarthra sp.	1	live
Synchaeta sp.	1	dead
Synchaeta sp.	22	live
Brachionidae		
Trichotria sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	live
Ostracoda		
Indeterminate	3	dead
Eucopepoda		
Copepoda		
Indeterminate	7	live
Copepoda nauplii	11	live

DATE : August 10, 1994 11:15
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16056
CONVERSION FACTOR : .15/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	live
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	3	live
ROTATORIA		
Indeterminate	6	live
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus sp.	1	live
Collothecacea		
Collothecidae		
Collotheca sp.	2	live
Ploima		
Synchaetidae		
Polyarthra sp.	1	live
Synchaeta sp.	1	dead
Synchaeta sp.	25	live
Trichocercidae		
Trichocerca sp.	2	live
Brachionidae		
Keratella sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	live
Eucopepoda		
Copepoda		
Copepoda nauplii	6	live

DATE : August 10, 1994 15:30
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16057
CONVERSION FACTOR : .08/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	dead
Indeterminate	2	live
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	dead
Ciliata		
Indeterminate	9	dead
Indeterminate	2	live
ROTATORIA		
Indeterminate	2	dead
Indeterminate	1	live
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	12	dead
Synchaeta sp.	2	live
Asplanchnidae		
Asplanchna sp.	1	dead
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	4	dead
Eucopepoda		
Copepoda		
Copepoda nauplii	3	dead
Copepoda nauplii	2	live

DATE : August 10, 1994 15:35
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16058
CONVERSION FACTOR : .53/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	live
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	live
Ciliata		
Indeterminate	2	live
ROTATORIA		
Monogononta		
Floscularíacea		
Conochilidae		
Conochilus unicornis	2	live
Ploima		
Synchaetidae		
Synchaeta sp.	5	dead
Synchaeta sp.	3	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	live
Eucopepoda		
Copepoda		
Indeterminate	4	dead
Copepoda nauplii	6	dead

DATE : September 13, 1994 9:20
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16155
CONVERSION FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
ROTATORIA		
Indeterminate	1	dead
Indeterminate	12	live
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus sp.	1	live
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Polyarthra sp.	4	live
Synchaeta sp.	5	live
Brachionidae		
Monostyla sp.	2	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	2	live

DATE : September 13, 1994 9:30
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16156
CONVERSION
FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	live
Ciliata		
Indeterminate	2	live
ROTATORIA		
Indeterminate	3	dead
Indeterminate	24	live
Monogononta		
Collothecacea		
Collothecidae		
Collotheca sp.	1	live
Ploima		
Synchaetidae		
Polyarthra sp.	3	dead
Synchaeta sp.	3	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	live
Eucopepoda		
Copepoda		
Indeterminate	2	live
Copepoda nauplii	1	live

DATE : September 13, 1994 13:05
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16157
CONVERSION FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	2	live
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	2	live
Ciliata		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	9	dead
Indeterminate	19	live
Monogononta		
Collothecacea		
Collothecidae		
Collotheca sp.	1	dead
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Polyarthra sp.	1	live
Synchaeta sp.	4	dead
Synchaeta sp.	14	live
Brachionidae		
Keratella sp.	4	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	1	dead
Indeterminate	2	live
Copepoda nauplii	4	dead
Copepoda nauplii	7	live

DATE : September 13, 1994 13:20
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16158
CONVERSION FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	live
Ciliata		
Indeterminate	1	live
ROTATORIA		
Indeterminate	3	dead
Indeterminate	5	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	5	dead
Polyarthra sp.	1	live
Synchaeta sp.	1	dead
Synchaeta sp.	5	live
Brachionidae		
Keratella sp.	1	live
Lecane sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	4	live
Eucopepoda		
Copepoda		
Indeterminate	2	dead
Indeterminate	4	live
Copepoda nauplii	4	live
Insecta		
Diptera		
Chironomidae		
Indeterminate	1	live

DATE : October 19, 1994 8:50
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16284
CONVERSION
FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	live
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	live
ROTATORIA		
Indeterminate	2	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	live
Synchaeta sp.	1	dead
Synchaeta sp.	7	live
Asplanchnidae		
Asplanchna sp.	1	live
Brachionidae		
Keratella sp.	1	dead
Keratella sp.	2	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Indeterminate	2	live
Copepoda nauplii	1	dead
Copepoda nauplii	2	live

DATE : October 19, 1994 8:55
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16285
CONVERSION FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Ciliata		
Indeterminate	2	live
ROTATORIA		
Indeterminate	3	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Polyarthra sp.	1	live
Synchaeta sp.	6	live
Asplanchnidae		
Asplanchna sp.	1	live
Brachionidae		
Euchlanis sp.	1	live
Keratella sp.	2	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	2	live

DATE : October 19, 1994 12:05
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16286
CONVERSION FACTOR : .11/liter

Organism	Number	Remarks
PROTOZOA		
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	dead
Difflugia sp.	1	live
Ciliata		
Indeterminate	1	live
ROTATORIA		
Indeterminate	2	dead
Indeterminate	6	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Synchaeta sp.	1	dead
Synchaeta sp.	9	live
Brachionidae		
Lecane sp.	1	live
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	1	live

DATE : October 19, 1994 12:15
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16287
CONVERSION FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	dead
Ciliata		
Indeterminate	3	live
ROTATORIA		
Indeterminate	4	dead
Indeterminate	6	live
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	dead
Synchaeta sp.	4	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	dead
Eucopepoda		
Copepoda		
Copepoda nauplii	1	dead
Insecta		
Diptera		
Chironomidae		
Indeterminate	1	dead

DATE : November 2, 1994 9:35
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16409
CONVERSION FACTOR : .12/liter

Organism	Number	Remarks
PROTOZOA		
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	3	live
ROTATORIA		
Indeterminate	10	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Synchaeta sp.	3	live
Brachionidae		
Keratella sp.	5	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	dead
Indeterminate	1	live
Eucopepoda		
Copepoda		
Indeterminate	2	live
Copepoda nauplii	3	live
Insecta		
Diptera		
Chironomidae		
Indeterminate	2	live

DATE : November 2, 1994 9:45
LOCATION : Vermont Yankee Intake
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16410
CONVERSION FACTOR : .13/liter

Organism	Number	Remarks
PROTOZOA		
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	live
ROTATORIA		
Indeterminate	2	dead
Indeterminate	9	live
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	6	live
Brachionidae		
Keratella sp.	1	dead
Keratella sp.	3	live
Trichotria sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	dead
Indeterminate	6	live
Eucopepoda		
Copepoda		
Copepoda nauplii	2	live

DATE : November 2, 1994 12:40
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16411
CONVERSION FACTOR : .07/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	live
ROTATORIA		
Indeterminate	2	dead
Indeterminate	11	live
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	3	live
Brachionidae		
Keratella sp.	2	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	dead
Indeterminate	2	live
Eucopepoda		
Copepoda		
Copepoda nauplii	1	live

DATE : November 2, 1994 12:50
LOCATION : Vermont Yankee Discharge
METHOD : Wisconsin net by bucket, 40 liters
SAMPLE : 16412
CONVERSION FACTOR : .07/liter

Organism	Number	Remarks
PROTOZOA		
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	live
ROTATORIA		
Indeterminate	4	live
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Synchaeta sp.	1	dead
Asplanchnidae		
Asplanchna sp.	2	dead
Brachionidae		
Keratella sp.	5	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	dead
Eucopepoda		
Copepoda		
Indeterminate	3	live
Copepoda nauplii	2	dead
Copepoda nauplii	1	live

Appendix D
Macroinvertebrates

DATE : May 11, 1994 10:20
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15406

REMARKS : Water temp.: 52.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 11, 1994 10:40
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15407

REMARKS : Water temp.: 52.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 11, 1994 11:00
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15408

REMARKS : Water temp.: 52.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 11, 1994 11:40
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15409

REMARKS : Water temp.: 57.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 11, 1994 12:00
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15410

REMARKS : Water temp.: 52.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 11, 1994 12:20
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15411

REMARKS : Water temp.: 52.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 17, 1994 12:50
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15453

REMARKS : Water temp.: 50.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 17, 1994 13:08
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15454

REMARKS : Water temp.: 50.7 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 17, 1994 13:22
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15455

REMARKS : Water temp.: 51.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 17, 1994 12:00
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15456

REMARKS : Water temp.: 54.9 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 17, 1994 12:12
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15457

REMARKS : Water temp.: 50.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 17, 1994 12:35
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15458

REMARKS : Water temp.: 51.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 18, 1994 14:47
LOCATION : Station 4
METHOD : Settlement sampler, 6 days
SAMPLE : 15478

No Zebra Mussels/Asiatic Clams found

DATE : May 18, 1994 15:00
LOCATION : Station 4
METHOD : Settlement sampler, 22 days
SAMPLE : 15479

No Zebra Mussels/Asiatic Clams found

DATE : May 18, 1994 14:17
LOCATION : Station 5
METHOD : Settlement sampler, 6 days
SAMPLE : 15480

No Zebra Mussels/Asiatic Clams found

DATE : May 18, 1994 14:30
LOCATION : Station 5
METHOD : Settlement sampler, 22 days
SAMPLE : 15481

No Zebra Mussels/Asiatic Clams found

DATE : May 24, 1994 13:00
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15486

REMARKS : Water temp.: 60.4 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 24, 1994 13:20
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15487

REMARKS : Water temp.: 60.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 24, 1994 13:39
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15488

REMARKS : Water temp.: 60.7 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 24, 1994 13:58
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15489

REMARKS : Water temp.: 63.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE	:	May 24, 1994 14:17
LOCATION	:	Station 4-Midstream
METHOD	:	Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE	:	15490
REMARKS	:	Water temp.: 60.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 24, 1994 14:32
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15491

REMARKS : Water temp.: 61.0 degrees F

No Zebra Mussels/Asiatic Clams found

DATE	:	May 31, 1994 14:08
LOCATION	:	Station 5-Vermont
METHOD	:	Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE	:	15534
REMARKS	:	Water temp.: 58.9 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 31, 1994 14:25
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15535

REMARKS : Water temp.: 59.0 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 31, 1994 14:40
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15536

REMARKS : Water temp.: 62.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 31, 1994 13:12
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15537

REMARKS : Water temp.: 61.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 31, 1994 13:25
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15538

REMARKS : Water temp.: 59.1 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 31, 1994 13:40
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15539

REMARKS : Water temp.: 60.3 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : May 24, 1994 14:51
LOCATION : Station 4
METHOD : Settlement sampler, 28 days
SAMPLE : 15540

No Zebra Mussels/Asiatic Clams found

DATE : June 9, 1994 10:30
LOCATION : Station 5
METHOD : Settlement sampler, 12 days
SAMPLE : 15543

No Zebra Mussels/Asiatic Clams found

DATE : June 8, 1994 14:32
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15840

REMARKS : Water temp.: 66.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 8, 1994 14:07
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15841

REMARKS : Water temp.: 65.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 8, 1994 13:45
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15842

REMARKS : Water temp.: 66.4 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 8, 1994 12:30
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15843

REMARKS : Water temp.: 65.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 8, 1994 12:55
LOCATION : Station 4-M'dstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15844

REMARKS : Water temp.: 65.3 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 8, 1994 13:18
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15845

REMARKS : Water temp.: 66.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 14, 1994 12:00
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15879

REMARKS : Water temp.: 69.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 14, 1994 12:12
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15880

REMARKS : Water temp.: 67.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 14, 1994 12:22
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15881

REMARKS : Water temp.: 68.0 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 14, 1994 12:54
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15882

REMARKS : Water temp.: 67.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 14, 1994 13:02
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15883

REMARKS : Water temp.: 67.3 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 14, 1994 13:23
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15884

REMARKS : Water temp.: 67.9 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 14:28
LOCATION : Station 5-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15886

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:10
LOCATION : Station 5-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15887

No Zebra Mussels/Asiatic Clams found

DATE : June 16, 1994 11:15
LOCATION : Station 3-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15890

No Zebra Mussels/Asiatic Clams found

DATE : June 16, 1994 11:52
LOCATION : Station 3-New Hampshire
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15891

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 14:35
LOCATION : Station 5-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15892

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:18
LOCATION : Station 5-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15893

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:32
LOCATION : Station 4-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15888

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 16:10
LOCATION : Station 4-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15889

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:40
LOCATION : Station 4-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15894

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 16:24
LOCATION : Station 4-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15895

No Zebra Mussels/Asiatic Clams found

DATE : June 16, 1994 11:22
LOCATION : Station 3-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15896

No Zebra Mussels/Asiatic Clams found

DATE : June 16, 1994 12:00
LOCATION : Station 3-New Hampshire
METHOD : Petersen grab sampler, 1 haul
CAMPLE : 15897

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:00
LOCATION : Station 5-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15898

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:24
LOCATION : Station 5-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15899

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 15:50
LOCATION : Station 4-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15900

No Zebra Mussels/Asiatic Clams found

DATE : June 15, 1994 16:32
LOCATION : Station 4-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15901

No Zebra Mussels/Asiatic Clams found

DATE : June 16, 1994 11:38
LOCATION : Station 3-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15902

No Zebra Mussels/Asiatic Clams found

DATE : June 16, 1994 12:07
LOCATION : Station 3-New Hampshire
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 15903

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 17:02
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15906

REMARKS : Water temp.: 75.7 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 17:16
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15907

REMARKS : Water temp.: 75.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 17:30
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15908

REMARKS : Water temp.: 76.1 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 16:00
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15909

REMARKS : Water temp.: 76.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 16:14
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15910

REMARKS : Water temp.: 75.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 16:44
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15911

REMARKS : Water temp.: 76.0 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 22, 1994 10:23
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15915

REMARKS : Substrate: cobble, sand, silt, organics

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Rhynchobdellida		
Glossiphonidae		
Helobdella sp.	1	
Oligochaeta		
Tubificida		
Naididae		
Ophidonais serpentina	6	
Pristina sp.	1	
ARTHROPODA		
Insecta		
Trichoptera		
Polycentropodidae		
Indeterminate	5	
Diptera		
Ceratopogonidae		
Bezzia sp.	1	
Chironomidae		
Chironominae		
Indeterminate	3	
Phaenopsectra sp.	1	
Polypedilum sp.	6	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	
Unionidae		
Elliptio complanata	1	

DATE : June 22, 1994 10:26
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15916

REMARKS : Substrate: cobble, sand, silt, organics

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	26	
Tubificida		
Naididae		
Pristina sp.	1	
Tubificidae		
Branchiura sowerbyi	1	
ARTHROPODA		
Insecta		
Trichoptera		
Polycentropodidae		
Indeterminate	2	
Diptera		
Ceratopogonidae		
Bezzia sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola limosa	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium rhomboidium	1	

DATE : June 22, 1994 10:30
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15917

REMARKS : Substrate: cobble, sand, silt, organics

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	9	
Tubificida		
Naididae		
Pristina sp.	1	
ARTHROPODA		
Insecta		
Trichoptera		
Polycentropodidae		
Indeterminate	1	
Diptera		
Chironomidae		
Chironominae		
Demicryptochironomus sp.	1	
Pagastiella sp.	1	
Polypedilum sp.	2	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola limosa	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : June 22, 1994 10:42
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15918

REMARKS : Substrate: cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	2	
Tubificida		
Tubificidae		
Branchiura sowerbyi	1	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Baetidae		
Baetis sp.	3	
Heptageniidae		
Leucrocuta sp.	10	
Trichoptera		
Polycentropodidae		
Phylocentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	18	
Tanypodinae		
Indeterminate	2	
Orthocladiinae		
Indeterminate	4	
Orthocladius sp.	2	
Parorthocladius sp.	1	
Synorthocladius sp.	1	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	3	
Dicrotendipes sp.	1	
Tanytarsus sp.	3	
Empididae		
Indeterminate	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	4	

DATE : June 22, 1994 10:47
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15919

REMARKS : Substrate: cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Insecta		
Plecoptera		
Indeterminate	1	
Ephemeroptera		
Baetidae		
Indeterminate	1	
Caenidae		
Caenis sp.	1	
Ephemeridae		
Indeterminate	1	
Heptageniidae		
Leucrocuta sp.	1	
Trichoptera		
Polycentropodidae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	4	
Tanypodinae		
Indeterminate	2	
Ablabesmyia sp.	1	
Orthocladiinae		
Indeterminate	2	
Orthocladius sp.	1	
Synorthocladius sp.	1	
Chironominae		
Cladotanytarsus sp.	1	
Cryptochironomus sp.	1	
Pagastiella sp.	1	
Phaenopsectra sp.	1	
Tanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 22, 1994 10:52
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15920

REMARKS : Substrate: cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Baetis sp.	1	
Heptageniidae		
Heptagenia sp.	1	
Leucrocuta sp.	4	
Trichoptera		
Hydropsychidae		
Symphitopsyche sp.	1	
Polycentropodidae		
Polycentropus sp.	2	
Diptera		
Chironomidae		
Indeterminate	4	
Tanypodinae		
Indeterminate	1	
Orthocladiinae		
Indeterminate	4	
Orthocladius sp.	1	
Synorthocladius sp.	2	
Chironominae		
Indeterminate	1	
Dicrotendipes sp.	1	
Tanytarsus sp.	3	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	

DATE : June 22, 1994 11:00
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15921

REMARKS : Substrate: cobble, light silt, fine sand, organic debris

Organisms	Number	Remarks
NEMATODA		
Indeterminate	1	
ANNELIDA		
Oligochaeta		
Indeterminate	174	
Tubificida		
Naididae		
Pristina sp.	11	
Tubificidae		
Branchiura sp.	2	
Branchiura sowerbyi	1	
ARTHROPODA		
Crustacea		
Isopoda		
Indeterminate	1	
Insecta		
Odonata		
Coenagrionidae		
Argia sp.	2	
Trichoptera		
Polycentropodidae		
Indeterminate	5	
Diptera		
Ceratopogonidae		
Indeterminate	135	
Chironomidae		
Indeterminate	57	
Orthocladiinae		
Indeterminate	2	
Chironominae		
Cryptochironomus sp.	17	
Cryptotendipes sp.	1	
Demicryptochironomus sp.	2	
Pagastiella sp.	22	
Culicidae		
Indeterminate	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	5	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	

DATE : June 22, 1994 11:05
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15922

REMARKS : Substrate: cobble, light silt, fine sand, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	71	
Tubificida		
Tubificidae		
Branchiura sp.	4	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	91	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Cryptochironomus sp.	21	
Cryptotendipes sp.	2	
Demicryptochironomus sp.	5	
Pagastiella sp.	6	
Polypedilum sp.	2	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	4	

DATE : June 22, 1994 11:12
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15923

REMARKS : Substrate: cobble, light silt, fine sand, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	156	
Tubificida		
Tubificidae		
Branchiura sp.	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	2	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Hydrophilidae		
Indeterminate	1	
Diptera		
Ceratopogonidae		
Indeterminate	175	
Chironomidae		
Indeterminate	60	
Orthocladiinae		
Indeterminate	1	
Doncricotopus sp.	1	
Chironominae		
Cryptochironomus sp.	31	
Cryptotendipes sp.	7	
Demicryptochironomus sp.	3	
Harnischia sp.	1	
Pagastiella sp.	16	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	16	

DATE	:	June 22, 1994 12:30
LOCATION	:	Station 3-Vermont
METHOD	:	Ekman dredge (9 inch), 3 hauls
SAMPLE	:	15924
REMARKS	:	Substrate: fine silt, cobble, large rocks

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		
Plumatellidae		
Plumatella sp.	1	
ANNELIDA		
Oligochaeta		
Indeterminate	6	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Lirceus sp.	1	
Insecta		
Ephemeroptera		
Indeterminate	1	
Baetidae		
Indeterminate	1	
Ephemerellidae		
Ephemerella sp.	3	
Heptageniidae		
Leucrocuta sp.	1	
Odonata		
Macromiidae		
Macromia sp.	1	
Trichoptera		
Hydropsychidae		
Macrostemum sp.	1	
Hydroptilidae		
Orthotrichiinae		
Orthotrichia sp.	2	
Polycentropodidae		
Polycentropus sp.	1	
Coleoptera		
Elmidae		
Neoelmis sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	7	
Chironomidae		
Indeterminate	59	
Tanypodinae		
Indeterminate	6	
Procladius sp.	1	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Chironomus sp.	1	
Cladotanytarsus sp.	9	
Cryptotendipes sp.	1	
Dicrotendipes sp.	4	
Tanytarsus sp.	13	
Simuliidae		
Simulium sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	5	

(CONTINUED)

DATE : June 22, 1994 12:30
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15924

Organisms	Number	Remarks
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	

DATE : June 22, 1994 12:45
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15925

REMARKS : Substrate: fine silt, cobble, large rocks

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Lophopodidae		
Lophopodella carteri	2	
ANNELIDA		
Oligochaeta		
Indeterminate	7	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	30	
Chironomidae		
Tanypodinae		
Procladius sp.	2	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Indeterminate	5	
Chironomus sp.	1	
Cryptochironomus sp.	1	
Cryptotendipes sp.	1	
Demicryptochironomus sp.	1	
Pagastiella sp.	6	
Polypedilum sp.	2	
Pseudochironomus sp.	1	
Tanytarsus sp.	3	
Tribelos sp.	1	

DATE : June 22, 1994 12:52
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15926

REMARKS : Substrate: fine silt, cobble, large rocks

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella sp.		
ANNELIDA		
Oligochaeta		
Indeterminate	2	
ARTHROPODA		
Crustacea		
Amphipoda		
Gammaridae		
Gammarus sp.	1	
Insecta		
Ephemeroptera		
Baetidae		
Baetis sp.	1	
Trichoptera		
Leptoceridae		
Ceraclea sp.	1	
Coleoptera		
Elmidae		
Indeterminate	1	
Dubiraphia sp.	3	
Hydrophilidae		
Helophorus sp.	2	
Diptera		
Indeterminate	1	
Ceratopogonidae		
Indeterminate	32	
Chironomidae		
Indeterminate	71	
Tanypodinae		
Indeterminate	4	
Orthocladiinae		
Indeterminate	2	
Chironominae		
Indeterminate	1	
Constempellina sp.	1	
Cryptotendipes sp.	2	
Dicrotendipes sp.	1	
Pagastiella sp.	3	
Phaenopsectra sp.	8	
Polypedilum sp.	1	
Stempellina sp.	1	
Tanytarsus sp.	8	
Tribelos sp.	3	
Empididae		
Indeterminate	1	
Hemerodromia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	

DATE : June 22, 1994 13:31
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15927

REMARKS : Substrate: cobble, fine sand, pebbles, light organic debris

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella sp.		
Plumatellidae		
Plumatella sp.	1	
Lophopodidae		
Lophopodella sp.	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	4	
Heptageniidae		
Indeterminate	1	
Heptagenia sp.	1	
Leucrocuta sp.	1	
Stenonema sp.	1	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Leptoceridae		
Indeterminate	1	
Ceraclea sp.	2	
Oecetis sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Conchapelopia sp.	1	
Chironominae		
Chironomus sp.	1	
Cladotanytarsus sp.	5	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	5	
Endochironomus sp.	1	
Parachironomus sp.	7	
Phaenopsectra sp.	2	
Polypedilum sp.	2	
Stempellinella sp.	1	
Tanytarsus sp.	2	
Tribelos sp.	1	

DATE : June 22, 1994 13:52
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15928

REMARKS : Substrate: cobble, fine sand, pebbles, light organic debris

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Trichoptera		
Hydropsychidae		
Hydropsyche sp.	1	
Leptoceridae		
Indeterminate	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	8	
Dicrotendipes sp.	1	
Microtendipes sp.	1	
Parachironomus sp.	1	
Polypedilum sp.	1	
Tanytarsus sp.	3	
Zavrelia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 22, 1994 13:57
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15929

REMARKS : Substrate: cobble, fine sand, pebbles, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Insecta		
Trichoptera		
Limnephilidae		
Indeterminate	3	
Diptera		
Chironomidae		
Indeterminate	3	
Tanypodinae		
Indeterminate	3	
Ablabesmyia sp.	1	
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	4	
Dicrotendipes sp.	8	
Microtendipes sp.	2	
Paratanytarsus sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	1	
Sublettea sp.	2	
Tanytarsus sp.	7	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	2	

DATE : June 22, 1994 14:00
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15930

REMARKS : Substrate: sand, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	16	
ARTHROPODA		
Crustacea		
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	1	
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	2	
Trichoptera		
Hydropsychidae		
Indeterminate	2	
Leptoceridae		
Indeterminate	1	
Diptera		
Ceratopogonidae		
Indeterminate	4	
Chironomidae		
Indeterminate	58	
Tanypodinae		
Indeterminate	1	
Chironominae		
Indeterminate	3	
Asheum sp.	3	
Cladotanytarsus sp.	4	
Cryptotendipes sp.	4	
Demicryptochironomus sp.	2	
Dicrotendipes sp.	1	
Pagastiella sp.	1	
Paratendipes sp.	1	
Polypedilum sp.	2	
Stenochironomus sp.	1	
Sublettea sp.	3	
Tanytarsus sp.	14	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	
Pisidium sp.	1	
Unionidae		
Elliptio complanata	5	

DATE : June 22, 1994 14:10
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15931

REMARKS : Substrate: sand, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	12	
ARTHROPODA		
Arachnoidea		
Indeterminate	1	
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	1	
Insecta		
Ephemeroptera		
Ephemerellidae		
Ephemerella sp.	1	
Eurylophella sp.	2	
Heptageniidae		
Stenonema sp.	1	
Siphlonuridae		
Indeterminate	6	
Odonata		
Gomphidae		
Gomphus sp.	1	
Trichoptera		
Hydropsychidae		
Indeterminate	6	
Leptoceridae		
Ceraclea sp.	1	
Polycentropodidae		
Cyrnellus sp.	1	
Coleoptera		
Elmidae		
Cylloepus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Tanypodinae		
Indeterminate	2	
Conchapelopia sp.	1	
Chironominae		
Chironomus sp.	1	
Cladotanytarsus sp.	12	
Cryptochironomus sp.	1	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	3	
Parachironomus sp.	1	
Polypedilum sp.	4	
Tanytarsus sp.	9	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Unionidae		
Elliptio complanata	3	

DATE : June 22, 1994 14:15
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15932

REMARKS : Substrate: sand, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Ephemerellidae		
Attenella sp.	1	
Eurylophella sp.	4	
Heptageniidae		
Indeterminate	2	
Siphlonuridae		
Indeterminate	5	
Odonata		
Coenagrionidae		
Enallagma sp.	3	
Macromiidae		
Macromia sp.	2	
Trichoptera		
Indeterminate	4	
Hydropsychidae		
Indeterminate	12	
Hydropsyche sp.	2	
Leptoceridae		
Indeterminate	1	
Ceraclea sp.	1	
Nectopsyche sp.	1	
Polycentropodidae		
Cernotina sp.	2	
Cyrnellus sp.	4	
Diptera		
Chironomidae		
Indeterminate	59	
Tanypodinae		
Indeterminate	2	
Orthocladiinae		
Indeterminate	1	
Orthocladius sp.	1	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	16	
Dicrotendipes sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	5	
Tanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 21, 1994 18:24
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15933

REMARKS : Substrate: sand, silt, organic debris

Organisms	Number	Remarks
NEMATODA		
Indeterminate	1	
ANNELIDA		
Oligochaeta		
Indeterminate	42	
ARTHROPODA		
Insecta		
Ephemeroptera		
Siphlonuridae		
Indeterminate	2	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Polycentropodidae		
Indeterminate	2	
Diptera		
Ceratopogonidae		
Indeterminate	3	
Chironomidae		
Indeterminate	31	
Tanypodinae		
Procladius sp.	6	
Chironominae		
Indeterminate	3	
Chironomus sp.	5	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	4	
Cryptotendipes sp.	4	
Dicrotendipes sp.	3	
Harnischia sp.	1	
Polypedilum sp.	1	
Tanytarsus sp.	9	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Indeterminate		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	4	

DATE : June 21, 1994 18:33
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15934

REMARKS : Substrate: sand, silt, organic debris

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		
Lophopodidae		
Lophopodella sp.	1	
ANNELIDA		
Oligochaeta		
Indeterminate	17	
Tubificida		
Tubificidae		
Branchiura sp.	1	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella sp.	1	
Insecta		
Trichoptera		
Leptoceridae		
Ceraclea sp.	1	
Polycentropodidae		
Phylocentropus sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	5	
Chironomidae		
Indeterminate	28	
Tanypodinae		
Ablabesmyia sp.	1	
Procladius sp.	3	
Chironominae		
Indeterminate	2	
Asheum sp.	1	
Chironomus sp.	3	
Cryptochironomus sp.	2	
Cryptotendipes sp.	1	
Demicryptochironomus sp.	5	
Harnischia sp.	1	
Polypedilum sp.	3	
Pseudochironomus sp.	1	
Tanytarsus sp.	8	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	3	
Unionidae		
Indeterminate	1	

DATE : June 21, 1994 18:38
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15935

REMARKS : Substrate: sand, silt, organic debris

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Lophopodidae		
Lophopodella sp.	2	
ANNELIDA		
Oligochaeta		
Indeterminate	28	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Lirceus sp.	1	
Insecta		
Trichoptera		
Polycentropodidae		
Indeterminate	1	
Polycentropus sp.	1	
Coleoptera		
Elmidae		
Macronychus sp.	1	
Gyrinidae		
Indeterminate	1	
Diptera		
Ceratopogonidae		
Indeterminate	10	
Chironomidae		
Indeterminate	101	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	2	
Asheum sp.	1	
Chironomus sp.	13	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	6	
Cryptotendipes sp.	1	
Demicryptochironomus sp.	4	
Dicrotendipes sp.	6	
Harnischia sp.	2	
Pagastiella sp.	2	
Polypedilum sp.	2	
Pseudochironomus sp.	1	
Tanytarsus sp.	2	
Zavrelia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	11	
Unionidae		
Elliptio complanata	1	

DATE : June 21, 1994 18:46
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15936

REMARKS : Substrate: sand, silt, light cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	13	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	8	
Chironominae		
Indeterminate	2	
Chironomus sp.	1	
Cryptotendipes sp.	2	
Demicryptochironomus sp.	4	
Dicrotendipes sp.	7	
Harnischia sp.	1	
Parachironomus sp.	2	
Tanytarsus sp.	13	
MOLLUSCA		
Pelecypoda		
Indeterminate	1	

DATE : June 21, 1994 18:52
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15937

REMARKS : Substrate: sand, silt, light cobble, organic debris

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Lophopodidae		
Lophopodella sp.	1	
ANNELIDA		
Oligochaeta		
Indeterminate	14	
ARTHROPODA		
Insecta		
Ephemeroptera		
Siphlonuridae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	22	
Chironominae		
Indeterminate	1	
Cryptotendipes sp.	1	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	23	
Harnischia sp.	1	
Tanytarsus sp.	5	

DATE : June 21, 1994 19:00
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15938

REMARKS : Substrate: sand, silt, light cobble, organic debris

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Lophopodidae		
Lophopodella sp.	1	
ANNELIDA		
Oligochaeta		
Indeterminate	15	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	20	
Chironominae		
Indeterminate	2	
Chironomus sp.	1	
Cryptotendipes sp.	8	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	8	
Harnischia sp.	1	
Stempellinella sp.	1	
Tanytarsus sp.	11	
MOLLUSCA		
Pelecypoda		
Indeterminate	1	

DATE : June 21, 1994 19:14
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15939

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate		
ARTHROPODA		
Arachnoidea		
Acariformes		
Arrenuridae		
Indeterminate	1	
Crustacea		
Amphipoda		
Talitridae		
Hyalella sp.	3	
Ostracoda		
Indeterminate	2	
Insecta		
Ephemeroptera		
Indeterminate	1	
Caenidae		
Caenis sp.	10	
Ephemeridae		
Hexagenia limbata	1	
Siphlonuridae		
Indeterminate	1	
Odonata		
Macromiidae		
Macromia sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Leptoceridae		
Ceraclea sp.	1	
Leptocerus sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	19	
Bezzia sp.	11	
Chironomidae		
Indeterminate	4	
Tanypodinae		
Indeterminate	4	
Clinotanypus sp.	1	
Procladius sp.	2	
Orthocladiinae		
Indeterminate	2	
Orthocladius sp.	2	
Chironominae		
Indeterminate	4	
Asheum sp.	8	
Chironomus sp.	7	
Cryptotendipes sp.	7	
Dicrotendipes sp.	1	
Glyptotendipes sp.	12	
Harnischia sp.	1	
Pagastiella sp.	3	
Parachironomus sp.	1	
Polypedilum sp.	2	
Tanytarsus sp.	1	
Tribelos sp.	1	

(CONTINUED)

DATE : June 21, 1994 19:14
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15939

Organisms	Number	Remarks
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Indeterminate	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	10	

DATE : June 21, 1994 19:20
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15940

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Crustacea		
Cladocera		
Daphnidae		
Daphnia sp.	4	
Insecta		
Odonata		
Lestidae		
Indeterminate	1	
Trichoptera		
Polycentropodidae		
Indeterminate	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	17	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	2	
Chironomus sp.	1	
Cryptotendipes sp.	4	
Dicrotendipes sp.	4	
Glyptotendipes sp.	6	
Harnischia sp.	3	
Parachironomus sp.	1	
Polypedilum sp.	2	
Tanytarsus sp.	7	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	8	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 21, 1994 19:25
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15941

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	23	
Polychaeta		
Sabellida		
Sabellidae		
Indeterminate	1	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Crustacea		
Amphipoda		
Talitridae		
Hyalella sp.	1	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	2	
Ephemeridae		
Hexagenia sp.	2	
Siphlonuridae		
Siphlonurus sp.	2	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Indeterminate	1	
Hydroptilidae		
Hydroptilinae		
Agraylea sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	2	
Diptera		
Ceratopogonidae		
Bezzia sp.	4	
Mallochohella sp.	6	
Probezzia sp.	2	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Indeterminate	3	
Procladius sp.	1	
Orthocladiinae		
Orthocladius sp.	1	
Chironominae		
Indeterminate	47	
Cryptotendipes sp.	10	
Dicrotendipes sp.	3	
Glyptotendipes sp.	9	
Pagastiella sp.	2	
Parachironomus sp.	1	
Polypedilum sp.	1	
Zavrelia sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	9	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	

(CONTINUED)

DATE : June 21, 1994 19:25
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15941

Organisms	Number	Remarks
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 20, 1994 17:05
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15942

REMARKS : Substrate: clay, light cobble, organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
Phylactolaemata		
Cristatellidae		
Cristatella sp.		
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Siphlonuridae		
Indeterminate	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	6	
Chironominae		
Chironomus sp.	1	
Dicrotendipes sp.	8	
Harnischia sp.	1	
Pseudochironomus sp.	3	
Stenochironomus sp.	1	
Empididae		
Hemerodromia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 20, 1994 17:12
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15943

REMARKS : Substrate: clay, light cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	3	
Trichoptera		
Molannidae		
Molanna sp.	1	
Polycentropodidae		
Phylocentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	7	
Tanypodinae		
Rheopelopia sp.	2	
Orthocladiinae		
Psectrocladius sp.	1	
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	2	
Dicrotendipes sp	13	
Glyptotendipes sp.	2	
Harnischia sp.	2	
Microtendipes sp.	1	
Pseudochironomus sp.	1	
Tanytarsus sp.	1	

DATE : June 20, 1994 17:15
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15944

REMARKS : Substrate: clay, light cobble, organic debris

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	3	
Diptera		
Chironomidae		
Indeterminate	6	
Diamesinae		
Potthastia longimanus	1	
Chironominae		
Chironomus sp.	1	
Cryptochironomus sp.	2	
Dicrotendipes sp.	4	
Polypedilum sp.	1	
Tanytarsus sp.	1	
MOLLUSCA		
Pelecypoda		
Indeterminate	2	

DATE : June 20, 1994 17:32
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15945

REMARKS : Substrate: sand, light organic material

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Crustacea		
Cladocera		
Polyphemidae		
Indeterminate	2	
Isopoda		
Asellidae		
Caecidotea sp.	1	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Ephemerellidae		
Eurylophella sp.	5	
Trichoptera		
Leptoceridae		
Indeterminate	1	
Coleoptera		
Psephenidae		
Psephenus herricki	1	
Diptera		
Ceratopogonidae		
Culicoidinae		
Indeterminate	2	
Chironomidae		
Indeterminate	7	
Tanypodinae		
Procladius sp.	1	
Rheopelopia sp.	1	
Chironominae		
Indeterminate	6	
Chironomus sp.	1	
Cladotanytarsus sp.	1	
Dicrotendipes sp.	3	
Harnischia sp.	3	
Microtendipes sp.	2	
Paratendipes sp.	9	
Stictochironomus sp.	2	
Tanytarsus sp.	2	
Homoptera		
Aphididae		
Indeterminate	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	1	
Pisidium sp.	1	

DATE : June 20, 1994 17:38
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15946

REMARKS : Substrate: sand, light organic material

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Arachnoidea		
Indeterminate	1	
Insecta		
Diptera		
Ceratopogonidae		
Culicoidinae		
Indeterminate	1	
Chironomidae		
Indeterminate	9	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	3	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	1	
Cryptotendipes sp.	1	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	2	
Harnischia sp.	4	
Pagastiella sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	1	
Tanytarsus sp.	4	
Zavrelia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	2	

DATE : June 20, 1994 17:43
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15947

REMARKS : Substrate: sand, light organic material

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	25	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Culicoidinae		
Indeterminate	1	
Chironomidae		
Indeterminate	14	
Tanypodinae		
Procladius sp.	2	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	5	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	1	
Harnischia sp.	3	
Polypedilum sp.	7	
Tanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : June 20, 1994 17:53
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15948

REMARKS : Substrate: organic debris, fine silt

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	10	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Ceratopogonidae		
Culicoidinae		
Indeterminate	3	
Chironomidae		
Indeterminate	3	
Chironominae		
Chironomus sp.	1	
Cryptotendipes sp.	2	
Demicryptochironomus sp.	2	
Harnischia sp.	3	
Pagastiella sp.	1	
Polypedilum sp.	2	
Tanytarsus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	2	

DATE : June 20, 1994 17:59
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15949

REMARKS : Substrate: organic debris, fine silt

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	17	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	7	
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Diptera		
Ceratopogonidae		
Culicoidinae		
Indeterminate	2	
Chironomidae		
Indeterminate	6	
Tanypodinae		
Procladius sp.	3	
Rheopelopia sp.	1	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	2	
Demicryptochironomus sp.	3	
Dicrotendipes sp.	1	
Harnischia sp.	5	
Paralauterborniella sp.	1	
Pseudochironomus sp.	1	
Tanytarsus sp.	1	
Tribelos sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	3	

DATE : June 20, 1994 18:05
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 15950

REMARKS : Substrate: organic debris, fine silt

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	13	
Tubificida		
Tubificidae		
Indeterminate	3	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Indeterminate	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Indeterminate	2	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	1	
Demicryptochironomus sp.	1	
Polypedilum sp.	1	

DATE : June 27, 1994 11:40
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15963

REMARKS : Water temp.: 72.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 27, 1994 11:50
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15964

REMARKS : Water temp.: 71.3 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 27, 1994 12:03
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15965

REMARKS : Water temp.: 71.9 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 27, 1994 10:49
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15966

REMARKS : Water temp.: 71.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 27, 1994 11:05
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15967

REMARKS : Water temp.: 71.1 degrees f

No Zebra Mussels/Asiatic Clams found

DATE : June 27, 1994 11:18
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15968

REMARKS : Water temp.: 71.4 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 15:21
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15969

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 15:38
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15970

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 15:54
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15971

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 14:11
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15972

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 14:28
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 15973

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 14:43
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped. 100 liters
SAMPLE : 15974

No Zebra Mussels/Asiatic Clams found

DATE : June 21, 1994 11:00
LOCATION : Station 4
METHOD : Settlement Sampler, 14 days
SAMPLE : 15989

No Zebra Mussels/Asiatic Clams found

DATE : June 21, 1994 11:23
LOCATION : Station 5
METHOD : Settlement sampler, 14 days
SAMPLE : 15990

No Zebra Mussels/Asiatic Clams found

DATE : July 12, 1994 13:08
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16002

REMARKS : Temp.: 79.3 degrees F

No Zebra Mussels/Asiatic Clams fo nd

DATE : July 12, 1994 13:24
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16003

REMARKS : Temp.: 77.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 12, 1994 13:38
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16004

REMARKS : Temp.: 79.8 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 12, 1994 13:48
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16005

REMARKS : Temp.: 78.1 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 12, 1994 13:58
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16006

REMARKS : Temp.: 79.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 12, 1994 14:39
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16007

REMARKS : Temp.: 78.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 13:04
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16014

REMARKS : Temp.: 81.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 13:18
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16015

REMARKS : Temp.: 79.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 13:34
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16016

REMARKS : Temp.: 77.2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 11:50
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16017

REMARKS : Temp.: 76.0 degrees F

No Zebra Mussels/Asiatic Clams found

DATE	:	July 19, 1994 12:14
LOCATION	:	Station 5-Midstream
METHOD	:	Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE	:	16018
REMARKS	:	Temp.: 76.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 12:44
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16019

REMARKS : Temp.: 75.4 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : June 23, 1994 9:38
LOCATION : Station 4
METHOD : Settlement sampler, 26 days
SAMPLE : 16020

No Zebra Mussels/Asiatic Clams found

DATE : June 23, 1994 9:20
LOCATION : Station 5
METHOD : Settlement sampler, 26 days
SAMPLE : 16021

No Zebra Mussels/Asiatic Clams found

DATE : July 28, 1994 11:28
LOCATION : Station 4-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16033

REMARKS : Temp.: 82.6 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 28, 1994 11:46
LOCATION : Station 4-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped 100 liters
SAMPLE : 16034

REMARKS : Temp.: 78.9 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 28, 1994 12:05
LOCATION : Station 4-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16035

REMARKS : Temp.: 79.3 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 28, 1994 12:23
LOCATION : Station 5-Vermont
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16036

REMARKS : Temp.: 77.5 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 28, 1994 12:42
LOCATION : Station 5-Midstream
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16037

REMARKS : Temp.: 77.7 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 28, 1994 12:58
LOCATION : Station 5-New Hampshire
METHOD : Plankton net-bucket (60 micron) - Pumped, 100 liters
SAMPLE : 16038

REMARKS : Temp.: 77..2 degrees F

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 15:01
LOCATION : Station 4
METHOD : Settlement sampler, 28 days
SAMPLE : 16039

No Zebra Mussels/Asiatic Clams found

DATE : July 5, 1994 14:41
LOCATION : Station 5
METHOD : Settlement sampler, 28 days
SAMPLE : 16040

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 13:42
LOCATION : Station 4
METHOD : Settlement sampler, 27 days
SAMPLE : 16073

No Zebra Mussels/Asiatic Clams found

DATE : July 19, 1994 13:56
LOCATION : Station 5
METHOD : Settlement sampler, 27 days
SAMPLE : 16074

No Zebra Mussels/Asiatic Clams found

DATE : August 17, 1994 11:50
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16089

REMARKS : Clams, light sand material, light organic debris

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo	2	
ANNELIDA		
Oligochaeta		
Indeterminate	5	
Tubificida		
Tubificidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	3	
Trichoptera		
Molannidae		
Molanna sp.	1	
Polycentropodidae		
Polycentropus sp.	5	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Ablabesmyia sp.	1	
Orthocladiinae		
Indeterminate	1	
Cricotopus sp.	2	
Orthocladius sp.	2	
Chironominae		
Dicrotendipes sp.	1	
Tanytarsus sp.	2	

DATE : August 17, 1994 11:55
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16090

REMARKS : Calms, light sand material, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	9	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	3	
Caenidae		
Indeterminate	1	
Heptageniidae		
Stenonema sp.	14	
Trichoptera		
Indeterminate	1	
Polycentropodidae		
Polycentropus sp.	12	
Diptera		
Chironomidae		
Indeterminate	2	
Tanypodinae		
Indeterminate	1	
Ablabesmyia sp.	1	
Rheopelopia sp.	1	
Orthocladiinae		
Cricotopus sp.	2	
Orthocladius sp.	6	
Chironominae		
Cladotanytarsus sp.	1	
Dicrotendipes sp.	1	
Polypedilum sp.	1	
Tanytarsus sp.	5	
Tribelos sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	3	
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 12:00
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16091

REMARKS : Clams, light sand material, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Amphipoda		
Talitridae		
Hyalella azteca	2	
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	1	
Heptageniidae		
Stenonema sp.	8	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Leptoceridae		
Oecetis sp.	3	
Limnephilidae		
Pycnopsyche sp.	3	
Polycentropodidae		
Neureclipsis sp.	1	
Polycentropus sp.	4	
Diptera		
Chironomidae		
Indeterminate	6	
Tanypodinae		
Ablabesmyia sp.	2	
Rheopelopia sp.	2	
Orthocladiinae		
Cricotopus sp.	1	
Orthocladius sp.	5	
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	2	
Cryptotendipes sp.	1	
Dicrotendipes sp.	1	
Polypedilum sp.	2	
Tanytarsus sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	

DATE : August 17, 1994 12:15
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16092

REMARKS : Organic matter, clams, sand, cobble substrates

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	7	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	6	
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	2	
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	3	
Caenidae		
Caenis sp.	1	
Heptageniidae		
Stenonema sp.	8	
Tricorythidae		
Tricorythodes sp.	3	
Trichoptera		
Indeterminate	2	
Lepidostomatidae		
Indeterminate	1	
Leptoceridae		
Oecetis sp.	1	
Polycentropodidae		
Polycentropus sp.	11	
Diptera		
Chironomidae		
Indeterminate	33	
Tanypodinae		
Indeterminate	11	
Orthocladiinae		
Indeterminate	80	
Cricotopus sp.	5	
Orthocladius sp.	13	
Chironominae		
Indeterminate	26	
Dicrotendipes sp.	3	
Endochironomus sp.	1	
Polypedilum sp.	3	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	14	

DATE : August 17, 1994 12:20
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16093

REMARKS : Organic matter, clams, sand, cobble substrates

Organisms	Number	Remarks
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Heptageniidae		
Indeterminate	1	
Stenonema sp.	1	
Tricorythidae		
Tricorythodes sp.	2	
Trichoptera		
Polycentropodidae		
Polycentropus sp.	10	
Coleoptera		
Elmidae		
Indeterminate	1	
Psephenidae		
Psephenus sp.	1	
Diptera		
Chironomidae		
Indeterminate	110	
Tanypodinae		
Indeterminate	16	
Ablabesmyia sp.	1	
Orthocladiinae		
Indeterminate	250	
Cricotopus sp.	3	
Orthocladius sp.	19	
Chironominae		
Indeterminate	77	
Cryptotendipes sp.	1	
Dicrotendipes sp.	2	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	7	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 12:30
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16094

REMARKS : Organic matter, clams, sand, cobble substrates

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	2	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	2	
Heptageniidae		
Stenonema sp.	6	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Hydropsychidae		
Macrostemum sp.	1	
Leptoceridae		
Indeterminate	2	
Polycentropodidae		
Polycentropus sp.	7	
Diptera		
Chironomidae		
Indeterminate	30	
Tanypodinae		
Indeterminate	3	
Orthocladiinae		
Indeterminate	125	
Cricotopus sp.	5	
Orthocladius sp.	15	
Synorthocladius sp.	1	
Chironominae		
Indeterminate	31	
Cladotanytarsus sp.	1	
Dicrotendipes sp.	1	
Polypedilum sp.	6	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	4	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 12:50
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16095

REMARKS : Organic matter, cobble substrate

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	2	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	6	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Polycentropodidae		
Polycentropus sp.	5	
Diptera		
Chironomidae		
Indeterminate	6	
Tanypodinae		
Indeterminate	10	
Orthocladiinae		
Indeterminate	16	
Acricotopus sp.	1	
Cricotopus sp.	3	
Orthocladius sp.	9	
Parorthocladius sp.	1	
Chironominae		
Indeterminate	16	
Cladotanytarsus sp.	1	
Dicrotendipes sp.	3	
Polypedilum sp.	11	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Indeterminate	6	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	19	

DATE : August 17, 1994 13:00
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16096

REMARKS : Organic matter, cobble substrate

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Siphlonuridae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	2	
Hydroptilidae		
Hydroptilinae		
Agraylea sp.	1	
Leptoceridae		
Triaenodes sp.	1	
Limnephilidae		
Pycnopsyche sp.	1	
Polycentropodidae		
Polycentropus sp.	7	
Diptera		
Chironomidae		
Indeterminate	72	
Tanypodinae		
Rheopelopia sp.	1	
Orthocladiinae		
Indeterminate	4	
Acricotopus sp.	1	
Cricotopus sp.	7	
Orthocladius sp.	8	
Chironominae		
Cryptotendipes sp.	1	
Dicrotendipes sp.	1	
Polypedilum sp.	6	
Tanytarsus sp.	1	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	4	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	11	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 13:05
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16097

REMARKS : Organic matter, cobble substrate

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	1	
Siphlonuridae		
Indeterminate	1	
Trichoptera		
Leptoceridae		
Indeterminate	1	
Limnephilidae		
Pycnopsyche sp.	1	
Polycentropodidae		
Polycentropus sp.	5	
Diptera		
Chironomidae		
Indeterminate	252	
Tanypodinae		
Procladius sp.	1	
Rheopelopia sp.	1	
Orthocladiinae		
Indeterminate	1	
Cricotopus sp.	15	
Orthocladius sp.	6	
Chironominae		
Cryptotendipes sp.	1	
Dicrotendipes sp.	2	
Polypedilum sp.	3	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 14:10
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16098

REMARKS : Substrate cobble, sand, organic matter

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	6	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	2	
Hydropsyche sp.	1	
Macrostemum sp.	1	
Polycentropodidae		
Polycentropus sp.	2	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	2	
Ablabesmyia sp.	1	
Chironominae		
Cryptochironomus sp.	1	
Cryptotendipes sp.	1	
Dicrotendipes sp.	1	
Polypedilum sp.	1	
Tanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	

DATE : August 17, 1994 14:20
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16099

REMARKS : Substrate cobble, sand, organic matter

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	11	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Oecetis sp.	3	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	1	
Rheopelopia sp.	1	
Orthocladiinae		
Orthocladius sp.	1	
Chironominae		
Tanytarsus sp.	2	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 14:30
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16100

REMARKS : Substrate cobble, sand, organic matter

Organisms	Number	Remarks
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Heptageniidae		
Stenonema sp.	20	
Trichoptera		
Hydropsychidae		
Hydropsyche sp.	2	
Leptoceridae		
Oecetis sp.	4	
Diptera		
Chironomidae		
Indeterminate	3	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	1	
Tanytarsus sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	

DATE : August 17, 1994 14:45
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16101

REMARKS : Substrate sand, cobble, pebble, light organic material

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
Phylactolaemata		
Plumatellidae		
Hyalinella sp.		
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Daphnidae		
Daphnia sp.	95	
Insecta		
Odonata		
Libellulidae		
Indeterminate	2	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Macrostemum sp.	1	
Leptoceridae		
Indeterminate	2	
Polycentropodidae		
Polycentropus sp.	4	
Diptera		
Chironomidae		
Indeterminate	3	
Tanypodinae		
Indeterminate	1	
Chironominae		
Indeterminate	1	
Glyptotendipes sp.	2	
Parachironomus sp.	1	
Xenochironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 17, 1994 14:55
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16102

REMARKS : Substrate sand, cobble, pebble, light organic material

Organisms	Number	Remarks
BRYOZOA		
Phylactolaemata		
Plumatellidae		
Hyalinella sp.	2	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	71	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	6	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	2	
Macrostemum sp.	3	
Leptoceridae		
Ceraclea sp.	3	
Oecetis sp.	1	
Polycentropodidae		
Polycentropus sp.	6	
Diptera		
Chironomidae		
Chironominae		
Glyptotendipes sp.	1	
Polypedilum sp.	1	
Xenochironomus sp.	3	

DATE : August 17, 1994 15:05
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16103

REMARKS : Substrate sand, cobble, pebble, light organic material

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Hirudinea		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	38	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	8	
Odonata		
Libellulidae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	2	
Leptoceridae		
Ceraclea sp.	1	
Oecetis sp.	3	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Rheopelopia sp.	1	
Chironominae		
Parachironomus sp.	2	
Polypedilum sp.	1	
Tanytarsus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	5	

DATE : August 17, 1994 15:35
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16104

REMARKS : Heavy organic material, fine sand

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	3	
Oligochaeta		
Indeterminate	6	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	7	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Heptageniidae		
Stenonema sp.	1	
Tricorythidae		
Tricorythodes sp.	1	
Odonata		
Macromiidae		
Macromia sp.	1	
Trichoptera		
Leptoceridae		
Ceraclea sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	8	
Chironomidae		
Indeterminate	19	
Tanypodinae		
Ablabesmyia sp.	2	
Procladius sp.	1	
Prodiamesinae		
Monodiamesa sp.	2	
Chironominae		
Indeterminate	3	
Asheum sp.	1	
Demicryptochironomus sp.	4	
Pagastiella sp.	1	
Stictochironomus sp.	7	
Tanytarsus sp.	5	
Tribelos sp.	3	
Zavrelia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	
Unionidae		
Elliptio complanata	8	

DATE : August 17, 1994 15:48
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16105

REMARKS : Heavy organic material, fine sand

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Insecta		
Odonata		
Macromiidae		
Macromia sp.	1	
Trichoptera		
Indeterminate	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Ceratopogonidae		
Probezzia sp.	5	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Indeterminate	1	
Procladius sp.	2	
Prodiamesinae		
Monodiamesa sp.	3	
Orthocladiinae		
Orthocladius sp.	1	
Chironominae		
Indeterminate	4	
Cryptotendipes sp.	2	
Demicryptochironomus sp.	1	
Polypedilum sp.	4	
Tribelos sp.	5	
Zavrelia sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	
Unionidae		
Elliptio complanata	15	

DATE : August 17, 1994 15:56
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16106

REMARKS : Heavy organic material, fine sand

Organisms	Number	Remarks
NEMATODA		
Indeterminate	1	
ANNELIDA		
Hirudinea		
Indeterminate	4	
Oligochaeta		
Indeterminate	44	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	13	
Amphipoda		
Talitridae		
Hyalella azteca	3	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Trichoptera		
Leptoceridae		
Indeterminate	3	
Coleoptera		
Elmidae		
Dubiraphia sp.	3	
Diptera		
Ceratopogonidae		
Indeterminate	3	
Chironomidae		
Indeterminate	17	
Tanypodinae		
Indeterminate	1	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Indeterminate	2	
Cryptochironomus sp.	3	
Polypedilum sp.	3	
Stictochironomus sp.	6	
Tanytarsus sp.	6	
Tribelos sp.	7	
Zavrelia sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	3	
Pisidium sp.	1	
Unionidae		
Elliptio complanata	5	

DATE : August 16, 1994 13:50
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16107

REMARKS : Heavy organics, sand, silt

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	9	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Heptageniidae		
Stenonema sp.	2	
Odonata		
Gomphidae		
Erpetogomphus designatus	1	
Trichoptera		
Leptoceridae		
Nectopsyche sp.	2	
Coleoptera		
Elmidae		
Macronychus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	10	
Tanypodinae		
Rheopelopia sp.	1	
Prodiamesinae		
Monodiamesa sp.	5	
Chironominae		
Indeterminate	2	
Cryptochironomus sp.	2	
Demicryptochironomus sp.	1	
Endochironomus sp.	1	
Glyptotendipes sp.	1	
Paralauterborniella sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	2	
Pseudochironomus sp.	1	
Stenochironomus sp.	3	
Tribelos sp.	9	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Unionidae		
Elliptio complanata	1	

DATE : August 16, 1994 13:55
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16108

REMARKS : Heavy organics, sand, silt

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	12	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Amphipoda		
Talitridae		
Hyalella azteca	2	
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	22	
Prodiamesinae		
Monodiamesa sp.	3	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	3	
Phaenopsectra sp.	1	
Polypedilum sp.	6	
Pseudochironomus sp.	2	
Stenochironomus sp.	1	
Tanytarsus sp.	2	
Tribelos sp.	11	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	3	
Unionidae		
Elliptio complanata	1	

DATE : August 16, 1994 14:05
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16109

REMARKS : Heavy organics, sand, silt

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	11	
Tubificida		
Tubificidae		
Branchiura sowerbyi	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	5	
Trichoptera		
Hydroptilidae		
Neotrichia sp.	1	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	194	
Tanypodinae		
Ablabesmyia sp.	1	
Rheopelopia sp.	1	
Prodiamesinae		
Monodiamesa sp.	12	
Chironominae		
Cryptochironomus sp.	4	
Demicryptochironomus sp.	1	
Paralauterborniella sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	2	
Pseudochironomus sp.	3	
Stenochironomus sp.	2	
Tanytarsus sp.	1	
Tribelos sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : August 16, 1994 14:25
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16110

REMARKS : sand

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	56	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Indeterminate	1	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Cryptochironomus sp.	1	
Cryptotendipes sp.	1	
Polypedilum sp.	1	
Pseudochironomus sp.	2	
Tanytarsus sp.	6	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	

DATE : August 16, 1994 14:30
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16111

REMARKS : Sand

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	20	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Cladotanytarsus sp.	1	
Cryptochironomus sp.	3	
Demicryptochironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.		
Pisidium sp.	1	

DATE : August 16, 1994 14:40
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16112

REMARKS : Sand

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	41	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Diptera		
Chaoboridae		
Indeterminate	1	
Chironomidae		
Tanypodinae		
Procladius sp.	1	
Prodiamesinae		
Monodiamesa sp.	2	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Cladotanytarsus sp.	1	
Cryptochironomus sp.	2	
Demicryptochironomus sp.	1	
Pagastiella sp.	1	
Pseudochironomus sp.	2	
Tanytarsus sp.	4	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	
Unionidae		
Elliptio complanata	1	

DATE : August 16, 1994 14:55
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16113

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	12	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	3	
Ephemeridae		
Hexagenia sp.	6	
Odonata		
Gomphidae		
Indeterminate	2	
Diptera		
Ceratopogonidae		
Indeterminate	6	
Chironomidae		
Indeterminate	27	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Cladotanytarsus sp.	2	
Cryptochironomus sp.	3	
Cryptotendipes sp.	11	
Pagastiella sp.	1	
Polypedilum sp.	1	
Pseudochironomus sp.	6	
Tanytarsus sp.	5	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	5	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	26	

DATE : August 16, 1994 15:00
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16114

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	33	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	3	
Chironomidae		
Indeterminate	31	
Prodiamesinae		
Monodiamesa sp.	1	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Indeterminate	2	
Asheum sp.	1	
Cladotanytarsus sp.	5	
Cryptochironomus sp.	2	
Cryptotendipes sp.	6	
Demicryptochironomus sp.	3	
Pagastiella sp.	1	
Tanytarsus sp.	7	
Zavrelia sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	
Pisidium sp.	29	
Unionidae		
Elliptio complanata	1	

DATE : August 16, 1994 15:10
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16115

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	20	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	3	
Diptera		
Chironomidae		
Indeterminate	2	
Chironominae		
Indeterminate	2	
Asheum sp.	2	
Cryptochironomus sp.	1	
Cryptotendipes sp.	4	
Demicryptochironomus sp.	1	
Pagastiella sp.	4	
Polypedilum sp.	1	
Pseudochironomus sp.	3	
Stictochironomus sp.	1	
Tanytarsus sp.	10	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	33	
Pisidium sp.	1	

DATE : August 16, 1994 12:15
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16116

REMARKS : Substrate sand, silt, clay, cobble, organic material

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Heptageniidae		
Stenonema sp.	3	
Trichoptera		
Polycentropodidae		
Polycentropus sp.	3	
Diptera		
Ceratopogonidae		
Indeterminate	3	
Chaoboridae		
Chaoborus sp.	1	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Indeterminate	1	
Procladius sp.	4	
Chironominae		
Indeterminate	1	
Axarus sp.	2	
Cryptochironomus sp.	1	
Endochironomus sp.	1	
Glyptotendipes sp.	4	
Phaenopsectra sp.	1	
Stenochironomus sp.	1	
Tribelos sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	3	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	

DATE : August 16, 1994 12:20
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16117

REMARKS : Substrate sand, silt, clay, cobble, organic material

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Insecta		
Diptera		
Ceratopogonidae		
Indeterminate	5	
Chironomidae		
Tanypodinae		
Ablabesmyia sp.	2	
Chironominae		
Indeterminate	1	
Axarus sp.	1	
Glyptotendipes sp.	1	
Tanytarsus sp.	4	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	8	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	
Pisidium sp.	24	
Unionidae		
Elliptio complanata	1	

DATE : August 16, 1994 12:25
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16118

REMARKS : Substrate sand, silt, clay, cobble, organic material

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Crustacea		
Amphipoda		
Gammaridae		
Gammarus sp.	1	
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	2	
Trichoptera		
Polycentropodidae		
Phylocentropus sp.	2	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sp.	3	
Chironominae		
Indeterminate	3	
Axarus sp.	4	
Cryptochironomus sp.	3	
Paralauterborniella sp.	1	
Pseudochironomus sp.	2	
Tanytarsus sp.	2	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	

DATE : August 16, 1994 12:45
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16119

REMARKS : Substrate fine sand, silt, clay, little cobble, little organic matter

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Trichoptera		
Leptoceridae		
Nectopsyche sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	3	
Asheum sp.	1	
Chironomus sp.	3	
Cryptochironomus sp.	1	
Demicryptochironomus sp.	3	
Tanytarsus sp.	1	

DATE : August 16, 1994 12:55
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16120

REMARKS : Substrate fine sand, silt, clay, little cobble, little organic matter

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	2	
Insecta		
Ephemeroptera		
Polymitarcidae		
Ephoron sp.	1	
Trichoptera		
Leptoceridae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Natarsia sp.	1	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Asheum sp.	1	
Cryptochironomus sp.	1	
Phaenopsectra sp.	2	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	16	

DATE : August 16, 1994 13:00
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16121

REMARKS : Substrate fine sand, silt, clay, little cobble, little organic matter

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	11	
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Tanypodinae		
Natarsia sp.	1	
Chironominae		
Indeterminate	1	
Demicryptochironomus sp.	1	
Stictochironomus sp.	1	

DATE : August 16, 1994 13:15
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16122

REMARKS : Substrate sand, organic material

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	6	
ARTHROPODA		
Arachnoidea		
Acariformes		
Unionicolidae		
Neumania sp.	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	8	
Megaloptera		
Sialidae		
Sialis sp.	2	
Trichoptera		
Leptoceridae		
Nectopsyche sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Promoresia sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	18	
Tanypodinae		
Indeterminate	1	
Ablabesmyia sp.	1	
Coelotanypus sp.	3	
Procladius sp.	4	
Prodiamesinae		
Monodiamesa sp.	2	
Chironominae		
Asheum sp.	4	
Paralauterborniella sp.	1	
Pseudochironomus sp.	1	
Stictochironomus sp.	1	
Tanytarsus sp.	11	
Zavrelia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	
Pisidium sp.	6	

DATE : August 16, 1994 13:25
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16123

REMARKS : Substrate sand, organic material

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	10	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	10	
Trichoptera		
Leptoceridae		
Nectopsyche sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Ablabesmyia sp.	2	
Coelotanypus sp.	3	
Procladius sp.	7	
Prodiamesinae		
Monodiamesa sp.	3	
Chironominae		
Indeterminate	1	
Asheum sp.	1	
Stictochironomus sp.	1	
Tanytarsus sp.	2	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	9	

DATE : August 16, 1994 13:50
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16124

REMARKS : Substrate sand, organic material

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	4	
Trichoptera		
Leptoceridae		
Nectopsyche sp.	1	
Coleoptera		
Elmidae		
Microcylloepus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Ablabesmyia sp.	2	
Coelotanypus sp.	2	
Procladius sp.	6	
Prodiamesinae		
Monodiamesa sp.	3	
Chironominae		
Indeterminate	1	
Asheum sp.	3	
Parachironomus sp.	2	
Tribelos sp.	3	
Zavrelia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	8	
Unionidae		
Elliptio sp.	2	

DATE : August 16, 1994 15:30
LOCATION : Vermont Yankee Discharge to VY Stack-VT Shore
METHOD : Visual observation
SAMPLE : 16125

No Zebra Mussels/Asiatic Clams found

DATE : August 17, 1994 11:35
LOCATION : Station 2
METHOD : Cage sampler, 56 days
SAMPLE : 16126

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Tubificida		
Naididae		
Stylaria sp.	3	
ARTHROPODA		
Crustacea		
Amphipoda		
Gammaridae		
Crangonyx sp.	3	
Talitridae		
Hyalella azteca	9	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	3	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Heptageniidae		
Stenacron sp.	120	
Siphlonuridae		
Siphlonurus sp.	7	
Tricorythidae		
Tricorythodes sp.	1	
Odonata		
Aeschnidae		
Boyeria sp.	1	
Macromiidae		
Macromia sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	4	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	11	
Hydroptilidae		
Orthotrichiinae		
Orthotrichia sp.	2	
Leptoceridae		
Oecetis sp.	1	
Limnephilidae		
Pycnopsyche sp.	5	
Polycentropodidae		
Neureclipsis sp.	150	
Polycentropus sp.	9	
Diptera		
Chironomidae		
Indeterminate	146	
Tanypodinae		
Indeterminate	2	
Ablabesmyia sp.	1	
Orthocladiinae		
Indeterminate	1	
Cricotopus sp.	8	
Orthocladius sp.	4	
Xylotopus sp.	1	
Chironominae		
Indeterminate	3	
Dicrotendipes sp.	2	
Microtendipes sp.	2	
Polypedilum sp.	4	
Tanytarsus sp.	2	

DATE : August 17, 1994 16:50
LOCATION : Station 3
METHOD : Cage sampler, 56 days
SAMPLE : 16129

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	11	
BRYOZOA		
Indeterminate		moderate
ANNELIDA		
Hirudinea		
Indeterminate	2	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Crustacea		
Cladocera		
Indeterminate	279	
Sididae		
Sida crystallina	1	
Amphipoda		
Talitridae		
Hyalella azteca	17	
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	1	
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Heptageniidae		
Heptagenia sp.	3	
Stenacron sp.	2	
Stenonema sp.	2	
Odonata		
Coenagrionidae		
Enallagma sp.	3	
Gomphidae		
Gomphus sp.	1	
Macromiidae		
Macromia sp.	6	
Neuroptera		
Sisyridae		
Climacia sp.	1	
Trichoptera		
Leptoceridae		
Indeterminate	5	
Ceraclea sp.	2	
Oecetis sp.	14	
Triaenodes sp.	1	
Polycentropodidae		
Neureclipsis sp.	7	
Polycentropus sp.	2	
Diptera		
Chironomidae		
Indeterminate	111	
Tanypodinae		
Indeterminate	3	
Orthocladiinae		
Indeterminate	2	
Acricotopus sp.	1	
Cricotopus sp.	2	
Orthocladius sp.	4	
Chironominae		
Indeterminate	3	

(CONTINUED)

DATE : August 17, 1994 16:50
LOCATION : Station 3
METHOD : Cage sampler, 56 days
SAMPLE : 16129

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Cladotanytarsus sp.	7	
Dicrotendipes sp.	4	
Endochironomus sp.	3	
Polypedilum sp.	6	
Tanytarsus sp.	9	
Xenochironomus sp.	2	
MOLLUSCA		
Gastropoda		
Basommatophora		
Ancylidae		
Ferrissia sp.	1	
Ferrissia fragilis	4	
Physidae		
Physa sp.	1	
Planorbidae		
Helisoma sp.	1	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	32	

DATE : August 15, 1994 15:35
LOCATION : Station 4
METHOD : Cage sampler, 55 days
SAMPLE : 16130

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	8	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	4	
Dugesia tigrina	5	
ANNELIDA		
Oligochaeta		
Tubificida		
Tubificidae		
Indeterminate	55	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	2	
Crustacea		
Cyclopoida		
Indeterminate	1	
Amphipoda		
Talitridae		
Hyalella azteca	4	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	5	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	5	
Heptageniidae		
Heptagenia sp.	41	
Stenacron sp.	1	
Odonata		
Aeschnidae		
Boyeria sp.	1	
Coenagrionidae		
Enallagma sp.	2	
Macromiidae		
Macromia sp.	1	
Trichoptera		
Polycentropodidae		
Polycentropus sp.	9	
Coleoptera		
Hydrophilidae		
Berosus sp.	1	
Diptera		
Chironomidae		
Indeterminate	51	
Tanypodinae		
Ablabesmyia sp.	4	
Procladius sp.	1	
Orthocladiinae		
Indeterminate	1	
Acricotopus sp.	2	
Chironominae		
Cladotanytarsus sp.	3	
Cryptochironomus sp.	2	
Endochironomus sp.	4	
Phaenopsectra sp.	2	

(CONTINUED)

DATE : August 15, 1994 15:35
LOCATION : Station 4
METHOD : Cage sampler, 55 days
SAMPLE : 16130

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Polypedilum sp.	4	
Tanytarsus sp.	7	
MOLLUSCA		
Gastropoda		
Basommatophora		
Ancylidae		
Ferrissia fragilis	4	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	

DATE : August 15, 1994 14:50
LOCATION : Station 5
METHOD : Cage sampler, 55 days
SAMPLE : 16132

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	2	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	2	
ANNELIDA		
Oligochaeta		
Tubificida		
Naididae		
Stylaria sp.	9	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	5	
Crustacea		
Cyclopoida		
Indeterminate	2	
Isopoda		
Asellidae		
Caecidotea sp.	1	
Amphipoda		
Talitridae		
Hyalella azteca	1	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	2	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	2	
Heptageniidae		
Stenacron sp.	8	
Stenonema sp.	2	
Siphlonuridae		
Siphlonurus sp.	2	
Odonata		
Aeschnidae		
Boyeria sp.	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	3	
Polycentropodidae		
Polycentropus sp.	56	
Diptera		
Chironomidae		
Indeterminate	107	
Tanypodinae		
Ablabesmyia sp.	2	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Indeterminate	2	
Asheum sp.	1	
Dicrotendipes sp.	1	
Endochironomus sp.	7	
Glyptotendipes sp.	6	
Parachironomus sp.	2	
Polypedilum sp.	5	

(CONTINUED)

DATE : August 15, 1994 14:50
LOCATION : Station 5
METHOD : Cage sampler, 55 days
SAMPLE : 16132

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Pseudochironomus sp.	1	
Tanytarsus sp.	2	
MOLLUSCA		
Gastropoda		
Basommatophora		
Ancylidae		
Ferrissia sp.	1	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	8	

DATE : October 12, 1994 10:05
LOCATION : Station 2
METHOD : Cage sampler, 56 days
SAMPLE : 16140

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	1	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata	1	
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		
ANNELIDA		
Hirudinea		
Indeterminate	41	
Oligochaeta		
Indeterminate	20	
Tubificida		
Tubificidae		
Branchiura sowerbyi	2	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	20	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	3	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Heptageniidae		
Stenonema sp.	76	
Odonata		
Aeschnidae		
Boyeria sp.	1	
Aeshnidae		
Indeterminate	5	
Coenagrionidae		
Enallagma sp.	5	
Megaloptera		
Sialidae		
Sialis sp.	9	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	7	
Hydropsyche sp.	2	
Hydroptilidae		
Hydroptilinae		
Hydroptila sp.	6	
Leptoceridae		
Indeterminate	1	
Oecetis sp.	15	
Triaenodes sp.	10	
Limnephilidae		
Pycnopsyche sp.	11	
Polycentropodidae		
Neureclipsis sp.	99	
Polycentropus sp.	108	

(CONTINUED)

DATE : October 12, 1994 10:05
LOCATION : Station 2
METHOD : Cage sampler, 56 days
SAMPLE : 16140

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Coleoptera		
Elmidae		
Dubiraphia sp.	2	
Stenelmis sp.	1	
Diptera		
Indeterminate	1	
Ceratopogonidae		
Indeterminate	62	
Chironomidae		
Indeterminate	35	
Tanypodinae		
Indeterminate	1	
Ablabesmyia sp.	8	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	1	
Dicrotendipes sp.	2	
Microtendipes sp.	9	
Pagastiella sp.	1	
Polypedilum sp.	4	
Pseudochironomus sp.	1	
Tanytarsus sp.	2	
Empididae		
Hemerodromia sp.	1	
Tabanidae		
Indeterminate	2	
Homoptera		
Aphididae		
Indeterminate	2	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	15	
Planorbidae		
Planorbella sp.	1	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	

DATE : October 12, 1994 12:55
LOCATION : Station 3
METHOD : Cage sampler, 56 days
SAMPLE : 16142

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	119	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	8	
BRYOZOA		
Indeterminate		heavy
ARTHROPODA		
Crustacea		
Amphipoda		
Gammaridae		
Crangonyx sp.	1	
Talitridae		
Hyalella azteca	11	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	1	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	2	
Ephemerellidae		
Eurylophella sp.	2	
Heptageniidae		
Stenacron sp.	10	
Stenonema sp.	3	
Odonata		
Coenagrionidae		
Enallagma sp.	14	
Macromiidae		
Macromia sp.	10	
Megaloptera		
Corydalidae		
Chauliodes sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Hydroptilidae		
Hydroptilinae		
Hydroptila sp.	1	
Orthotrichiinae		
Orthotrichia sp.	1	
Leptoceridae		
Oecetis sp.	11	
Triaenodes sp.	11	
Polycentropodidae		
Neureclipsis sp.	4	
Polycentropus sp.	38	
Diptera		
Chironomidae		
Indeterminate	84	
Orthocladiinae		
Indeterminate	1	
Xylotopus sp.	1	
Chironominae		
Indeterminate	7	
Dicrotendipes sp.	7	
Endochironomus sp.	1	

(CONTINUED)

DATE : October 12, 1994 12:55
LOCATION : Station 3
METHOD : Cage sampler, 56 days
SAMPLE : 16142

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Pagastiella sp.	1	
Parachironomus sp.	6	
Polypedilum sp.	1	
Pseudochironomus sp.	1	
Tanytarsus sp.	3	
Xenochironomus sp.	1	
MOLLUSCA		
Gastropoda		
Basommatophora		
Ancylidae		
Ferrissia fragilis	20	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	15	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	4	

DATE : October 11, 1994 13:30
LOCATION : Station 4
METHOD : Cage sampler, 57 days
SAMPLE : 16143

Organisms	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	33	
ANNELIDA		
Hirudinea		
Indeterminate	3	
Oligochaeta		
Indeterminate	77	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	13	
Crustacea		
Amphipoda		
Gammaridae		
Gammarus sp.	2	
Talitridae		
Hyalella azteca	130	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	56	
Ephemeridae		
Hexagenia sp.	2	
Heptageniidae		
Heptagenia sp.	1	
Stenacron sp.	15	
Stenonema sp.	10	
Odonata		
Coenagrionidae		
Enallagma sp.	47	
Libellulidae		
Indeterminate	1	
Macromiidae		
Macromia sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	2	
Trichoptera		
Hydroptilidae		
Hydroptilinae		
Hydroptila sp.	83	
Oxyethira sp.	2	
Orthotrichiinae		
Orthotrichia sp.	215	
Leptoceridae		
Indeterminate	6	
Nectopsyche sp.	30	
Triaenodes sp.	17	
Polycentropodidae		
Polycentropus sp.	355	
Coleoptera		
Elmidae		
Macronychus sp.	3	
Diptera		
Ceratopogonidae		
Indeterminate	17	
Chironomidae		
Indeterminate	513	
Tanypodinae		
Procladius sp.	3	

(CONTINUED)

DATE : October 11, 1994 13:30
LOCATION : Station 4
METHOD : Cage sampler, 57 days
SAMPLE : 16143

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Chironomus sp.	1	
Dicrotendipes sp.	7	
Polypedilum sp.	6	
Pseudochironomus sp.	6	
Tribelos sp.	6	
Homoptera		
Aphididae		
Indeterminate	1	
MOLLUSCA		
Gastropoda		
Indeterminate	10	
Basommatophora		
Ancylidae		
Ferrissia parallelus	297	
Physidae		
Physa sp.	6	
Planorbidae		
Indeterminate	139	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	19	
Pelecypoda		
Indeterminate	12	

DATE : October 11, 1994 15:15
LOCATION : Station 5
METHOD : Cage sampler, 57 days
SAMPLE : 16146

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	2	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	18	
BRYOZOA		
Indeterminate		light
ANNELIDA		
Oligochaeta		
Tubificida		
Naididae		
Stylaria sp.	8	
Tubificidae		
Indeterminate	13	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	5	
Crustacea		
Cladocera		
Sididae		
Sida crystallina	1	
Cyclopoida		
Indeterminate	1	
Isopoda		
Asellidae		
Caecidotea sp.	3	
Amphipoda		
Gammaridae		
Crangonyx sp.	1	
Talitridae		
Hyalella azteca	2	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	2	
Insecta		
Ephemeroptera		
Baetidae		
Baetis sp.	1	
Caenidae		
Caenis sp.	4	
Heptageniidae		
Heptagenia sp.	5	
Stenacron sp.	102	
Odonata		
Coenagrionidae		
Enallagma sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	4	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	3	
Hydroptilidae		
Hydroptilinae		
Hydroptila sp.	42	
Oxyethira sp.	2	

(CONTINUED)

DATE : October 11, 1994 15:15
LOCATION : Station 5
METHOD : Cage sampler, 57 days
SAMPLE : 16146

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Trichoptera		
Hydroptilidae		
Orthotrichiinae		
Orthotrichia sp.	14	
Leptoceridae		
Mystacides sp.	4	
Triaenodes sp.	2	
Polycentropodidae		
Polycentropus sp.	120	
Coleoptera		
Gyrinidae		
Dineutes sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	3	
Probezzia sp.	7	
Chironomidae		
Indeterminate	200	
Tanypodinae		
Indeterminate	1	
Ablabesmyia sp.	1	
Natarsia sp.	1	
Procladius sp.	1	
Chironominae		
Indeterminate	2	
Asheum sp.	1	
Cryptochironomus sp.	1	
Dicrotendipes sp.	7	
Endochironomus sp.	2	
Glyptotendipes sp.	3	
Microtendipes sp.	2	
Nilothauma sp.	1	
Parachironomus sp.	1	
Polypedilum sp.	3	
Tanytarsus sp.	2	
Tribelos sp.	1	
Empididae		
Indeterminate	1	
Hemiptera		
Indeterminate	11	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	13	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	28	

DATE : September 15, 1994 13:10
LOCATION : Station 3-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16189

REMARKS : Substrate: bedrock, cobble, sand, silt, some organic material.

No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 13:20
LOCATION : Station 3-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16190

REMARKS : Substrate: bedrock, cobble, sand, silt, some organic material.

No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 13:30
LOCATION : Station 3-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16191

REMARKS : Substrate: bedrock, cobble, sand, silt, some organic material.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 13:45
LOCATION	:	Station 3-New Hampshire
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16192
REMARKS	:	Substrate: bedrock, cobble, sand, some organic material.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 13:55
LOCATION	:	Station 3-New Hampshire
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16193
REMARKS	:	Substrate: bedrock, cobble, sand, some organic material.

No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 14:05
LOCATION : Station 3-New Hampshire
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16194

REMARKS : Substrate: bedrock, cobble, sand, some organic material.

No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 11:05
LOCATION : Station 4-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16195

REMARKS : Substrate: sand, silt, organic material.

No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 11:15
LOCATION : Station 4-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16196

REMARKS : Substrate: sand, silt, organic material.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 11:25
LOCATION	:	Station 4-Vermont
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16197
REMARKS	:	Substrate: sand, silt, organic material.
		No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 11:30
LOCATION	:	Station 4-Midstream
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16198
REMARKS	:	Substrate: sand, silt, organic material, some cobble.
		No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 11:40
LOCATION : Station 4-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16199

REMARKS : Substrate: sand, silt, organic material, some cobble.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 11:50
LOCATION	:	Station 4-Midstream
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16200
REMARKS	:	Substrate: sand, silt, organic material, some cobble.
		No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 9:55
LOCATION : Station 5-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16201

REMARKS : Substrate: silt, sand, cobble, clay, organic material.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 10:05
LOCATION	:	Station 5-Vermont
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16202
REMARKS	:	Substrate: silt, sand, cobble, clay, organic material.
		No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 10:15
LOCATION : Station 5-Vermont
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16203

REMARKS : Substrate: silt, sand, cobble, clay, organic material.

No Zebra Mussels/Asiatic Clams found

DATE : September 15, 1994 10:30
LOCATION : Station 5-Midstream
METHOD : Petersen grab sampler, 1 haul
SAMPLE : 16204

REMARKS : Substrate: sand, organic material, silt, clay.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 10:40
LOCATION	:	Station 5-Midstream
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16205
REMARKS	:	Substrate: sand, organic material, silt, clay. 2 - 32 oz jars.

No Zebra Mussels/Asiatic Clams found

DATE	:	September 15, 1994 10:50
LOCATION	:	Station 5-Midstream
METHOD	:	Petersen grab sampler, 1 haul
SAMPLE	:	16206
REMARKS	:	Substrate: sand, organic material, silt, clay.
		No Zebra Mussels/Asiatic Clams found

DATE : October 26, 1994 12:25
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16321

REMARKS : 1 16 oz jar. Substrate: silt, fine sand, organic matter, cobble

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	2	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Heptageniidae		
Stenonema sp.	2	
Odonata		
Corduliidae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Hydropsyche sp.	1	
Leptoceridae		
Oecetis sp.	12	
Triaenodes sp.	1	
Polycentropodidae		
Neureclipsis sp.	2	
Polycentropus sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Optioservus sp.	1	
Diptera		
Chironomidae		
Indeterminate	1	
Chironominae		
Cladotanytarsus sp.	3	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	2	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	

DATE : October 26, 1994 13:00
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16322

REMARKS : 1 16 oz jar. Substrate: silt, fine sand, organic matter, cobble

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Decapoda		
Cambaridae		
Cambarinae		
Orconectes sp.	1	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	4	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Oecetis sp.	2	
Polycentropodidae		
Neureclipsis sp.	2	
Polycentropus sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	1	
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	6	
Dicrotendipes sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : October 26, 1994 13:05
LOCATION : Station 2-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16323

REMARKS : 1 16 oz jar. Substrate: silt, fine sand, organic matter, cobble

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	4	
Odonata		
Gomphidae		
Indeterminate	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	6	
Polycentropodidae		
Polycentropus sp.	3	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	1	
Chironominae		
Cladotanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Unionidae		
Elliptio complanata	1	

DATE : October 26, 1994 13:15
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16324

REMARKS : 1 16 oz jar. Substrate: fine silt, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	16	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Oecetis sp.	6	
Limnephilidae		
Pycnopsyche sp.	1	
Polycentropodidae		
Neureclipsis sp.	1	
Polycentropus sp.	7	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	1	
Ablabesmyia sp.	1	
Orthocladiinae		
Indeterminate	2	
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	5	
Polypedilum sp.	1	
Tanytarsus sp.	1	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	2	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	3	

DATE : October 26, 1994 13:20
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16325

REMARKS : 1 16 oz jar. Substrate: fine silt, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	17	
Trichoptera		
Hydropsychidae		
Hydropsyche sp.	1	
Leptoceridae		
Oecetis sp.	5	
Limnephilidae		
Pycnopsyche sp.	2	
Polycentropodidae		
Phylocentropus sp.	1	
Polycentropus sp.	11	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	2	
Rheopelopia sp.	1	
Chironominae		
Cladotanytarsus sp.	1	
Dicrotendipes sp.	3	
Tanytarsus sp.	1	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	1	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	5	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	3	

DATE : October 26, 1994 13:30
LOCATION : Station 2-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16326

REMARKS : 1 16 oz jar. Substrate: fine silt, cobble, organic debris

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	9	
Odonata		
Gomphidae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Hydropsyche sp.	1	
Leptoceridae		
Nectopsyche sp.	1	
Oecetis sp.	3	
Limnephilidae		
Pycnopsyche sp.	1	
Polycentropodidae		
Polycentropus sp.	5	
Diptera		
Chironomidae		
Orthocladiinae		
Orthocladius sp.	1	
Chironominae		
Polypedilum sp.	1	
Pseudochironomus sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : October 26, 1994 13:45
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16327

REMARKS : 1 16 oz jar. Substrate: bedrock, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Plecoptera		
Taeniopterygidae		
Taeniopteryx sp.	1	
Ephemeroptera		
Heptageniidae		
Stenonema sp.	4	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Limnephilidae		
Pycnopsyche sp.	1	
Polycentropodidae		
Polycentropus sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Orthocladiinae		
Orthocladius sp.	2	
Chironominae		
Cladotanytarsus sp.	16	
Dicrotendipes sp.	1	
Polypedilum sp.	1	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	13	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	25	

DATE : October 26, 1994 13:55
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16328

REMARKS : 1 16 oz jar. Substrate: bedrock, cobble, organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	9	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	2	
Trichoptera		
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Chironomidae		
Orthocladiinae		
Cricotopus sp.	1	
Chironominae		
Cladotanytarsus sp.	4	
Polypedilum sp.	1	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	13	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	6	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	4	

DATE : October 26, 1994 14:05
LOCATION : Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16329

REMARKS : 1 16 oz jar. Substrate: bedrock, cobble, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	2	
Insecta		
Plecoptera		
Taeniopterygidae		
Taeniopteryx sp.	1	
Ephemeroptera		
Heptageniidae		
Stenonema sp.	2	
Trichoptera		
Hydropsychidae		
Hydropsyche sp.	1	
Leptoceridae		
Oecetis sp.	4	
Polycentropodidae		
Neureclipsis sp.	1	
Polycentropus sp.	3	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	24	
Phaenopsectra sp.	1	
Polypedilum sp.	3	
MOLLUSCA		
Gastropoda		
Basommatophora		
Ancylidae		
Ferrissia sp.	1	
Physidae		
Physa sp.	13	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	3	

DATE : October 26, 1994 15:05
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16330

REMARKS : 1 16 oz jar. Substrate: bedrock, fine sand, fine silt, organic debris, cobble

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Hirudinea		
Indeterminate	3	
Oligochaeta		
Indeterminate	16	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Nectopsyche sp.	2	
Oecetis sp.	2	
Polycentropodidae		
Neureclipsis sp.	1	
Polycentropus sp.	1	
Coleoptera		
Elmidae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	1	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Cladotanytarsus sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	1	

DATE : October 26, 1994 15:10
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16331

REMARKS : 1 16 oz jar. Substrate: bedrock, fine sand, fine silt, organic debris, cobble

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	2	
BRYOZOA		
Indeterminate		
ANNELIDA		
Hirudinea		
Indeterminate	2	
Oligochaeta		
Indeterminate	34	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	2	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	4	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	4	
Leptoceridae		
Indeterminate	41	
Polycentropodidae		
Neureclipsis sp.	5	
Polycentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	17	
Orthocladiinae		
Indeterminate	3	
Orthocladius sp.	3	
Chironominae		
Indeterminate	4	
Cladotanytarsus sp.	2	
Cryptochironomus sp.	1	
Dicrotendipes sp.	1	
Pagastiella sp.	3	
Parachironomus sp.	4	
Polypedilum sp.	2	
Tanytarsus sp.	3	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	3	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	3	

DATE : October 26, 1994 15:15
LOCATION : Station 3-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16332

REMARKS : 1 16 oz jar. Substrate: bedrock, fine sand, fine silt, organic debris, cobble

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Trichoptera		
Polycentropodidae		
Neureclipsis sp.	1	
Diptera		
Chironomidae		
Indeterminate	47	
Orthocladiinae		
Indeterminate	7	
Orthocladius sp.	3	
Chironominae		
Cladotanytarsus sp.	2	
Cryptochironomus sp.	1	
Dicrotendipes sp.	3	
Pagastiella sp.	1	
Parachironomus sp.	1	
Polypedilum sp.	1	
Tanytarsus sp.	9	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	1	
Planorbidae		
Planorbella sp.	1	
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	
Unionidae		
Elliptio complanata	5	

DATE : October 26, 1994 15:25
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16333

REMARKS : 1 16 oz jar. Substrate: bedrock, sand, light organic material

Organisms	Number	Remarks
ARTHROPODA		
Insecta		
Trichoptera		
Leptoceridae		
Ceraclea sp.	2	
Oecetis sp.	1	
Diptera		
Chironomidae		
Chironominae		
Cladotanytarsus sp.	3	

DATE : October 26, 1994 15:30
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16334

REMARKS : 1 16 oz jar. Substrate: bedrock, sand, light organic material

Organisms	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroida		
Hydridae		
Hydra sp.	1	
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Trichoptera		
Leptoceridae		
Ceraclea sp.	5	
Oecetis sp.	12	
Triaenodes sp.	1	
Polycentropodidae		
Neureclipsis sp.	3	
Diptera		
Chironomidae		
Indeterminate	1	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	16	
Parachironomus sp.	3	
Polypedilum sp.	1	
Tanytarsus sp.	1	
Xenochironomus sp.	5	
MOLLUSCA		
Gastropoda		
Basommatophora		
Physidae		
Physa sp.	1	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	2	

DATE : October 26, 1994 15:35
LOCATION : Station 3-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16335

REMARKS : 1 16 oz jar. Substrate: bedrock, sand, light organic material

Organisms	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella sp.	2	
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		
ANNELIDA		
Hirudinea		
Indeterminate	2	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Ceraclea sp.	12	
Oecetis sp.	9	
Polycentropodidae		
Neureclipsis sp.	2	
Polycentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	7	
Orthocladiinae		
Indeterminate	1	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	17	
Parachironomus sp.	4	
Xenochironomus sp.	7	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	2	

DATE : October 26, 1994 16:00
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16336

REMARKS : 3 32 oz jars. Substrate: sand, fine sand, pebbles, organic debris

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	2	
Oligochaeta		
Indeterminate	23	
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Indeterminate	75	
Tanypodinae		
Procladius sp.	2	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	4	
Polypedilum sp.	22	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	3	

DATE : October 26, 1994 16:10
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16337

REMARKS : 1 32 oz jar. Substrate: sand, fine sand, pebbles, organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	39	
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Indeterminate	30	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	3	
Polypedilum sp.	24	
Tribelos sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	2	

DATE : October 26, 1994 16:20
LOCATION : Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16338

REMARKS : Substrate: sand, fine sand, pebbles, organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	27	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Indeterminate	1	
Chironominae		
Indeterminate	4	
Cryptochironomus sp.	3	
Polypedilum sp.	19	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	
Sphaerium sp.	1	

DATE : October 26, 1994 13:30
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16339

REMARKS : 1 32 oz jar. Substrate: organic debris, silt, sand

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Oligochaeta		
Indeterminate	29	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Trichoptera		
Limnephilidae		
Pycnopsyche sp.	1	
Molannidae		
Molanna sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	5	
Chironomidae		
Indeterminate	19	
Prodiamesinae		
Monodiamesa sp.	2	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	4	
Demicryptochironomus sp.	2	
Pagastiella sp.	1	
Polypedilum sp.	16	
Pseudochironomus sp.	1	
Stenochironomus sp.	1	
Tanytarsus sp.	1	
Tribelos sp.	1	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	
Sphaerium sp.	1	

DATE : October 26, 1994 10:35
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16340

REMARKS : 1 32 oz jar. Substrate: organic debris, silt, sand

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	24	
ARTHROPODA		
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Triaenodes sp.	18	
Polycentropodidae		
Phylocentropus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	6	
Chironomidae		
Indeterminate	15	
Prodiamesinae		
Monodiamesa sp.	3	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	5	
Demicryptochironomus sp.	3	
Paratendipes sp.	2	
Polypedilum sp.	21	
Pseudochironomus sp.	2	
Stictochironomus sp.	1	
Tribelos sp.	4	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	5	
Pisidium sp.	9	
Unionidae		
Elliptio complanata	1	

DATE : October 26, 1994 10:40
LOCATION : Station 4-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16341

REMARKS : 4 32 oz jars. Substrate: organic debris, silt, sand

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	7	
Oligochaeta		
Indeterminate	7	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	6	
Amphipoda		
Gammaridae		
Gammarus sp.	2	
Talitridae		
Hyalella azteca	10	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	2	
Heptageniidae		
Stenonema sp.	1	
Trichoptera		
Limnephilidae		
Pycnopsyche sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	42	
Orthocladiinae		
Indeterminate	2	
Chironominae		
Indeterminate	4	
Cryptochironomus sp.	1	
Demicryptochironomus sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	9	
Stenochironomus sp.	1	
Tanytarsus sp.	1	
Tribelos sp.	10	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	

DATE : October 26, 1994 10:45
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16342

REMARKS : 1 16 oz jar. Substrate: fine silt, sand, light organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Oligochaeta		
Indeterminate	198	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Crustacea		
Cladocera		
Indeterminate	1	
Ostracoda		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	5	
Trichoptera		
Leptoceridae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	64	
Orthocladiinae		
Indeterminate	2	
Chironominae		
Indeterminate	2	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	3	
Demicryptochironomus sp.	1	
Dicrotendipes sp.	12	
Pagastiella sp.	2	
Pseudochironomus sp.	2	
Tanytarsus sp.	5	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	6	

DATE : October 26, 1994 10:50
LOCATION : Station 4-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16343

REMARKS : 1 16 oz jar. Substrate: fine silt, sand, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	81	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	5	
Trichoptera		
Leptoceridae		
Nectopsyche sp.	10	
Diptera		
Chironomidae		
Indeterminate	3	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	4	
Demicryptochironomus sp.	5	
Dicrotendipes sp.	3	
Pseudochironomus sp.	7	
Stictochironomus sp.	1	
Tanytarsus sp.	3	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Unionidae		
Elliptio complanata	2	

DATE	:	October 26, 1994 10:55
LOCATION	:	Station 4-Midstream
METHOD	:	Ekman dredge (9 inch), 3 hauls
SAMPLE	:	16344
REMARKS	:	1 16 oz jar. Substrate: fine silt, sand light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	118	
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Diptera		
Chironomidae		
Indeterminate	12	
Tanypodinae		
Procladius sp.	1	
Prodiamesinae		
Monodiamesa sp.	2	
Chironominae		
Indeterminate	1	
Cladotanytarsus sp.	1	
Cryptochironomus sp.	5	
Dicrotendipes sp.	1	
Phaenopsectra sp.	1	
Polypedilum sp.	2	
Pseudochironomus sp.	10	
Tanytarsus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	3	

DATE : October 26, 1994
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16345

REMARKS : 1 16 oz jar. Substrate: sand, silt, clay, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	35	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Ephemeridae		
Hexagenia sp.	10	
Odonata		
Coenagrionidae		
Enallagma sp.	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	6	
Diptera		
Chironomidae		
Indeterminate	2	
Orthocladiinae		
Orthocladius sp.	1	
Chironominae		
Cryptochironomus sp.	3	
Demicryptochironomus sp.	6	
Polypedilum sp.	3	
Tanytarsus sp.	1	

DATE : October 26, 1994
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16346

REMARKS : 1 16 oz jar. Substrate: sand, silt, clay, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	37	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	20	
Trichoptera		
Leptoceridae		
Oecetis sp.	4	
Polycentropodidae		
Phylocentropus sp.	4	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	2	
Cryptochironomus sp.	2	
Demicryptochironomus sp.	3	
Dicrotendipes sp.	1	
Polypedilum sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	2	

DATE : October 26, 1994
LOCATION : Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16347

REMARKS : 1 16 oz jar. Substrate: sand, silt, clay, light organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Oligochaeta		
Indeterminate	23	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	22	
Trichoptera		
Leptoceridae		
Oecetis sp.	2	
Triaenodes sp.	1	
Polycentropodidae		
Phylocentropus sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	1	
Chironomidae		
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	4	
Demicryptochironomus sp.	4	
Dicrotendipes sp.	1	
Tanytarsus sp.	5	

DATE : October 26, 1994
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16348

REMARKS : 1 16 oz jar. Substrate: sand, silt, clay, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Polychaeta		
Sabellida		
Sabellidae		
Manayunkia speciosa	5	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Trichoptera		
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Coelotanypus sp.	1	
Chironominae		
Axarus sp.	1	
Dicrotendipes sp.	2	
Polypedilum sp.	1	
Tribelos sp.	1	

DATE : October 26, 1994
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16349

REMARKS : 1 16 oz jar. Substrate: sand, silt, clay, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	6	
Polychaeta		
Sabellida		
Sabellidae		
Manayunkia speciosa	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	3	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Ceratopogonidae		
Indeterminate	6	
Chironomidae		
Indeterminate	1	
Chironominae		
Indeterminate	1	
Axarus sp.	2	
Polypedilum sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	4	
Unionidae		
Elliptio complanata	1	

DATE : October 26, 1994
LOCATION : Station 5-Vermont
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16350

REMARKS : 1 16 oz jar. Substrate: sand, silt, clay, light organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Oligochaeta		
Indeterminate	6	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Trichoptera		
Leptoceridae		
Triaenodes sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	4	
Chironomidae		
Chironominae		
Polypedilum sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	5	

DATE : October 26, 1994
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16351

REMARKS : 2 16 oz jars. Substrate: fine sand, silt, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	27	
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Ephemeridae		
Hexagenia sp.	3	
Trichoptera		
Leptoceridae		
Triaenodes sp.	1	
Diptera		
Chironomidae		
Indeterminate	49	
Tanypodinae		
Procladius sp.	9	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	1	
Dicrotendipes sp.	1	
Polypedilum sp.	6	
Pseudochironomus sp.	2	
Stempellinella sp.	1	
Tanytarsus sp.	7	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	6	

DATE	:	October 26, 1994
LOCATION	:	Station 5-Midstream
METHOD	:	Ekman dredge (9 inch), 3 hauls
SAMPLE	:	16352
REMARKS	:	1 16 oz jar. Substrate: fine sand, silt, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	19	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	4	
Odonata		
Gomphidae		
Gomphus sp.	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	2	
Triaenodes sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	61	
Tanypodinae		
Procladius sp.	3	
Chironominae		
Indeterminate	2	
Cryptochironomus sp.	2	
Polypedilum sp.	17	
Pseudochironomus sp.	2	
Tanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	7	
Pisidium sp.	10	

DATE : October 26, 1994 9:55
LOCATION : Station 5-Midstream
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16353

REMARKS : 2 16 oz jars. Substrate: fine sand, silt, light organic debris

Organisms	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	10	
Polychaeta		
Sabellida		
Sabellidae		
Manayunkia speciosa	2	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	4	
Crustacea		
Amphipoda		
Talitridae		
Hyalella azteca	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	1	
Heptageniidae		
Stenonema sp.	2	
Trichoptera		
Leptoceridae		
Triaenodes sp.	2	
Diptera		
Chironomidae		
Indeterminate	44	
Tanypodinae		
Procladius sp.	6	
Chironominae		
Indeterminate	1	
Cryptochironomus sp.	1	
Microtendipes sp.	1	
Pagastiella sp.	1	
Polypedilum sp.	15	
Pseudochironomus sp.	1	
Tanytarsus sp.	4	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	9	

DATE : October 26, 1994 10:00
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16354

REMARKS : 1 16 oz jar. Substrate: silt, fine sand, organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Hirudinea		
Indeterminate	1	
Oligochaeta		
Indeterminate	46	
Polychaeta		
Sabellida		
Sabellidae		
Manayunkia speciosa	5	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	23	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Coelotanypus sp.	1	
Chironominae		
Indeterminate	2	
Demicryptochironomus sp.	5	
Pagastiella sp.	1	
Polypedilum sp.	1	
Pseudochironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	10	
Pisidium sp.	3	
Unionidae		
Elliptio complanata	1	

DATE : October 26, 1994 10:05
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16355

REMARKS : 1 16 oz jar. Substrate: silt, fine sand, organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Oligochaeta		
Indeterminate	30	
Polychaeta		
Sabellida		
Sabellidae		
Manayunkia speciosa	14	
ARTHROPODA		
Arachnoidea		
Acariformes		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	20	
Heptageniidae		
Stenonema sp.	1	
Trichoptera		
Leptoceridae		
Triaenodes sp.	2	
Diptera		
Ceratopogonidae		
Indeterminate	2	
Chironomidae		
Indeterminate	1	
Prodiamesinae		
Monodiamesa sp.	1	
Chironominae		
Indeterminate	1	
Demicryptochironomus sp.	6	
Pagastiella sp.	4	
Polypedilum sp.	7	
Pseudochironomus sp.	1	
Stictochironomus sp.	1	
Tanytarsus sp.	3	
MOLLUSCA		
Gastropoda		
Mesogastropoda		
Hydrobiidae		
Amnicola sp.		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	4	
Pisidium sp.	22	

DATE : October 26, 1994 10:10
LOCATION : Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 3 hauls
SAMPLE : 16356

REMARKS : 1 16 oz jar. Substrate: silt, fine sand, organic debris

Organisms	Number	Remarks
BRYOZOA		
Indeterminate		
ANNELIDA		
Oligochaeta		
Indeterminate	26	
Polychaeta		
Sabellida		
Sabellidae		
Manayunkia speciosa	6	
ARTHROPODA		
Crustacea		
Isopoda		
Asellidae		
Caecidotea sp.	2	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	14	
Diptera		
Ceratopogonidae		
Indeterminate	3	
Chironomidae		
Indeterminate	1	
Tanypodinae		
Procladius sp.	1	
Chironominae		
Indeterminate	1	
Demicryptochironomus sp.	1	
Polypedilum sp.	3	
Tanytarsus sp.	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Musculium sp.	1	
Pisidium sp.	14	
Sphaerium sp.	1	

Appendix E
Fish

END TIME: April 1, 1994 9:31
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.2 hours
SAMPLE : 15369

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Common Carp	174	86		
2	1	Yellow Perch	70	3.4		
3	1	Yellow Perch	61	2.4		
4	1	Yellow Perch	65	2.8		
5	1	Yellow Perch	70	3.7		

END TIME: April 7, 1994 17:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 151.5 hours
SAMPLE : 15370

No catch for this collection.

END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	72	2.7		
3	1	Brown Trout	92	6.3		
4	1	Northern Pike	350	318		
5	1	Yellow Perch	191	87		
6	1	Yellow Perch	206	106		
7	1	Yellow Perch	225	165		
8	1	Yellow Perch	184	77		
9	1	Yellow Perch	151	35		
10	1	Yellow Perch	180	65		
11	1	Yellow Perch	156	40		
12	1	Yellow Perch	155	47		
13	1	Yellow Perch	125	20		
14	1	Yellow Perch	158	43		
15	1	Yellow Perch	226	141		
16	1	Yellow Perch	178	67		
17	1	Yellow Perch	160	42		
18	1	Yellow Perch	216	130		
19	1	Yellow Perch	179	61		
20	1	Yellow Perch	162	41		
21	1	Yellow Perch	176	60		
22	1	Yellow Perch	135	26		
23	1	Yellow Perch	156	39		
24	1	Yellow Perch	165	46		
25	1	Yellow Perch	170	55		
26	1	Yellow Perch	155	39		
27	1	Yellow Perch	114	17		
28	1	Yellow Perch	126	20		
29	1	Yellow Perch	142	33		
30	1	Yellow Perch	161	45		
31	1	Yellow Perch	138	26		
32	1	Yellow Perch	132	22		
33	1	Yellow Perch	125	19		
34	1	Yellow Perch	178	62		
35	1	Yellow Perch	166	52		
36	1	Yellow Perch	174	53		
37	1	Yellow Perch	124	19		
38	1	Yellow Perch	125	19		
39	1	Yellow Perch	152	39		
40	1	Yellow Perch	266	283		
41	1	Yellow Perch	219	119		
42	1	Yellow Perch	223	129		
43	1	Yellow Perch	180	61		
44	1	Yellow Perch	162	40		
45	1	Yellow Perch	145	31		
46	1	Yellow Perch	124	19		
47	1	Yellow Perch	115	13		
48	1	Yellow Perch	204	104		
49	1	Yellow Perch	170	51		
50	1	Yellow Perch	171	60		
51	1	Yellow Perch	160	41		
52	1	Yellow Perch	165	48		
53	1	Yellow Perch	161	43		
54	1	Yellow Perch	165	39		
55	1	Yellow Perch	152	35		
56	1	Yellow Perch	127	21		
57	1	Yellow Perch	123	18		
58	1	Yellow Perch	120	19		
59	1	Yellow Perch	136	25		
60	1	Yellow Perch	139	28		
61	1	Yellow Perch	122	16		
62	1	Yellow Perch	125	19		
63	1	Yellow Perch	131	23		
64	1	Yellow Perch	120	18		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
65	1	Yellow Perch	85	5.6		
66	1	Yellow Perch	81	5.3		
67	1	Yellow Perch	164	48		
68	1	Yellow Perch	61	2.5		
70	1	Yellow Perch	73	3.6		
71	1	Yellow Perch	74	3.5		
72	1	Yellow Perch	84	5.9		
73	1	Yellow Perch	87	6.2		
74	1	Yellow Perch	83	4.9		
75	1	Yellow Perch	113	14		
76	1	Yellow Perch	91	7.5		
77	1	Yellow Perch	120	19		
78	1	Yellow Perch	75	3.0		
79	1	Yellow Perch	76	4.0		
80	1	Yellow Perch	77	4.1		
81	1	Yellow Perch	128	21		
82	1	Yellow Perch	76	4.2		
83	1	Yellow Perch	78	4.1		
84	1	Yellow Perch	83	6.2		
85	1	Yellow Perch	70	3.2		
86	1	Yellow Perch	65	2.6		
87	1	Yellow Perch	74	3.1		
88	1	Yellow Perch	81	5.6		
89	1	Yellow Perch	82	4.8		
90	1	Yellow Perch	81	5.3		
91	1	Yellow Perch	74	3.8		
92	1	Yellow Perch	80	4.8		
93	1	Yellow Perch	71	3.7		
94	1	Yellow Perch	75	3.7		
95	1	Yellow Perch	77	4.3		
96	1	Yellow Perch	87	6.3		
97	1	Yellow Perch	75	4.1		
98	1	Yellow Perch	79	5.0		
99	1	Yellow Perch	90	6.9		
100	1	Yellow Perch	85	6.6		
101	1	Yellow Perch	80	4.4		
102	1	Yellow Perch	94	8.0		
103	1	Yellow Perch	80	4.3		
104	1	Yellow Perch	80	4.9		
105	1	Yellow Perch	71	3.3		
106	1	Yellow Perch	96	9.7		
107	1	Yellow Perch	77	4.6		
108	1	Yellow Perch	87	5.6		
109	1	Yellow Perch	81	5.2		
110	1	Yellow Perch	69	3.3		
111	1	Yellow Perch	91	7.3		
112	1	Yellow Perch	78	4.2		
113	1	Yellow Perch	85	5.4		
114	1	Yellow Perch	65	2.7		
115	1	Yellow Perch	75	4.0		
116	1	Yellow Perch	77	4.1		
117	1	Yellow Perch	72	3.8		
118	1	Yellow Perch	65	2.5		
119	1	Yellow Perch	75	3.7		
120	1	Yellow Perch	69	3.1		
121	1	Yellow Perch	76	4.2		
122	1	Yellow Perch	84	5.6		
123	1	Yellow Perch	77	4.4		
124	1	Yellow Perch	75	3.5		
125	1	Yellow Perch	70	3.3		
126	1	Yellow Perch	81	5.1		
127	1	Yellow Perch	76	4.0		
128	1	Yellow Perch	79	3.9		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
129	1	Yellow Perch	80	4.4		
130	1	Yellow Perch	75	3.7		
131	1	Yellow Perch	75	3.7		
132	1	Yellow Perch	70	3.0		
133	1	Yellow Perch	83	4.7		
134	1	Yellow Perch	82	5.6		
135	1	Yellow Perch	76	4.2		
136	1	Yellow Perch	76	4.0		
137	1	Yellow Perch	75	3.9		
138	1	Yellow Perch	65	2.6		
139	1	Yellow Perch	70	3.4		
140	1	Yellow Perch	62	2.2		
141	1	Yellow Perch	62	2.2		
142	1	Yellow Perch	66	3.0		
143	1	Yellow Perch	68	3.2		
144	1	Yellow Perch	70	3.0		
145	1	Yellow Perch	66	2.6		
146	1	Yellow Perch	71	3.4		
147	1	Yellow Perch	70	2.9		
148	1	Yellow Perch	62	2.5		
149	1	Yellow Perch	71	3.6		
150	1	Yellow Perch	70	2.9		
151	1	Yellow Perch	66	2.4		
152	1	Yellow Perch	67	2.8		
153	1	Yellow Perch	66	2.6		
154	1	Yellow Perch	73	3.5		
155	1	Yellow Perch	67	2.8		
156	1	Yellow Perch	64	2.5		
157	1	Yellow Perch	66	2.5		
158	1	Spottail Shiner	90	5.3		
159	1	Spottail Shiner	80	4.1		
160	1	Spottail Shiner	76	3.7		
161	1	Spottail Shiner	56	1.3		
162	1	Spottail Shiner	97	7.1		
163	1	Spottail Shiner	84	5.3		
164	1	Spottail Shiner	95	6.9		
165	1	Spottail Shiner	80	3.9		
166	1	Spottail Shiner	73	3.1		
167	1	Spottail Shiner	100	8.7		
168	1	Spottail Shiner	100	7.5		
169	1	Spottail Shiner	74	3.4		
170	1	Spottail Shiner	75	4.0		
171	1	Spottail Shiner	84	4.5		
172	1	Spottail Shiner	75	3.3		
173	1	Spottail Shiner	76	4.0		
174	1	Spottail Shiner	75	3.3		
175	1	Spottail Shiner	77	3.8		
176	1	Spottail Shiner	75	3.5		
177	1	Spottail Shiner	72	3.1		
178	1	Spottail Shiner	74	3.4		
179	1	Spottail Shiner	72	2.9		
180	1	Spottail Shiner	66	2.1		
181	1	Spottail Shiner	70	2.7		
182	1	Spottail Shiner	97	7.5		
183	1	Spottail Shiner	86	5.5		
184	1	Spottail Shiner	98	6.6		
185	1	Spottail Shiner	77	4.0		
186	1	Spottail Shiner	76	3.3		
187	1	Spottail Shiner	98	6.5		
188	1	Spottail Shiner	74	3.1		
189	1	Spottail Shiner	71	3.1		
190	1	Spottail Shiner	76	3.5		
191	1	Spottail Shiner	72	3.1		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
192	1	Spottail Shiner	76	3.8		
193	1	Spottail Shiner	77	3.5		
194	1	Spottail Shiner	76	3.8		
195	1	Spottail Shiner	76	3.4		
196	1	Spottail Shiner	70	3.2		
197	1	Spottail Shiner	61	1.3		
198	1	Spottail Shiner	76	3.8		
199	1	Spottail Shiner	99	7.6		
200	1	Spottail Shiner	83	4.7		
201	1	Spottail Shiner	75	3.2		
202	1	Spottail Shiner	81	4.8		
203	1	Spottail Shiner	97	6.6		
204	1	Spottail Shiner	87	5.7		
205	1	Spottail Shiner	76	3.2		
206	1	Spottail Shiner	92	6.2		
207	1	Spottail Shiner	80	4.1		
208	1	Spottail Shiner	76	3.8		
209	1	Spottail Shiner	77	4.0		
210	1	Spottail Shiner	77	3.5		
211	1	Spottail Shiner	70	2.7		
212	1	Spottail Shiner	71	3.3		
213	1	Spottail Shiner	76	3.6		
214	1	Spottail Shiner	66	2.0		
215	1	Spottail Shiner	71	2.6		
216	1	Spottail Shiner	82	4.9		
217	1	Spottail Shiner	96	6.6		
218	1	Spottail Shiner	95	6.9		
219	1	Spottail Shiner	80	3.7		
220	1	Spottail Shiner	99	7.4		
221	1	Spottail Shiner	85	4.7		
222	1	Spottail Shiner	71	3.2		
223	1	Spottail Shiner	72	3.4		
224	1	Spottail Shiner	84	5.3		
225	1	Spottail Shiner	80	3.9		
226	1	Spottail Shiner	71	2.9		
227	1	Spottail Shiner	81	3.9		
228	1	Spottail Shiner	91	5.5		
229	1	Spottail Shiner	82	4.9		
230	1	Spottail Shiner	81	4.7		
231	1	Spottail Shiner	72	3.4		
232	1	Spottail Shiner	75	3.3		
233	1	Spottail Shiner	76	3.5		
234	1	Spottail Shiner	70	2.2		
235	1	Spottail Shiner	71	3.0		
236	1	Spottail Shiner	62	1.5		
237	1	Spottail Shiner	65	2.1		
238	1	Spottail Shiner	75	3.3		
239	1	Spottail Shiner	94	5.2		
240	1	Spottail Shiner	75	3.1		
241	1	Spottail Shiner	80	4.4		
242	1	Spottail Shiner	74	2.8		
243	1	Spottail Shiner	74	2.9		
244	1	Spottail Shiner	74	3.1		
245	1	Spottail Shiner	76	2.9		
246	1	Spottail Shiner	101	7.8		
247	1	Spottail Shiner	89	6.6		
248	1	Spottail Shiner	75	3.3		
249	1	Spottail Shiner	97	6.6		
250	1	Spottail Shiner	76	3.4		
251	1	Spottail Shiner	77	4.2		
252	1	Spottail Shiner	79	4.3		
253	1	Spottail Shiner	97	6.7		
254	1	Spottail Shiner	101	8.1		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
255	1	Spottail Shiner	75	3.8		
256	1	Spottail Shiner	72	3.3		
257	1	Spottail Shiner	80	4.8		
258	1	Spottail Shiner	82	4.1		
259	1	Spottail Shiner	77	4.0		
260	1	Spottail Shiner	77	3.8		
261	1	Spottail Shiner	80	4.4		
262	1	Spottail Shiner	80	4.4		
263	1	Spottail Shiner	72	3.3		
264	1	Spottail Shiner	72	2.9		
265	1	Spottail Shiner	70	2.8		
266	1	Spottail Shiner	82	4.5		
267	1	Spottail Shiner	73	3.3		
268	1	Spottail Shiner	105	9.4		
269	1	Spottail Shiner	102	7.9		
270	1	Spottail Shiner	98	7.3		
271	1	Spottail Shiner	82	5.5		
272	1	Spottail Shiner	100	7.7		
273	1	Spottail Shiner	77	3.4		
274	1	Spottail Shiner	80	4.4		
275	1	Spottail Shiner	97	6.7		
276	1	Spottail Shiner	79	4.4		
277	1	Spottail Shiner	81	4.4		
278	1	Spottail Shiner	76	3.6		
279	1	Spottail Shiner	81	5.1		
280	1	Spottail Shiner	82	4.5		
281	1	Spottail Shiner	80	4.3		
282	1	Spottail Shiner	100	9.8		
283	1	Spottail Shiner	81	4.3		
284	1	Spottail Shiner	81	4.1		
285	1	Spottail Shiner	94	6.3		
286	1	Spottail Shiner	75	3.4		
287	1	Spottail Shiner	72	3.3		
288	1	Spottail Shiner	81	4.4		
289	1	Spottail Shiner	75	3.4		
290	1	Spottail Shiner	64	3.9		
291	1	Spottail Shiner	79	3.6		
292	1	Spottail Shiner	69	2.9		
293	1	Spottail Shiner	104	8.6		
294	1	Spottail Shiner	112	11		
295	1	Spottail Shiner	109	10		
296	1	Spottail Shiner	82	5.4		
297	1	Spottail Shiner	110	8.7		
298	1	Spottail Shiner	80	4.5		
299	1	Spottail Shiner	84	5.4		
300	1	Spottail Shiner	81	6.2		
301	1	Spottail Shiner	72	3.0		
302	1	Spottail Shiner	75	3.1		
303	1	Spottail Shiner	79	3.9		
304	1	Spottail Shiner	71	3.2		
305	1	Spottail Shiner	76	4.0		
306	1	Spottail Shiner	69	2.1		
307	1	Spottail Shiner	75	2.9		
308	1	Spottail Shiner	75	3.2		
309	1	Spottail Shiner	73	3.1		
310	1	Mimic Shiner	36	0.3		
311	1	Golden Shiner	156	41		
312	1	Golden Shiner	145	29		
313	1	Golden Shiner	111	14		
314	1	Golden Shiner	105	9.6		
315	1	Golden Shiner	70	3.5		
316	1	Rock Bass	102	21		
317	1	Rock Bass	76	11		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
318	1	Rock Bass	100	19		
319	1	Rock Bass	76	8.6		
320	1	Rock Bass	55	6.5		
321	1	Rock Bass	54	3.0		
322	1	Rock Bass	52	3.0		
323	1	Rock Bass	47	2.0		
324	1	Rock Bass	45	1.9		
325	1	Rock Bass	54	2.8		
326	1	Rock Bass	51	2.6		
327	1	Rock Bass	50	2.1		
328	1	Rock Bass	59	3.7		
329	1	Rock Bass	52	2.3		
330	1	Rock Bass	40	1.4		
331	1	Rock Bass	52	2.3		
332	1	Rock Bass	56	3.4		
333	1	Rock Bass	52	2.4		
334	1	Rock Bass	52	2.6		
335	1	Rock Bass	50	2.1		
336	1	Rock Bass	52	2.7		
337	1	Rock Bass	54	2.7		
338	1	Rock Bass	46	3.0		
339	1	Rock Bass	42	2.6		
340	1	Rock Bass	55	3.0		
341	1	Rock Bass	50	2.3		
342	1	Rock Bass	45	1.7		
343	1	Rock Bass	46	1.8		
344	1	Rock Bass	43	1.5		
345	1	Rock Bass	42	1.1		
346	1	Rock Bass	40	1.2		
347	1	Rock Bass	42	1.6		
348	1	Rock Bass	40	1.4		
349	1	Rock Bass	42	1.4		
350	1	Rock Bass	35	0.8		
351	1	Rock Bass	179	108		
352	1	Rock Bass	136	52		
353	1	Rock Bass	179	113		
354	1	Rock Bass	145	53		
355	1	Rock Bass	175	112		
356	1	Rock Bass	182	133		
357	1	Rock Bass	155	83		
358	1	Rock Bass	164	86		
359	1	Rock Bass	145	72		
360	1	Rock Bass	122	41		
361	1	Rock Bass	110	27		
362	1	Rock Bass	95	16		
363	1	Rock Bass	119	29		
364	1	Rock Bass	101	17		
365	1	Rock Bass	89	13		
366	1	Rock Bass	87	12		
367	1	Rock Bass	89	13		
368	1	Rock Bass	87	12		
369	1	Rock Bass	85	11		
370	1	Rock Bass	84	10		
371	1	Lepomis sp.	41	1.0		
372	1	Lepomis sp.	45	1.3		
373	1	Lepomis sp.	46	1.6		
374	1	Lepomis sp.	47	1.6		
375	1	Lepomis sp.	46	1.3		
376	1	Lepomis sp.	44	1.3		
377	1	Lepomis sp.	43	1.1		
378	1	Lepomis sp.	45	1.3		
379	1	Lepomis sp.	35	0.6		
380	1	Lepomis sp.	42	1.2		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
381	1	Lepomis sp.	50	1.7		
382	1	Lepomis sp.	50	2.0		
383	1	Lepomis sp.	50	1.6		
384	1	Lepomis sp.	45	1.2		
385	1	Lepomis sp.	44	1.3		
386	1	Lepomis sp.	45	1.4		
387	1	Lepomis sp.	42	1.1		
388	1	Lepomis sp.	42	1.2		
389	1	Lepomis sp.	42	1.1		
390	1	Lepomis sp.	42	1.2		
391	1	Lepomis sp.	44	1.3		
392	1	Lepomis sp.	45	1.5		
393	1	Lepomis sp.	45	1.6		
394	1	Lepomis sp.	45	1.4		
395	1	Lepomis sp.	43	1.2		
396	1	Lepomis sp.	40	1.0		
397	1	Lepomis sp.	38	0.7		
398	1	Lepomis sp.	52	2.2		
399	1	Lepomis sp.	49	1.5		
400	1	Lepomis sp.	42	1.2		
401	1	Lepomis sp.	58	3.0		
402	1	Lepomis sp.	50	1.9		
403	1	Lepomis sp.	45	1.5		
404	1	Lepomis sp.	50	2.2		
405	1	Lepomis sp.	45	1.4		
406	1	Lepomis sp.	50	1.8		
407	1	Lepomis sp.	40	1.3		
408	1	Lepomis sp.	40	1.8		
409	1	Lepomis sp.	46	1.6		
410	1	Lepomis sp.	48	1.6		
411	1	Lepomis sp.	46	1.6		
412	1	Pumpkinseed	129	48		
413	1	Pumpkinseed	125	41		
414	1	Pumpkinseed	151	71		
415	1	Pumpkinseed	143	64		
416	1	Pumpkinseed	96	16		
417	1	Bluegill	156	72		
418	1	Bluegill	166	82		
419	1	Bluegill	171	100		
420	1	Bluegill	146	65		
421	1	Bluegill	153	73		
422	1	Bluegill	145	57		
423	1	Bluegill	106	21		
424	1	Bluegill	100	15		
425	1	Bluegill	90	12		
426	1	Chain Pickerel	245	96		
427	1	Yellow Bullhead	85	7.6		
428	1	Yellow Bullhead	89	8.8		
429	1	Yellow Bullhead	85	6.6		
430	1	Yellow Bullhead	85	8.0		
431	1	Yellow Bullhead	85	6.5		
432	1	Yellow Bullhead	88	8.6		
433	1	Yellow Bullhead	80	5.3		
434	1	Yellow Bullhead	86	9.3		
435	1	Yellow Bullhead	90	9.1		
436	1	Yellow Bullhead	76	5.3		
437	1	Yellow Bullhead	70	3.7		
438	1	Yellow Bullhead	68	3.7		
439	1	Yellow Bullhead	70	4.1		
440	1	Yellow Bullhead	69	3.8		
441	1	Yellow Bullhead	224	163		
442	1	Yellow Bullhead	221	167		
443	1	Yellow Bullhead	140	38		

(CONTINUED)
END TIME: April 8, 1994 11:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.3 hours
SAMPLE : 15371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
444	1	Yellow Bullhead	151	46		
445	1	Yellow Bullhead	96	11		
446	1	Yellow Bullhead	95	10		
447	1	Yellow Bullhead	150	47		
448	1	Yellow Bullhead	172	67		
449	1	Yellow Bullhead	112	17		
450	1	Yellow Bullhead	100	12		
451	1	Yellow Bullhead	110	16		
452	1	Yellow Bullhead	99	11		
453	1	Yellow Bullhead	103	11		
454	1	Brown Bullhead	66	3.6		
455	1	Brown Bullhead	70	4.8		
456	1	Brown Bullhead	100	12		
457	1	Brown Bullhead	96	10		
458	1	Brown Bullhead	92	8.3		
459	1	Brown Bullhead	63	2.9		
460	1	Brown Bullhead	84	6.8		
461	1	Brown Bullhead	73	4.7		
462	1	Brown Bullhead	70	4.5		
463	1	Brown Bullhead	75	5.1		
464	1	Brown Bullhead	114	18		
465	1	Brown Bullhead	64	2.5		
466	1	Brown Bullhead	65	3.6		
467	1	Brown Bullhead	248	194		
468	1	Smallmouth Bass	74	6.6		
469	1	Smallmouth Bass	100	14		
470	1	Smallmouth Bass	100	13		
471	1	Smallmouth Bass	82	7.1		
472	1	Smallmouth Bass	66	3.7		
473	1	Smallmouth Bass	79	5.6		
474	1	Smallmouth Bass	76	4.8		
475	1	Smallmouth Bass	78	6.6		
476	1	Smallmouth Bass	85	9.5		
477	1	Smallmouth Bass	76	5.0		
478	1	Smallmouth Bass	71	4.9		
479	1	Smallmouth Bass	65	3.9		
480	1	Smallmouth Bass	80	6.3		
481	1	Smallmouth Bass	76	5.7		
482	1	Smallmouth Bass	80	6.4		
483	1	Smallmouth Bass	84	6.9		
484	1	Smallmouth Bass	84	8.2		
485	1	Smallmouth Bass	82	6.3		
486	1	Smallmouth Bass	75	5.1		
487	1	Smallmouth Bass	85	7.3		
488	1	Smallmouth Bass	75	6.2		
489	1	Smallmouth Bass	74	5.1		
490	1	Smallmouth Bass	45	1.3		
491	1	Smallmouth Bass	79	5.4		
492	1	Smallmouth Bass	70	4.3		
493	1	Smallmouth Bass	60	2.7		
494	1	Smallmouth Bass	69	3.9		
495	1	Smallmouth Bass	67	3.3		
496	1	Smallmouth Bass	65	3.4		
497	1	Smallmouth Bass	70	4.5		
498	1	Smallmouth Bass	60	2.8		
499	1	Largemouth Bass	86	9.1		
500	1	Largemouth Bass	105	19		
501	1	Largemouth Bass	131	27		
502	1	White Sucker	95	9.7		
503	1	Sea Lamprey	160	5.1		
504	1	Sea Lamprey	177	7.1		
505	1	Sea Lamprey	150	5.4		
506	1	Smallmouth Bass	66	4.3		

END TIME: April 9, 1994 10:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.3 hours
SAMPLE : 15372

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	221	161		
2	1	Yellow Perch	186	73		
3	1	Yellow Perch	166	49		
4	1	Yellow Perch	170	47		
5	1	Yellow Perch	150	35		
6	1	Yellow Perch	162	46		
7	1	Yellow Perch	132	24		
8	1	Yellow Perch	161	48		
9	1	Yellow Perch	128	21		
10	1	Yellow Perch	167	57		
11	1	Yellow Perch	179	59		
12	1	Yellow Perch	152	39		
13	1	Yellow Perch	156	39		
14	1	Yellow Perch	157	41		
15	1	Yellow Perch	141	32		
16	1	Yellow Perch	162	42		
17	1	Yellow Perch	135	28		
18	1	Yellow Perch	127	22		
19	1	Yellow Perch	172	53		
20	1	Yellow Perch	118	16		
21	1	Yellow Perch	116	15		
22	1	Yellow Perch	121	17		
23	1	Yellow Perch	74	3.6		
24	1	Yellow Perch	79	4.0		
25	1	Yellow Perch	85	5.6		
26	1	Yellow Perch	75	4.0		
27	1	Yellow Perch	69	2.8		
28	1	Yellow Perch	80	4.2		
29	1	Yellow Perch	75	3.5		
30	1	Yellow Perch	79	4.0		
31	1	Yellow Perch	95	8.6		
32	1	Yellow Perch	74	3.8		
33	1	Yellow Perch	72	4.2		
34	1	Yellow Perch	75	4.0		
35	1	Yellow Perch	74	3.7		
36	1	Yellow Perch	84	5.8		
37	1	Yellow Perch	70	3.2		
38	1	Yellow Perch	71	3.2		
39	1	Yellow Perch	75	3.9		
40	1	Yellow Perch	77	3.9		
41	1	Yellow Perch	75	4.0		
42	1	Yellow Perch	75	3.6		
43	1	Yellow Perch	70	3.2		
44	1	Yellow Perch	69	3.0		
45	1	Yellow Perch	68	2.8		
46	1	Yellow Perch	164	46		
47	1	Yellow Perch	79	5.3		
48	1	Rock Bass	215	222		
49	1	Rock Bass	209	183		
50	1	Rock Bass	166	107		
51	1	Rock Bass	120	35		
52	1	Rock Bass	105	23		
53	1	Rock Bass	111	25		
54	1	Rock Bass	80	9.8		
55	1	Rock Bass	55	2.8		
56	1	Rock Bass	52	2.8		
57	1	Rock Bass	53	2.7		
58	1	Rock Bass	53	2.4		
59	1	Rock Bass	49	2.1		
60	1	Rock Bass	54	2.2		
61	1	Rock Bass	44	1.5		
62	1	Bluegill	151	69		
63	1	Bluegill	143	60		

(CONTINUED)
END TIME: April 9, 1994 10:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.3 hours
SAMPLE : 15372

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Bluegill	171	99		
65	1	Bluegill	135	47		
66	1	Bluegill	166	98		
67	1	Bluegill	150	70		
68	1	Bluegill	166	93		
69	1	Bluegill	162	92		
70	1	Bluegill	141	54		
71	1	Bluegill	154	76		
72	1	Bluegill	137	52		
73	1	Bluegill	98	18		
74	1	Rock Bass	92	16		
75	1	Pumpkinseed	97	18		
76	1	Pumpkinseed	147	70		
77	1	Pumpkinseed	148	55		
78	1	Pumpkinseed	160	87		
79	1	Pumpkinseed	162	87		
80	1	Pumpkinseed	82	10		
81	1	Pumpkinseed	65	3.8		
82	1	Lepomis sp.	62	3.6		
83	1	Lepomis sp.	50	1.8		
84	1	Lepomis sp.	32	0.8		
85	1	Lepomis sp.	44	1.4		
86	1	Lepomis sp.	44	1.4		
87	1	Lepomis sp.	42	1.2		
88	1	Lepomis sp.	52	1.7		
89	1	Lepomis sp.	46	1.5		
90	1	Lepomis sp.	42	1.1		
91	1	Lepomis sp.	37	1.3		
92	1	Lepomis sp.	44	1.2		
93	1	Lepomis sp.	45	1.4		
94	1	Lepomis sp.	45	1.5		
95	1	Lepomis sp.	45	1.3		
96	1	Lepomis sp.	53	2.2		
97	1	Yellow Perch	66	2.7		
98	1	Golden Shiner	205	99		
99	1	Golden Shiner	133	24		
100	1	Walleye	196	58		
101	1	Smallmouth Bass	100	13		
102	1	Smallmouth Bass	82	7.8		
103	1	Smallmouth Bass	83	7.6		
104	1	Smallmouth Bass	75	5.3		
105	1	Smallmouth Bass	80	6.3		
106	1	Smallmouth Bass	90	9.1		
107	1	Smallmouth Bass	81	6.5		
108	1	Smallmouth Bass	85	7.4		
109	1	Smallmouth Bass	66	3.8		
110	1	Smallmouth Bass	83	7.8		
111	1	Smallmouth Bass	82	7.7		
112	1	Smallmouth Bass	70	3.8		
113	1	Smallmouth Bass	83	5.6		
114	1	Smallmouth Bass	81	6.7		
115	1	Smallmouth Bass	80	6.2		
116	1	Smallmouth Bass	111	17		
117	1	White Sucker	92	7.2		
118	1	Yellow Bullhead	86	6.2		
119	1	Yellow Bullhead	101	15		
120	1	Yellow Bullhead	69	4.0		
121	1	Yellow Bullhead	81	6.4		
122	1	Yellow Bullhead	75	4.1		
123	1	Yellow Bullhead	85	6.6		
124	1	Brown Bullhead	105	14		
125	1	Brown Bullhead	67	3.9		
126	1	Brown Bullhead	89	8.5		

(CONTINUED)
END TIME: April 9, 1994 10:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.3 hours
SAMPLE : 15372

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
127	1	Brown Bullhead	70	4.0		
128	1	Brown Bullhead	85	6.9		
129	1	Sea Lamprey	163	5.6		
130	1	Sea Lamprey	155	5.3		
131	1	Sea Lamprey	145	5.0		
132	1	Sea Lamprey	126	4.3		
133	1	Sea Lamprey	134	4.6		
134	1	Sea Lamprey	125	2.4		
135	1	Sea Lamprey	132	3.4		
136	1	Sea Lamprey	121	4.3		
137	1	Sea Lamprey	125	2.2		
138	1	Sea Lamprey	140	4.0		
139	1	Sea Lamprey	131	3.7		
140	1	Sea Lamprey	139	3.6		
141	1	Sea Lamprey	114	1.9		
142	1	Sea Lamprey	150	4.9		
143	1	Sea Lamprey	148	4.2		
144	1	Sea Lamprey	130	4.1		
145	1	Sea Lamprey	113	3.1		
146	1	Sea Lamprey	135	4.4		
147	1	Sea Lamprey	131	3.0		
148	1	Sea Lamprey	142	4.2		
149	1	Sea Lamprey	140	4.2		
150	1	Sea Lamprey	141	4.1		
151	1	Sea Lamprey	135	3.2		
152	1	Sea Lamprey	153	5.1		
153	1	Sea Lamprey	140	3.9		
154	1	Sea Lamprey	160	5.1		
155	1	Sea Lamprey	114	2.6		
156	1	Sea Lamprey	113	1.8		
157	1	Sea Lamprey	138	3.7		
158	1	Sea Lamprey	156	6.2		
159	1	Sea Lamprey	153	5.4		
160	1	Spottail Shiner	78	4.6		
161	1	Spottail Shiner	78	4.1		
162	1	Spottail Shiner	99	7.1		
163	1	Spottail Shiner	91	7.4		
164	1	Spottail Shiner	82	4.6		
165	1	Spottail Shiner	82	4.4		
166	1	Spottail Shiner	96	7.8		
167	1	Spottail Shiner	77	3.8		
168	1	Spottail Shiner	100	8.9		
169	1	Spottail Shiner	85	5.5		
170	1	Spottail Shiner	99	6.5		
171	1	Spottail Shiner	80	4.0		
172	1	Spottail Shiner	95	6.2		
173	1	Spottail Shiner	72	3.0		
174	1	Spottail Shiner	74	3.4		
175	1	Spottail Shiner	76	3.5		
176	1	Spottail Shiner	70	2.7		
177	1	Spottail Shiner	71	2.3		
178	1	Spottail Shiner	71	3.1		
179	1	Spottail Shiner	76	3.6		
180	1	Spottail Shiner	66	1.9		
181	1	Spottail Shiner	98	7.0		
182	1	Spottail Shiner	83	4.3		
183	1	Spottail Shiner	75	3.7		
184	1	Spottail Shiner	77	3.3		
185	1	Spottail Shiner	74	2.9		
186	1	Spottail Shiner	77	4.4		
187	1	Spottail Shiner	91	5.4		
188	1	Spottail Shiner	75	3.3		
189	1	Spottail Shiner	76	3.6		

(CONTINUED)
END TIME: April 9, 1994 10:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.3 hours
SAMPLE : 15372

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
190	33	Spottail Shiner		110		

END TIME: April 10, 1994 6:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.0 hours
SAMPLE : 15373

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Northern Pike	316	239		
2	1	Chain Pickerel	219	63		
3	1	Bluegill	201	158		
4	1	Bluegill	152	74		
5	1	Bluegill	144	54		
6	1	Bluegill	134	48		
7	1	Bluegill	156	75		
8	1	Bluegill	147	58		
9	1	Bluegill	97	17		
10	1	Pumpkinseed	160	93		
11	1	Pumpkinseed	131	48		
12	1	Pumpkinseed	143	53		
13	1	Rock Bass	48	2.6		
14	1	Bluegill	150	63		
15	1	Yellow Bullhead	205	126		
16	1	Yellow Perch	135	26		
17	1	Yellow Perch	165	47		
18	1	Yellow Perch	161	39		
19	1	Yellow Perch	154	36		
20	1	Yellow Perch	135	25		
21	1	Yellow Perch	166	53		
22	1	Yellow Perch	164	51		
23	1	Yellow Perch	129	21		
24	1	Yellow Perch	150	40		
25	1	Yellow Perch	141	24		
26	1	Yellow Perch	131	24		
27	1	Yellow Perch	134	22		
28	1	Yellow Perch	125	20		
29	1	Yellow Perch	137	24		
30	1	Yellow Perch	87	6.8		
31	1	Smallmouth Bass	85	7.2		
32	1	Golden Shiner	132	21		
33	1	Golden Shiner	131	16		
34	1	Spottail Shiner	15	9.0		
35	1	Spottail Shiner	100	6.6		
36	1	Spottail Shiner	98	6.5		
37	1	Spottail Shiner	101	7.1		
38	1	Bluegill	156	76		
39	1	Bluegill	173	132		
40	1	Bluegill	166	97		
41	1	Bluegill	156	73		
42	1	Bluegill	155	78		
43	1	Bluegill	153	75		
44	1	Bluegill	148	76		
45	1	Bluegill	164	102		
46	1	Bluegill	157	83		
47	1	Bluegill	156	78		
48	1	Bluegill	146	64		
49	1	Bluegill	195	124		
50	1	Bluegill	185	134		
51	1	Bluegill	163	89		
52	1	Bluegill	95	15		
53	1	Bluegill	95	14		
54	1	Pumpkinseed	145	66		
55	1	Pumpkinseed	155	70		
56	1	Pumpkinseed	138	58		
57	1	Pumpkinseed	95	14		
58	1	Pumpkinseed	94	13		
59	1	Pumpkinseed	95	15		
60	1	Pumpkinseed	161	97		
61	1	Bluegill	145	65		
62	1	Bluegill	100	16		
63	1	Rock Bass	136	46		

(CONTINUED)
END TIME: April 10, 1994 6:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.0 hours
SAMPLE : 15373

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Rock Bass	134	45		
65	1	Rock Bass	133	17		
66	1	Rock Bass	105	22		
67	1	Rock Bass	95	16		
68	1	Rock Bass	58	4.3		
69	1	Rock Bass	60	6.4		
70	1	Rock Bass	55	2.3		
71	1	Rock Bass	75	7.8		
72	1	Rock Bass	60	3.6		
73	1	Rock Bass	54	2.8		
74	1	Rock Bass	51	2.2		
75	1	Rock Bass	59	3.8		
76	1	Rock Bass	55	2.9		
77	1	Rock Bass	53	2.6		
78	1	Rock Bass	55	3.2		
79	1	Rock Bass	59	3.4		
80	1	Rock Bass	62	4.6		
81	1	Rock Bass	60	3.5		
82	1	Rock Bass	50	2.0		
83	1	Rock Bass	50	2.2		
84	1	Rock Bass	59	3.5		
85	1	Rock Bass	46	1.9		
86	1	Rock Bass	46	1.5		
87	1	Rock Bass	50	2.2		
88	1	Rock Bass	48	2.0		
89	1	Rock Bass	48	1.7		
90	1	Rock Bass	52	2.4		
91	35	Rock Bass		75		
92	1	Lepomis sp.	60	3.3		
93	1	Lepomis sp.	52	2.1		
94	1	Lepomis sp.	49	1.6		
95	1	Lepomis sp.	55	2.3		
96	1	Lepomis sp.	51	2.2		
97	1	Lepomis sp.	55	2.4		
98	1	Lepomis sp.	50	2.0		
99	1	Lepomis sp.	55	2.6		
100	1	Lepomis sp.	45	1.4		
101	1	Lepomis sp.	45	1.3		
102	1	Lepomis sp.	56	2.4		
103	1	Lepomis sp.	56	2.7		
104	1	Lepomis sp.	49	2.1		
105	1	Lepomis sp.	56	3.2		
106	1	Lepomis sp.	45	2.7		
107	1	Lepomis sp.	56	2.9		
108	1	Lepomis sp.	46	1.7		
109	1	Lepomis sp.	52	2.0		
110	1	Lepomis sp.	46	1.5		
111	1	Lepomis sp.	54	2.2		
112	1	Lepomis sp.	49	2.1		
113	1	Lepomis sp.	56	2.7		
114	1	Lepomis sp.	46	1.4		
115	1	Lepomis sp.	50	1.6		
116	1	Lepomis sp.	46	1.5		
117	1	Lepomis sp.	46	1.5		
118	1	Lepomis sp.	50	1.8		
119	1	Lepomis sp.	49	2.0		
120	1	Lepomis sp.	55	2.4		
121	1	Lepomis sp.	49	1.6		
122	26	Lepomis spp.		38		
123	2	Rock Bass		2.7		
124	1	Bluegill	55	2.5		
125	1	Rock Bass	50	2.0		
126	1	Yellow Perch	66	46		

(CONTINUED)
END TIME: April 10, 1994 6:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.0 hours
SAMPLE : 15373

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
127	1	Yellow Perch	129	22		
128	1	Yellow Perch	165	56		
129	1	Yellow Perch	210	109		
130	1	Yellow Perch	170	48		
131	1	Yellow Perch	135	24		
132	1	Yellow Perch	160	49		
133	1	Yellow Perch	143	27		
134	1	Yellow Perch	155	41		
135	1	Yellow Perch	140	26		
136	1	Yellow Perch	127	21		
137	1	Yellow Perch	125	20		
138	1	Yellow Perch	152	37		
139	1	Yellow Perch	130	24		
140	1	Yellow Perch	121	18		
141	1	Yellow Perch	82	5.1		
142	1	Yellow Perch	129	22		
143	1	Yellow Perch	135	23		
144	1	Yellow Perch	96	8.9		
145	1	Yellow Perch	165	46		
146	1	Yellow Perch	120	17		
147	1	Yellow Perch	119	16		
148	1	Yellow Perch	77	3.9		
149	1	Yellow Perch	85	5.7		
150	1	Yellow Perch	96	8.8		
151	1	Yellow Perch	82	4.9		
152	1	Yellow Perch	87	6.0		
153	1	Yellow Perch	87	5.7		
154	1	Yellow Perch	77	4.3		
155	1	Yellow Perch	86	6.3		
156	29	Yellow Perch		114		
157	1	Golden Shiner	160	46		
158	1	Golden Shiner	126	21		
159	1	Yellow Perch	77	4.0		
160	1	Yellow Perch	66	2.6		
161	1	Chain Pickerel	115	7.9		
162	1	Smallmouth Bass	86	8.3		
163	1	Smallmouth Bass	86	8.8		
164	1	Smallmouth Bass	76	5.3		
165	1	Smallmouth Bass	80	6.0		
166	1	Smallmouth Bass	72	4.4		
167	1	Smallmouth Bass	74	4.2		
168	1	Smallmouth Bass	71	4.0		
169	1	Largemouth Bass	81	5.6		
170	1	Brown Bullhead	85	7.1		
171	1	Brown Bullhead	95	9.6		
172	1	Brown Bullhead	94	8.6		
173	1	Brown Bullhead	95	9.8		
174	1	Brown Bullhead	75	4.3		
175	1	Yellow Bullhead	95	8.5		
176	1	Yellow Bullhead	84	6.2		
177	1	Yellow Bullhead	80	5.1		
178	1	Yellow Bullhead	75	4.0		
179	1	Yellow Bullhead	74	3.9		
180	1	Yellow Bullhead	84	6.0		
181	1	Yellow Bullhead	80	5.0		
182	1	Yellow Bullhead	99	10		
183	1	Yellow Bullhead	90	6.7		
184	1	Yellow Bullhead	77	4.5		
185	1	Yellow Bullhead	55	1.4		
186	1	Yellow Bullhead	50	1.4		
187	1	Sea Lamprey	150	4.7		
188	1	Sea Lamprey	160	3.8		
189	1	Sea Lamprey	152	4.4		

(CONTINUED)
END TIME: April 10, 1994 6:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.0 hours
SAMPLE : 15373

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
190	1	Sea Lamprey	131	2.2		
191	1	Sea Lamprey	126	3.1		
192	1	Sea Lamprey	153	3.6		
193	1	Sea Lamprey	71	3.8		
194	1	Yellow Perch	66	1.8		
195	1	Mimic Shiner	65	2.0		
196	1	Spottail Shiner	71	2.9		
197	1	Spottail Shiner	76	3.9		
198	1	Spottail Shiner	70	2.5		
199	1	Spottail Shiner	66	1.7		
200	1	Spottail Shiner	97	7.0		
201	1	Spottail Shiner	71	2.8		
202	1	Spottail Shiner	94	5.6		
203	1	Spottail Shiner	80	4.2		
204	1	Spottail Shiner	96	7.1		
205	1	Spottail Shiner	71	3.1		
206	1	Spottail Shiner	74	3.1		
207	1	Spottail Shiner	74	3.8		
208	1	Spottail Shiner	65	2.1		
209	1	Spottail Shiner	96	6.6		
210	1	Spottail Shiner	79	4.4		
211	1	Spottail Shiner	80	4.5		
212	1	Spottail Shiner	80	4.6		
213	1	Spottail Shiner	73	3.3		
214	1	Spottail Shiner	70	3.0		
215	1	Spottail Shiner	80	4.0		
216	1	Spottail Shiner	75	3.3		
217	1	Spottail Shiner	82	4.7		
218	1	Spottail Shiner	80	4.6		
219	1	Spottail Shiner	82	5.2		
220	1	Spottail Shiner	69	3.2		
221	1	Spottail Shiner	75	3.7		
222	1	Spottail Shiner	75	3.6		
223	1	Spottail Shiner	73	3.1		
224	1	Spottail Shiner	80	4.6		
225	1	Spottail Shiner	101	8.7		
226	51	Spottail Shiner		208		
227	27	Spottail Shiner		94		
228	1	Smallmouth Bass	71	4.9		
229	1	Mimic Shiner	30	0.6		
230	1	Mimic Shiner	30	0.3		

END TIME: April 11, 1994 10:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 28.5 hours
SAMPLE : 15374

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	55	2.8		
2	1	Rock Bass	48	1.6		
3	1	Rock Bass	35	1.0		
4	1	Rock Bass	47	1.5		
5	1	Rock Bass	43	1.3		
6	1	Spottail Shiner	66	2.2		
7	1	Sea Lamprey	146	5.1		
8	1	Sea Lamprey	159	5.7		

END TIME: April 18, 1994 11:05
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 168.6 hours
SAMPLE : 15381

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	207	74		
3	1	Atlantic Salmon	189	56		
5	1	Atlantic Salmon	189	58		

END TIME: April 19, 1994 8:10
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.1 hours
SAMPLE : 15382

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	203	67		
3	1	Northern Pike	480	909		
4	1	Bluegill	205	185		
5	1	Chain Pickerel	160	22		
6	1	Yellow Perch	205	111		
7	1	Yellow Perch	168	49		
9	1	Walleye	195	60		
10	1	Yellow Perch	70	3.5		
11	1	Brown Bullhead	95	10		
12	1	White Sucker	105	12		
13	1	Spottail Shiner	76	4.1		
14	1	Spottail Shiner	80	4.6		
15	1	Spottail Shiner	76	4.2		
16	1	Spottail Shiner	82	5.4		
17	1	Spottail Shiner	72	3.3		

END TIME: April 20, 1994 8:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.8 hours
SAMPLE : 15383

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	209	75		
2	1	Atlantic Salmon	183	46		
3	1	Atlantic Salmon	163	42		
4	1	Atlantic Salmon	181	45		
5	1	Atlantic Salmon	206	68		
6	1	Atlantic Salmon	160	32		
7	1	Bluegill	176	109		
8	1	Bluegill	170	104		
9	1	Bluegill	194	185		
10	1	Bluegill	202	188		
11	1	Bluegill	141	63		
12	1	Bluegill	174	111		
13	1	Bluegill	191	129		
14	1	Bluegill	150	67		
15	1	Chain Pickerel	172	30		
16	1	Chain Pickerel	162	23		
17	1	Yellow Perch	183	74		
18	1	Yellow Perch	165	49		
19	1	Yellow Perch	164	46		
20	1	Yellow Perch	172	52		
21	1	Yellow Perch	167	53		
22	1	Yellow Perch	145	36		
23	1	Yellow Perch	130	23		
24	1	Yellow Perch	126	22		
25	1	Yellow Perch	135	27		
26	1	Rock Bass	123	37		
27	1	Golden Shiner	153	42		
28	1	Golden Shiner	110	11		
29	1	Golden Shiner	126	19		
30	1	Golden Shiner	125	18		
31	1	Golden Shiner	106	13		
32	1	Golden Shiner	125	18		
33	1	Yellow Perch	146	34		
34	1	Lepomis sp.	55	2.7		
35	1	Lepomis sp.	50	2.3		
36	1	Smallmouth Bass	105	14		
37	1	Smallmouth Bass	82	6.3		
38	1	Smallmouth Bass	83	8.1		
39	1	Smallmouth Bass	75	5.1		
40	1	Smallmouth Bass	85	8.9		
41	1	White Sucker	112	15		
42	1	Yellow Bullhead	67	4.4		
43	1	Spottail Shiner	102	11		
44	1	Spottail Shiner	100	10		
45	1	Spottail Shiner	71	3.4		
46	1	Spottail Shiner	74	4.7		
47	1	Spottail Shiner	94	8.1		
48	1	Spottail Shiner	85	5.8		
49	1	Spottail Shiner	80	5.4		
50	1	Spottail Shiner	89	7.6		
51	1	Spottail Shiner	85	5.7		
52	1	Spottail Shiner	90	7.0		
53	1	Spottail Shiner	80	5.3		
54	1	Spottail Shiner	76	4.2		
55	1	Spottail Shiner	82	5.3		
56	1	Spottail Shiner	75	4.3		
57	1	Spottail Shiner	71	3.7		
58	1	Spottail Shiner	78	5.2		
59	1	Spottail Shiner	74	3.6		
60	1	Spottail Shiner	72	3.1		
61	1	Spottail Shiner	72	3.0		
62	1	Spottail Shiner	94	6.6		
63	1	Spottail Shiner	79	4.0		

(CONTINUED)
END TIME: April 20, 1994 8:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.8 hours
SAMPLE : 15383

Fish ID	Number of fish	Species	Length (mm)	We ght (g)	Annuli (number)	Tag Number
64	1	Spottail Shiner	72	0.4		
65	1	Spottail Shiner	72	3.5		
66	1	Spottail Shiner	70	3.1		
67	1	Spottail Shiner	72	3.3		
68	1	Spottail Shiner	74	3.8		
69	1	Spottail Shiner	76	3.8		
70	1	Spottail Shiner	81	4.8		
71	1	Spottail Shiner	75	3.5		
72	1	Spottail Shiner	85	5.1		
73	1	Spottail Shiner	82	4.2		
74	1	Spottail Shiner	76	4.1		
75	1	Spottail Shiner	71	3.2		
76	1	Spottail Shiner	70	3.2		
77	1	Spottail Shiner	72	3.1		
78	1	Spottail Shiner	74	4.3		
79	19	Spottail Shiner		66		

END TIME: April 21, 1994 12:56
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 28.9 hours
SAMPLE : 15384

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	193	57		
3	1	Atlantic Salmon	188	57		
5	1	Atlantic Salmon	149	21		
7	1	Yellow Perch	177	58		
8	1	Yellow Perch	164	48		
9	1	Yellow Perch	154	42		
10	1	Yellow Perch	163	42		
11	1	Yellow Perch	167	54		
12	1	Yellow Perch	160	42		
13	1	Yellow Perch	205	104		
14	1	Yellow Perch	154	39		
15	1	Yellow Perch	178	60		
16	1	Yellow Perch	147	32		
17	1	Yellow Perch	140	27		
18	1	Yellow Perch	134	22		
19	1	Yellow Perch	135	20		
20	1	Yellow Perch	105	11		
21	1	Yellow Perch	82	5.3		
22	1	Yellow Perch	79	4.4		
23	1	Yellow Perch	71	3.6		
24	1	Rock Bass	182	142		
25	1	Rock Bass	148	64		
26	1	Rock Bass	157	91		
27	1	Rock Bass	95	14		
28	1	Rock Bass	86	11		
29	1	Rock Bass	85	10		
30	1	Bluegill	175	96		
31	1	Bluegill	161	95		
32	1	Bluegill	178	121		
33	1	Bluegill	179	127		
34	1	Bluegill	163	93		
35	1	Bluegill	172	98		
36	1	Bluegill	197	152		
37	1	Bluegill	186	130		
38	1	Bluegill	190	149		
39	1	Bluegill	152	70		
40	1	Bluegill	144	60		
41	1	Bluegill	171	91		
42	1	Bluegill	146	65		
43	1	Bluegill	168	100		
44	1	Bluegill	150	61		
45	1	Bluegill	181	109		
46	1	Bluegill	180	148		
47	1	Bluegill	190	121		
48	1	Bluegill	165	95		
49	1	Bluegill	177	110		
50	1	Bluegill	162	89		
51	1	Bluegill	192	140		
52	1	Bluegill	163	87		
53	1	Bluegill	150	76		
54	1	Bluegill	169	101		
55	1	Bluegill	180	108		
56	1	Bluegill	155	72		
57	1	Pumpkinseed	162	102		
58	1	Pumpkinseed	126	35		
59	1	Pumpkinseed	73	6.2		
60	1	Pumpkinseed	59	3.5		
61	1	Lepomis sp.	50	2.1		
62	1	Lepomis sp.	50	2.0		
63	1	Lepomis sp.	49	1.7		
64	1	Lepomis sp.	45	1.3		
65	1	Lepomis sp.	44	1.4		
66	1	Lepomis sp.	50	1.8		

(CONTINUED)
END TIME: April 21, 1994 12:56
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 28.9 hours
SAMPLE : 15384

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
67	1	Lepomis sp.	46	1.5		
68	1	Rock Bass	47	2.1		
69	1	Smallmouth Bass	85	8.0		
70	1	Smallmouth Bass	80	7.0		
71	1	White Sucker	80	4.4		
72	1	Golden Shiner	40	22		
73	1	Golden Shiner	146	31		
74	1	Golden Shiner	150	39		
75	1	Golden Shiner	119	13		
76	1	Golden Shiner	126	17		
77	1	Golden Shiner	115	12		
78	1	Golden Shiner	124	17		
79	1	Golden Shiner	114	13		
80	1	Golden Shiner	90	8.5		
81	1	Golden Shiner	95	8.1		
82	1	Golden Shiner	97	8.0		
83	1	Golden Shiner	97	7.7		
84	1	Golden Shiner	104	9.5		
85	1	Golden Shiner	100	9.0		
86	1	Golden Shiner	97	6.8		
87	1	Golden Shiner	90	6.4		
88	1	Golden Shiner	155	34		
89	1	Chain Pickerel	165	25		
90	1	Chain Pickerel	216	61		
91	1	Chain Pickerel	216	50		
92	1	Yellow Bullhead	135	26		
93	1	Brown Bullhead	89	9.0		
94	1	Smallmouth Bass	90	8.3		
95	1	Sea Lamprey	124	2.3		
96	1	Sea Lamprey	134	3.4		
97	1	Notropis sp.	96	6.5		
98	1	Notropis sp.	100	7.5		
99	1	Notropis sp.	96	8.5		
100	1	Smallmouth Bass	76	5.8		
101	1	Notropis sp.	74	3.4		
102	1	Notropis sp.	79	4.1		
103	1	Notropis sp.	90	6.3		
104	1	Notropis sp.	80	3.9		
105	1	Notropis sp.	84	5.4		
106	1	Notropis sp.	74	2.9		
107	1	Notropis sp.	89	5.6		
108	1	Notropis sp.	75	3.1		
109	1	Notropis sp.	85	5.1		
110	1	Notropis sp.	75	3.1		
111	1	Notropis sp.	73	3.2		
112	1	Notropis sp.	80	3.8		
113	1	Notropis sp.	75	3.3		
114	1	Notropis sp.	75	3.2		
115	1	Notropis sp.	86	6.5		
116	1	Notropis sp.	80	4.4		
117	1	Notropis sp.	75	4.2		
118	1	Notropis sp.	76	3.4		
119	1	Notropis sp.	73	3.1		
120	1	Notropis sp.	78	3.8		
121	1	Notropis sp.	90	8.0		
122	1	Notropis sp.	77	4.1		
123	1	Notropis sp.	78	4.1		
124	1	Notropis sp.	80	4.4		
125	1	Notropis sp.	80	4.1		
126	1	Notropis sp.	75	3.3		
127	1	Notropis sp.	72	2.7		
128	80	Notropis spp.		298		
129	1	Lepomis sp.	2	44		

END TIME: April 22, 1994 8:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 19.1 hours
SAMPLE : 15385

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Sea Lamprey	135	3.0		
2	1	Sea Lamprey	137	2.9		
3	1	Sea Lamprey	110	2.1		
4	1	Sea Lamprey	125	2.2		
5	1	Sea Lamprey	130	2.4		
6	1	Sea Lamprey	127	2.0		
7	1	Sea Lamprey	101	3.1		
8	1	Sea Lamprey	125	3.6		
9	1	Sea Lamprey	145	4.9		
10	1	Sea Lamprey	132	2.9		
11	1	Sea Lamprey	134	3.2		
12	1	Sea Lamprey	131	3.0		
13	1	Sea Lamprey	122	3.1		
14	1	Sea Lamprey	138	3.0		
15	1	Sea Lamprey	127	3.9		
16	1	Sea Lamprey	130	3.7		
17	1	Sea Lamprey	136	3.2		
18	1	Sea Lamprey	130	3.6		
19	1	Sea Lamprey	151	3.4		
20	1	Sea Lamprey	127	2.5		
21	1	Sea Lamprey	140	2.3		
22	1	Sea Lamprey	152	3.5		
23	1	Sea Lamprey	140	2.5		
24	1	Sea Lamprey	130	2.3		
25	1	Sea Lamprey	124	2.4		
26	1	Sea Lamprey	124	1.9		
27	1	Sea Lamprey	115	1.8		
28	1	Brown Bullhead	90	8.7		
29	1	Brown Bullhead	92	8.9		
30	1	Lepomis sp.	42	1.3		
31	1	Lepomis sp.	35	1.2		
32	1	Lepomis sp.	41	1.0		
33	1	Rock Bass	52	2.4		
34	1	Rock Bass	36	1.0		
35	1	Spottail Shiner	75	3.8		
36	1	Spottail Shiner	80	4.5		
37	1	Spottail Shiner	72	3.1		
38	1	Spottail Shiner	71	3.8		
39	1	Spottail Shiner	77	3.4		
40	1	Spottail Shiner	79	3.2		
41	1	Spottail Shiner	80	4.5		
42	1	Spottail Shiner	80	3.9		
43	1	Spottail Shiner	74	3.0		
44	1	Spottail Shiner	71	3.2		
45	1	Spottail Shiner	74	3.4		

END TIME: April 23, 1994 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 27.0 hours
SAMPLE : 15386

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	225	259		
2	1	Bluegill	162	70		
3	1	Bluegill	179	137		
4	1	Bluegill	163	80		
5	1	Bluegill	127	39		
6	1	Bluegill	158	74		
7	1	Bluegill	181	108		
8	1	Bluegill	205	176		
9	1	Bluegill	199	211		
10	1	Bluegill	174	99		
11	1	Bluegill	165	100		
12	1	Bluegill	164	95		
13	1	Bluegill	154	65		
14	1	Bluegill	154	68		
15	1	Bluegill	144	53		
16	1	Bluegill	187	126		
17	1	Bluegill	177	103		
18	1	Yellow Perch	176	59		
19	1	Chain Pickerel	265	118		
20	1	Chain Pickerel	325	209		
21	1	Chain Pickerel	266	130		
22	1	Chain Pickerel	242	79		
23	1	Rock Bass	145	67		
24	1	Rock Bass	183	129		
25	1	Rock Bass	186	143		
26	1	Rock Bass	200	173		
27	1	Rock Bass	167	94		
28	1	Rock Bass	143	65		
29	1	Rock Bass	143	56		
30	1	Yellow Perch	131	26		
31	1	Yellow Perch	140	31		
32	1	Yellow Perch	150	42		
33	1	Yellow Perch	173	64		
34	1	Yellow Perch	127	23		
35	1	Golden Shiner	199	89		
36	1	Bluegill	176	123		
37	1	Bluegill	162	83		
38	1	Rock Bass	182	121		
39	1	Rock Bass	158	72		
40	1	Bluegill	183	116		
41	1	Bluegill	157	80		
42	1	Bluegill	146	60		
43	1	Rock Bass	106	24		
44	1	Rock Bass	105	23		
45	1	Bluegill	142	53		
46	1	Bluegill	175	107		
47	1	Rock Bass	106	24		
48	1	Golden Shiner	151	37		
49	1	Brown Bullhead	174	66		
50	1	Yellow Perch	176	60		
51	1	Yellow Perch	154	40		
52	1	Yellow Perch	133	27		
53	1	Yellow Perch	173	55		
54	1	Yellow Perch	116	18		
55	1	Yellow Perch	98	10		
56	1	Yellow Perch	141	29		
57	1	Bluegill	105	23		
58	15	Bluegill		49		
59	1	Smallmouth Bass	11			
60	1	Golden Shiner	117	14		
61	10	Bluegill		24		
62	1	Sea Lamprey	122	1.6		
63	1	Smallmouth Bass	81	5.1		

(CONTINUED)
END TIME: April 23, 1994 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 27.0 hours
SAMPLE : 15386

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Yellow Perch	84	5.8		
65	1	Yellow Perch	89	6.6		
66	1	Yellow Perch	78	3.7		
67	1	Yellow Perch	68	2.6		
68	1	Yellow Perch	70	2.8		
69	1	Yellow Perch	64	2.0		
70	1	Spottail Shiner	71	2.7		
71	1	Spottail Shiner	89	7.1		
72	1	Spottail Shiner	97	6.9		
73	1	Spottail Shiner	77	4.4		
74	1	Spottail Shiner	97	8.9		
75	1	Spottail Shiner	93	7.5		
76	1	Spottail Shiner	78	4.2		
77	1	Spottail Shiner	79	4.8		
78	1	Spottail Shiner	73	3.7		
79	1	Spottail Shiner	79	5.1		
80	1	Spottail Shiner	75	3.9		
81	1	Spottail Shiner	72	3.4		
82	1	Spottail Shiner	75	3.9		
83	1	Spottail Shiner	80	5.1		
84	1	Spottail Shiner	81	5.4		
85	1	Spottail Shiner	75	4.4		
86	1	Spottail Shiner	92	8.2		
87	1	Spottail Shiner	80	4.9		
88	1	Spottail Shiner	81	4.2		
89	1	Spottail Shiner	78	4.6		
90	1	Spottail Shiner	75	3.7		
91	1	Spottail Shiner	85	5.6		
92	1	Spottail Shiner	80	4.6		
93	1	Spottail Shiner	70	4.2		
94	1	Spottail Shiner	75	3.8		
95	1	Spottail Shiner	76	4.3		
96	1	Spottail Shiner	71	3.6		
97	1	Spottail Shiner	73	3.6		
98	1	Spottail Shiner	77	4.1		
99	1	Spottail Shiner	79	5.7		
100	1	Spottail Shiner	80	5.4		
101	59	Spottail Shiner		227		
102	1	Yellow Perch	160	47		
103	1	Yellow Perch	130	25		
104	1	Yellow Perch	124	22		
105	1	Yellow Perch	132	24		
106	1	Walleye	165	34		
107	1	Yellow Perch	87	6.7		
108	1	Yellow Perch	79	4.3		
109	1	Yellow Perch	80	5.2		
110	1	Yellow Perch	74	4.7		
111	1	Yellow Perch	76	4.2		
112	1	Yellow Perch	75	3.4		
113	1	Yellow Perch	92	6.7		
114	1	Yellow Perch	78	4.2		
115	1	Yellow Perch	82	5.2		
116	1	Yellow Perch	74	3.5		
117	13	Yellow Perch		45		
118	1	Rock Bass	90	15		
119	1	Rock Bass	54	2.9		
120	1	Rock Bass	45	1.6		
121	1	Rock Bass	43	1.5		
122	1	Rock Bass	48	1.8		
123	1	Rock Bass	50	2.0		
124	1	Rock Bass	40	1.1		
125	1	Rock Bass	39	1.0		
126	1	Rock Bass	45	1.7		

(CONTINUED)
END TIME: April 23, 1994 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 27.0 hours
SAMPLE : 15386

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
127	1	Brown Bullhead	57	2.7		
128	5	Bluegill		53		
129	1	Sea Lamprey	92	2.3		
130	1	Golden Shiner	114	12		
131	1	Yellow Perch	77	4.9		
132	66	Spottail Shiner		273		
133	1	Bluegill	47	1.7		
134	1	Smallmouth Bass	67	3.8		

END TIME: April 24, 1994 7:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.5 hours
SAMPLE : 15387

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	223	258		
2	1	Bluegill	53	2.3		
3	1	Bluegill	53	2.4		
4	1	Bluegill	43	1.5		
5	1	Bluegill	47	1.8		
6	1	Golden Shiner	137	27		
7	1	Yellow Perch	208	119		
8	1	Yellow Perch	153	35		
9	1	Yellow Perch	128	24		
10	1	Yellow Perch	72	4.1		
11	1	Yellow Perch	67	3.5		
12	1	Yellow Perch	75	4.4		
13	1	Yellow Perch	78	5.2		
14	1	Spottail Shiner	78	4.6		
15	1	Spottail Shiner	74	3.8		
16	1	Spottail Shiner	72	4.0		
17	1	Spottail Shiner	86	5.8		
18	1	Spottail Shiner	75	5.0		
19	1	Spottail Shiner	77	5.1		
20	1	Spottail Shiner	77	4.8		

END TIME: April 25, 1994 13:25
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 29.9 hours
SAMPLE : 15392

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	Yellow Perch	113	14		
2	1	Yellow Perch	70	4.0		
3	1	Yellow Perch	76	4.8		
4	1	Yellow Perch	91	7.9		
5	1	Yellow Perch	73	4.0		
6	1	Yellow Perch	86	6.5		
7	1	Yellow Perch	79	5.9		
8	1	Yellow Perch	65	3.1		
9	1	Rock Bass	131	41		
10	1	Rock Bass	83	11		
11	1	Rock Bass	47	2.2		
12	1	Rock Bass	54	3.2		
13	1	Rock Bass	61	5.1		
14	1	Bluegill	52	2.5		
15	1	Bluegill	50	2.5		
16	1	Bluegill	57	3.0		
17	1	Bluegill	59	3.4		
18	1	Smallmouth Bass	68	4.7		
19	1	Notropis sp.	55	1.6		
20	1	Spottail Shiner	65	3.6		
21	1	Spottail Shiner	99	8.3		
22	1	Spottail Shiner	74	3.5		
23	1	Spottail Shiner	82	5.2		
24	1	Spottail Shiner	75	4.1		
25	1	Spottail Shiner	67	3.0		
26	1	Spottail Shiner	76	3.9		

END TIME: May 3, 1994 14:40
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 193.3 hours
SAMPLE : 15397

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	183	38		

END TIME: May 4, 1994 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.3 hours
SAMPLE : 15401

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	142	28		
2	1	Yellow Perch	82	5.7		
3	1	Yellow Perch	77	4.0		
4	1	Yellow Perch	78	3.8		
5	1	Yellow Perch	82	5.5		
6	1	Yellow Perch	85	6.0		
7	1	Yellow Perch	80	5.0		
8	1	Yellow Perch	76	4.1		
9	1	Yellow Perch	73	3.7		
10	1	Yellow Perch	72	3.6		
11	1	Yellow Perch	63	2.3		
12	1	Yellow Perch	72	3.6		
13	1	Yellow Perch	77	5.0		
14	1	Yellow Perch	82	6.1		
15	1	Yellow Perch	82	5.3		
16	1	Yellow Perch	64	2.9		
17	1	Sea Lamprey	117	1.9		
18	1	Spottail Shiner	79	3.7		
19	1	Spottail Shiner	86	4.6		
20	1	Spottail Shiner	78	4.1		
21	1	Lepomis sp.	42	1.2		
22	1	Lepomis sp.	43	1.3		
23	1	Lepomis sp.	44	1.5		
24	1	Lepomis sp.	44	1.5		
25	1	Rock Bass	50	3.2		
26	1	Rock Bass	51	2.5		
27	1	Rock Bass	52	2.6		
28	1	Bluegill	55	2.6		
29	1	Bluegill	54	3.0		
30	1	Bluegill	51	2.1		
31	1	Bluegill	50	1.9		
32	1	Brown Bullhead	58	2.8		
33	1	Brown Bullhead	74	4.4		
34	1	Brown Bullhead	69	4.4		
35	1	Brown Bullhead	86	6.5		
36	1	Brown Bullhead	86	7.3		

END TIME: May 5, 1994 10:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.0 hours
SAMPLE : 15402

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	189	173		
2	1	Bluegill	159	87		
3	1	Rock Bass	100	23		
4	1	Rock Bass	104	22		
5	1	Golden Shiner	157	47		
6	1	Yellow Perch	168	55		
7	1	Yellow Perch	162	45		
8	1	Yellow Perch	151	40		
9	1	Yellow Perch	117	16		
10	1	Yellow Perch	137	28		
11	1	Yellow Perch	114	16		
12	1	Yellow Perch	84	5.1		
13	1	Yellow Perch	88	7.3		
14	1	Yellow Perch	87	6.7		
15	1	Yellow Perch	87	6.5		
16	1	Yellow Perch	68	2.9		
17	1	Yellow Perch	86	6.1		
18	1	Yellow Perch	73	3.5		
19	1	Yellow Perch	80	5.0		
20	1	Yellow Perch	73	3.7		
21	1	Yellow Perch	72	3.6		
22	1	Yellow Perch	80	4.8		
23	1	Yellow Perch	81	4.8		
24	1	Yellow Perch	84	5.7		
25	1	Yellow Perch	75	3.6		
26	1	Yellow Perch	87	7.0		
27	1	Yellow Perch	83	5.5		
28	1	Yellow Perch	75	3.5		
29	1	Yellow Perch	83	5.8		
30	1	Yellow Perch	82	4.9		
31	1	Yellow Perch	88	6.7		
32	1	Yellow Perch	75	4.0		
33	1	Yellow Perch	83	5.8		
34	1	Yellow Perch	82	5.5		
35	1	Yellow Perch	80	5.0		
36	1	Yellow Perch	88	5.1		
37	1	Yellow Perch	72	4.4		
38	1	Yellow Perch	64	2.9		
39	1	Yellow Perch	79	4.7		
40	1	Yellow Perch	76	4.4		
41	1	Yellow Perch	91	8.0		
42	1	Yellow Perch	88	7.0		
43	1	Yellow Perch	79	5.1		
44	1	Yellow Perch	82	5.4		
45	1	Yellow Perch	83	5.7		
46	1	Yellow Perch	78	5.3		
47	1	Yellow Perch	71	3.6		
48	1	Yellow Perch	76	4.1		
49	1	Yellow Perch	69	3.7		
50	1	Yellow Perch	73	4.1		
51	1	Yellow Perch	75	4.0		
52	1	Yellow Perch	80	4.6		
53	1	Yellow Perch	81	5.4		
54	1	Spottail Shiner	85	6.3		
55	1	Spottail Shiner	92	5.5		
56	1	Spottail Shiner	77	4.0		
57	1	Spottail Shiner	73	3.3		
58	1	Spottail Shiner	72	3.5		
59	1	Brown Bullhead	166	56		
60	1	Brown Bullhead	91	8.8		
61	1	Brown Bullhead	92	9.8		
62	1	Brown Bullhead	90	9.1		
63	1	Brown Bullhead	88	8.3		

(CONTINUED)
END TIME: May 5, 1994 10:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.0 hours
SAMPLE : 15402

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Brown Bullhead	61	3.8		
65	1	Brown Bullhead	65	4.1		
66	1	Brown Bullhead	57	2.7		
67	1	Brown Bullhead	72	4.9		
68	1	Brown Bullhead	58	2.9		
69	1	Brown Bullhead	73	4.6		
70	1	Brown Bullhead	65	3.6		
71	1	Brown Bullhead	64	3.6		
72	1	Brown Bullhead	69	4.5		
73	1	Brown Bullhead	59	2.3		
74	1	Smallmouth Bass	88	7.6		
75	1	Lepomis sp.	48	1.8		
76	1	Lepomis sp.	45	6.6		
77	1	Lepomis sp.	47	1.4		
78	1	Lepomis sp.	48	1.9		
79	1	Lepomis sp.	47	1.9		
80	1	Lepomis sp.	46	1.8		
81	1	Lepomis sp.	37	0.9		
82	1	Rock Bass	47	1.7		
83	1	Rock Bass	57	3.1		
84	1	Rock Bass	50	2.1		
85	1	Rock Bass	55	3.4		
86	1	Rock Bass	50	2.3		
87	1	Rock Bass	59	3.6		
88	1	Rock Bass	62	4.3		
89	1	Rock Bass	51	2.7		
90	1	Rock Bass	49	2.5		
91	1	Rock Bass	58	3.3		
92	1	Rock Bass	49	2.0		
93	1	Rock Bass	47	2.0		
94	1	Rock Bass	56	2.9		
95	1	Rock Bass	54	2.3		
96	1	Rock Bass	47	2.0		
97	1	Bluegill	47	1.9		
98	1	Bluegill	52	2.3		
99	1	Bluegill	55	2.7		
100	1	Bluegill	54	3.0		
101	1	Bluegill	47	1.8		

END TIME: May 6, 1994 8:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 22.8 hours
SAMPLE : 15403

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	119	45		
2	1	Rock Bass	105	22		
3	1	Rock Bass	97	18		
4	1	Yellow Perch	158	41		
5	1	Yellow Perch	167	49		
6	1	Yellow Perch	143	32		
7	1	Yellow Perch	137	27		
8	1	Yellow Perch	128	22		
9	1	Yellow Perch	124	19		
10	1	Yellow Perch	163	48		
11	1	Yellow Perch	114	15		
12	1	Yellow Perch	78	6.0		
13	1	Yellow Perch	81	4.8		
14	1	Yellow Perch	71	3.2		
15	1	Yellow Perch	83	56		
16	1	Yellow Perch	72	3.6		
17	1	Yellow Perch	73	3.3		
18	1	Yellow Perch	80	5.1		
19	1	Yellow Perch	77	3.8		
20	1	Yellow Perch	71	3.5		
21	1	Yellow Perch	65	2.6		
22	1	Yellow Perch	85	5.5		
23	1	Yellow Perch	82	5.6		
24	1	Yellow Perch	75	3.8		
25	1	Yellow Perch	73	3.7		
26	1	Yellow Perch	77	4.2		
27	1	Yellow Perch	80	4.1		
28	1	Yellow Perch	75	3.6		
29	1	Yellow Perch	72	3.2		
30	1	Yellow Perch	73	3.1		
31	1	Yellow Perch	82	4.9		
32	1	Yellow Perch	80	4.8		
33	1	Yellow Perch	70	2.9		
34	1	Yellow Perch	80	4.6		
35	1	Yellow Perch	70	3.2		
36	1	Yellow Perch	70	2.8		
37	1	Yellow Perch	73	3.7		
38	1	Yellow Perch	67	2.4		
39	1	Yellow Perch	68	2.9		
40	1	Yellow Perch	75	5.3		
41	1	Spottail Shiner	75	2.8		
42	1	Spottail Shiner	85	4.4		
43	1	Spottail Shiner	76	3.5		
44	1	Spottail Shiner	73	2.7		
45	1	Spottail Shiner	77	2.8		
46	1	Rock Bass	48	1.5		
47	1	Rock Bass	54	3.1		
48	1	Rock Bass	58	3.4		
49	1	Rock Bass	48	1.6		
50	1	Pumpkinseed	71	6.3		
51	1	Rock Bass	55	2.6		
52	1	Rock Bass	54	3.1		
53	1	Rock Bass	50	2.5		
54	1	Rock Bass	50	2.3		
55	1	Rock Bass	47	2.1		
56	1	Rock Bass	49	2.1		
57	1	Rock Bass	50	1.6		
58	1	Rock Bass	47	1.6		
59	1	Rock Bass	38	1.5		
60	1	Rock Bass	42	1.6		
61	1	Lepomis sp.	39	1.2		
62	1	Brown Bullhead	70	4.0		
63	1	Brown Bullhead	69	3.6		

(CONTINUED)
END TIME: May 6, 1994 8:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 22.8 hours
SAMPLE : 15403

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Brown Bullhead	80	4.8		
65	1	Bluegill	51	1.9		
66	1	Bluegill	50	1.8		
67	1	Bluegill	48	1.3		
68	1	Bluegill	50	1.6		
69	1	Lepomis sp.	46	1.4		
70	1	Lepomis sp.	43	1.4		
71	1	Lepomis sp.	40	1.0		
72	1	Lepomis sp.	45	1.3		

END TIME: May 10, 1994 14:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 101.8 hours
SAMPLE : 15404

No catch for this collection.

END TIME: May 11, 1994 13:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.0 hours
SAMPLE : 15405

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	White Perch	271	360		
2	1	Yellow Perch	175	61		
3	1	Yellow Perch	122	43		
4	1	Yellow Perch	127	23		
5	1	Yellow Perch	73	3.2		
6	1	Yellow Perch	79	4.7		
7	1	Yellow Perch	78	3.9		
8	1	Yellow Perch	75	3.8		
9	1	Yellow Perch	77	4.2		
10	1	Yellow Perch	74	3.9		
11	1	Yellow Perch	64	3.0		
12	1	Yellow Perch	63	2.1		
13	1	Bluegill	135	46		
14	1	Bluegill	54	2.1		
15	1	Bluegill	57	2.4		
16	1	Rock Bass	50	1.9		
17	1	Rock Bass	52	2.1		
18	1	Rock Bass	54	2.4		
19	1	Rock Bass	53	2.3		
20	1	Rock Bass	55	2.5		
21	1	Lepomis sp.	43	1.1		
22	1	Spottail Shiner	107	10		
23	1	Brown Bullhead	75	4.4		

END TIME: May 16, 1994 13:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 120.0 hours
SAMPLE : 15422

No catch for this collection.

END TIME: May 17, 1994 13:48
LOCATION: Rum Point
METHOD : Trap net, 21.1 hours
SAMPLE : 15423

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	475	1740	7	
2	1	Yellow Perch	169	38	2	
3	1	Yellow Perch	176	41	2	
4	1	Rock Bass	195	142		
5	1	Rock Bass	185	136		
6	1	White Sucker	460	1150		
7	1	White Sucker	481	1140		
8	1	Pumpkinseed	191	118		

END TIME: May 17, 1994 14:50
LOCATION: Station 5-Vermont
METHOD : Trap net, 22.0 hours
SAMPLE : 15424

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	250	331		
2	1	Rock Bass	196	165		
3	1	Pumpkinseed	186	170		

END TIME: May 17, 1994 14:10
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 21.2 hours
SAMPLE : 15425

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Common Carp	569	2650		
2	1	Yellow Perch	265	175	6	
3	1	Yellow Perch	236	146	5	
4	1	Yellow Perch	216	105	3	
5	1	Yellow Perch	220	99	4	
6	1	Yellow Perch	250	111	6	
7	1	Yellow Perch	281	235	6	
8	1	Yellow Perch	246	156	5	
9	1	Yellow Perch	205	91	3	
10	1	Yellow Perch	179	62	2	
11	1	Yellow Perch	206	102	3	
12	1	Yellow Perch	154	36	2	
13	1	Yellow Perch	280	237	5	
14	1	Yellow Perch	253	196	4	
15	1	Yellow Perch	210	101	4	
16	1	Yellow Perch	255	164	5	
17	1	Yellow Perch	264	207	6	
18	1	Yellow Perch	220	120	4	
19	1	Yellow Perch	198	96	4	
20	1	Yellow Perch	115	16	1	
21	1	Yellow Perch	195	69	3	
22	1	Yellow Perch	299	320	6	
23	1	Yellow Perch	241	155	5	
24	1	Yellow Perch	206	90	3	
25	1	Yellow Perch	176	55	3	
26	1	Yellow Perch	205	90	4	
27	1	Yellow Perch	171	53	2	
28	1	Yellow Perch	149	39	2	
29	1	Yellow Perch	156	49	2	
30	1	Yellow Perch	209	106	3	
31	1	Yellow Perch	194	81	3	
32	35	Yellow Perch		1510		
33	1	Rock Bass	230	257		
34	1	Rock Bass	235	286		
35	1	Rock Bass	166	97		
36	1	Rock Bass	229	244		
37	1	Golden Shiner	175	54		
38	1	Pumpkinseed	166	95		
39	1	Brown Bullhead	281	258		
40	1	Brown Bullhead	260	215		
41	1	Brown Bullhead	250	223		
42	1	White Sucker	466	960		
43	1	White Sucker	466	990		
44	1	White Sucker	475	1020		
45	1	White Sucker	505	1230		

END TIME: May 17, 1994 15:10
LOCATION: New Hampshire Setback
METHOD : Trap net, 21.2 hours
SAMPLE : 15426

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	255	176	4	
2	1	Yellow Perch	285	241	5	
3	1	Yellow Perch	244	181	4	
4	1	Yellow Perch	237	179	4	
5	1	Yellow Perch	276	256	6	
6	1	Yellow Perch	219	253	3	
7	1	Yellow Perch	236	190	4	
8	1	Yellow Perch	256	202	5	
9	1	Yellow Perch	286	288	5	
10	1	Yellow Perch	274	207	5	
11	1	Yellow Perch	252	176	5	
12	1	Yellow Perch	248	167	5	
13	1	Yellow Perch	263	186	5	
14	1	Yellow Perch	256	181	5	
15	1	Yellow Perch	302	291	6	
16	1	Yellow Perch	225	156	5	
17	1	Yellow Perch	223	116	4	
18	1	Yellow Perch	280	232	5	
19	1	Yellow Perch	283	208	5	
20	1	Yellow Perch	244	186	4	
21	1	Yellow Perch	180	63	2	
22	1	Yellow Perch	155	38	2	
23	1	Yellow Perch	236	142	4	
24	1	Yellow Perch	247	171	5	
25	1	Yellow Perch	219	120	5	
26	1	Yellow Perch	220	124	4	
27	1	Yellow Perch	239	130	5	
28	1	Yellow Perch	203	79	3	
29	1	Yellow Perch	175	56	2	
30	1	Yellow Perch	200	75	5	
31	21	Yellow Perch		1450		
32	1	Northern Pike	249	86	2	
33	1	Pumpkinseed	136	43		
34	1	Pumpkinseed	117	34		

END TIME: May 17, 1994 16:35
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 22.9 hours
SAMPLE : 15427

No catch for this collection.

END TIME: May 17, 1994 16:25
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 22.9 hours
SAMPLE : 15428

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	148	31	2	
2	1	Yellow Perch	136	30	1	
3	1	White Perch	297	408	4	
4	1	Pumpkinseed	177	97		

END TIME: May 17, 1994 15:53
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 22.7 hours
SAMPLE : 15429

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	261	219	4	
2	1	Yellow Perch	256	188	6	
3	1	Yellow Perch	257	179	5	
4	1	Yellow Perch	238	127	5	
5	1	Yellow Perch	212	105	3	
6	1	Yellow Perch	216	111	3	
7	1	Yellow Perch	160	41	1	
8	1	Yellow Perch	182	63	3	
9	1	Rock Bass	175	119		
10	1	Rock Bass	179	111		
11	1	Rock Bass	168	103		
12	1	Rock Bass	238	298		
13	1	Rock Bass	178	113		

END TIME: May 17, 1994 16:10
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 22.8 hours
SAMPLE : 15430

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	325	468	5	
2	1	White Sucker	447	1010		
3	1	White Sucker	527	1440		
4	1	White Sucker	446	950		
5	1	White Sucker	288	250		
6	1	White Sucker	482	1060		
7	1	White Sucker	442	844		
8	1	White Sucker	429	824		

END TIME: May 18, 1994 9:45
LOCATION: Rum Point
METHOD : Trap net, 20.0 hours
SAMPLE : 15431

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Northern Pike	655	1640	5	
2	1	White Perch	285	339	4	
3	1	White Perch	261	273	3	
4	1	Yellow Perch	252	176	4	
5	1	Yellow Perch	241	141	5	
6	1	Yellow Perch	230	122	5	
7	1	Yellow Perch	215	91	4	
8	1	Yellow Perch	261	210	5	
9	1	Yellow Perch	159	32	2	
10	1	Yellow Perch	195	77	3	
11	1	Walleye	315	210	2	
12	1	Yellow Bullhead	245	256		
13	1	Brown Bullhead	300	318		
14	1	Rock Bass	226	226		
15	1	Rock Bass	166	88		
16	1	Bluegill	166	81		
17	1	White Sucker	438	937		
18	1	White Sucker	440	936		

END TIME: May 18, 1994 10:30
LOCATION: Station 5-Vermont
METHOD : Trap net, 19.7 hours
SAMPLE : 15432

No catch for this collection.

END TIME: May 18, 1994 10:45
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 20.6 hours
SAMPLE : 15433

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	326	391	7	
2	1	Yellow Perch	281	206	6	
3	1	Yellow Perch	254	181	5	
4	1	Yellow Perch	199	84	3	
5	1	Yellow Perch	268	227	6	
6	1	Yellow Perch	265	198	5	
7	1	Yellow Perch	194	72	4	
8	1	Yellow Perch	170	53	2	
9	1	Yellow Perch	236	156	5	
10	1	Yellow Perch	126	17	1	
11	1	Yellow Perch	169	47	2	
12	1	White Perch	264	269	3	
13	1	Brown Bullhead	350	632		
14	1	Brown Bullhead	288	287		
15	1	Rock Bass	226	250		
16	1	Bluegill	198	141		
17	1	Pumpkinseed	204	181		

END TIME: May 18, 1994 11:00
LOCATION: New Hampshire Setback
METHOD : Trap net, 19.8 hours
SAMPLE : 15434

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	480	997	5	
2	1	Yellow Perch	306	319	7	
3	1	Yellow Perch	281	227	6	
4	1	Yellow Perch	208	97	4	
5	1	Yellow Perch	245	151	5	
6	1	Yellow Perch	196	77	4	
7	1	Yellow Perch	157	35	2	
8	1	Yellow Perch	247	169	5	
9	1	Yellow Perch	252	188	5	
10	1	Yellow Perch	254	177	5	
11	1	Yellow Perch	219	113	4	
12	1	Yellow Perch	236	131	5	
13	1	Yellow Perch	240	141	5	
14	1	Yellow Perch	149	37	2	
15	1	Yellow Perch	222	131	4	
16	1	Yellow Perch	127	27	1	
17	1	Yellow Perch	113	22	1	
18	1	Yellow Perch	162	41	2	
19	1	Yellow Perch	270	229	6	
20	1	Yellow Perch	265	171	5	
21	1	Yellow Perch	210	103	4	
22	1	Yellow Perch	149	33	2	
23	1	Yellow Perch	245	150	4	
24	1	Yellow Perch	170	35	2	
25	1	Yellow Perch	190	59	3	
26	1	Yellow Perch	160	44	2	
27	1	Yellow Perch	115	13	1	
28	1	Yellow Perch	111	11	1	
29	1	Yellow Perch	133	24	2	
30	1	Yellow Perch	135	18	1	
31	1	Yellow Perch	126	23	2	
32	6	Yellow Perch		246		
33	1	Chain Pickerel	164	29	1	
34	1	Rock Bass	186	142		
35	1	Pumpkinseed	121	37		
36	1	Brown Bullhead	271	248		
37	1	Brown Bullhead	203	91		
38	1	Brown Bullhead	234	149		
39	1	Brown Bullhead	265	204		
40	1	White Sucker	465	1180		

END TIME: May 18, 1994 12:00
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 19.4 hours
SAMPLE : 15435

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	208	88	4	
2	1	Yellow Perch	181	51	2	
3	1	Yellow Perch	154	29	2	
4	1	Yellow Perch	167	43	3	
5	1	Yellow Perch	77	3.0	0	
6	1	Pumpkinseed	177	97		
7	1	Pumpkinseed	187	123		
8	1	Pumpkinseed	167	81		
9	1	Pumpkinseed	147	53		
10	1	Pumpkinseed	182	109		
11	1	Pumpkinseed	193	129		
12	1	Pumpkinseed	177	98		

END TIME: May 18, 1994 11:55
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 19.5 hours
SAMPLE : 15436

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	180	96		

END TIME: May 18, 1994 11:45
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 19.9 hours
SAMPLE : 15437

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	435	783		

END TIME: May 18, 1994 11:50
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 19.7 hours
SAMPLE : 15438

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	117	27		

END TIME: May 24, 1994 10:15
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 19.6 hours
SAMPLE : 15439

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	406	974	6	
2	1	Walleye	402	558	3	
3	1	Walleye	354	358	2	
4	1	White Perch	260	300	2	
5	1	White Perch	285	250	4	
6	1	White Perch	281	294	4	
7	1	Yellow Perch	212	118	2	
8	1	Yellow Perch	255	177	5	
9	1	Pumpkinseed	185	137		
10	1	Pumpkinseed	174	107		
11	1	Bluegill	155	66		
12	1	Rock Bass	216	201		
13	1	Rock Bass	148	54		
14	1	White Sucker	432	847		
15	1	White Sucker	444	973		
16	1	White Sucker	430	967		
17	1	White Sucker	411	707		
18	1	White Sucker	493	1540		
19	1	White Sucker	415	757		

END TIME: May 24, 1994 10:00
LOCATION: Station 3
METHOD : Trap net, 19.7 hours
SAMPLE : 15440

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Common Carp	757	8410		
2	1	Pumpkinseed	172	116		

END TIME: May 24, 1994 9:55
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 20.9 hours
SAMPLE : 15442

No catch for this collection.

END TIME: May 24, 1994 9:30
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 20.3 hours
SAMPLE : 15443

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	376	789	4	
2	1	Rock Bass	294	490		
3	1	Rock Bass	222	238		
4	1	Rock Bass	230	240		
5	1	Rock Bass	115	32		

END TIME: May 24, 1994 9:05
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 19.1 hours
SAMPLE : 15444

No catch for this collection.

END TIME: May 24, 1994 9:10
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 19.5 hours
SAMPLE : 15445

No catch for this collection.

END TIME: May 25, 1994 12:30
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 26.3 hours
SAMPLE : 15446

No catch for this collection.

END TIME: May 25, 1994 12:15
LOCATION: Station 3
METHOD : Trap net, 26.3 hours
SAMPLE : 15447

No catch for this collection.

END TIME: May 25, 1994 11:40
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 25.8 hours
SAMPLE : 15449

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	351	555	5	
2	1	Smallmouth Bass	390	795	5	
3	1	Smallmouth Bass	409	950	6	
4	1	Smallmouth Bass	349	524	4	
5	1	Walleye	346	338	2	
6	1	Rock Bass	282	439		
7	1	Rock Bass	182	132		
8	1	Rock Bass	225	244		
9	1	Rock Bass	190	130		
10	1	Rock Bass	222	230		
11	1	Rock Bass	171	85		
12	1	Rock Bass	171	77		
13	1	Rock Bass	152	74		
14	1	Rock Bass	194	143		
15	1	Rock Bass	129	31		
16	1	Rock Bass	131	29		
17	1	Rock Bass	102	18		
18	1	Rock Bass	108	21		

END TIME: May 25, 1994 11:20
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 25.8 hours
SAMPLE : 15450

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	50	2.0		

END TIME: May 25, 1994 11:00
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 25.8 hours
SAMPLE : 15451

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	126	44		

END TIME: May 25, 1994 10:45
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 25.7 hours
SAMPLE : 15452

No catch for this collection.

END TIME: May 17, 1994 9:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.3 hours
SAMPLE : 15466

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	238	202		
2	1	Yellow Perch	176	60		
3	1	Yellow Perch	150	37		
4	1	Yellow Perch	141	33		
5	1	Yellow Perch	146	32		
6	1	Yellow Perch	122	20		
7	1	Yellow Perch	147	31		
8	1	Yellow Perch	152	33		
9	1	Yellow Perch	137	27		
10	1	Yellow Perch	146	40		
11	1	Yellow Perch	145	31		
12	1	Yellow Perch	140	30		
13	1	Yellow Perch	123	20		
14	1	Yellow Perch	161	42		
15	1	Yellow Perch	106	11		
16	1	Bluegill	156	79		
17	1	Rock Bass	48	2.2		
18	1	Rock Bass	121	32		
19	1	Rock Bass	103	22		
20	1	Rock Bass	100	17		
21	1	Rock Bass	48	2.2		
22	1	Spottail Shiner	93	6.4		
23	1	Spottail Shiner	79	3.4		
24	1	Spottail Shiner	71	2.9		
25	1	Rainbow Smelt	109	4.4		

END TIME: May 24, 1994 22:29
LOCATION: Rum Point
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15515

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	5	White Sucker		5430		
2	2	White Sucker		1430		
3	1	Bluegill	212	178		
4	1	Rock Bass	215	212		
5	9	Spottail Shiner		22		
6	3	Spottail Shiner		7.0		
7	1	Yellow Perch	173	47	3	
8	1	Yellow Perch	160	43	2	
9	1	Yellow Perch	172	36	2	
10	1	Yellow Perch	185	58	3	
11	1	Yellow Perch	117	11	1	
12	1	Yellow Perch	175	47	2	
13	1	Yellow Perch	166	43	2	
14	1	Yellow Perch	111	20	1	
15	1	Yellow Perch	157	39	2	
16	1	Yellow Perch	124	22	1	
17	1	Yellow Perch	128	23	1	
18	1	Yellow Perch	84	7.0	0	
19	1	Yellow Perch	71	3.0	0	

END TIME: May 25, 1994 21:48
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15516

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	162	48	2	
2	1	Yellow Perch	300	327	7	
3	1	Yellow Perch	204	86	4	
4	1	Yellow Perch	167	46	2	
5	1	Yellow Perch	187	63	3	
6	1	Yellow Perch	153	34	2	
7	1	Yellow Perch	154	38	2	
8	1	Yellow Perch	227	136	3	
9	1	Yellow Perch	236	139	5	
10	1	Yellow Perch	175	60	2	
11	1	Yellow Perch	165	45	2	
12	1	Yellow Perch	170	47	2	
13	1	Yellow Perch	132	28	1	
14	1	Yellow Perch	152	40	2	
15	1	Yellow Perch	163	51	2	
16	1	Yellow Perch	135	28	1	
17	1	Yellow Perch	122	27	1	
18	1	Yellow Perch	113	18	1	
19	1	Walleye	376	408	2	
20	1	Largemouth Bass	326	488	3	
21	1	Smallmouth Bass	252	193	3	
22	1	Yellow Perch	85	4.0	0	
23	3	Pumpkinseed		302		
24	1	Yellow Perch	79	4.0	0	
25	1	Yellow Perch	78	4.0	0	
26	1	Spottail Shiner		2.0		
27	1	Yellow Perch	181	69	3	
28	5	White Sucker		5870		
29	5	White Sucker		5590		
30	2	White Sucker		1580		
31	1	White Sucker		1170		

END TIME: May 25, 1994 20:55
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15517

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	5	White Sucker		5130		
2	4	White Sucker		4610		
3	1	Walleye	437	704	4	
4	1	Walleye	363	389	2	
5	1	Walleye	347	343	2	
6	1	White Perch	379	322	7	
7	1	Smallmouth Bass	291	280	3	
8	1	Yellow Perch	164	53	2	
9	1	Yellow Perch	165	48	2	
10	1	Yellow Perch	172	62	2	
11	1	Yellow Perch	155	35	2	
12	1	Yellow Perch	162	47	2	
13	1	Yellow Perch	162	45	2	
14	1	Yellow Perch	128	20	1	
15	1	Yellow Perch	174	56	2	
16	1	Yellow Perch	170	57	2	
17	1	Yellow Perch	133	28	1	
18	1	Yellow Perch	152	32	2	
19	1	Yellow Perch	164	52	2	
20	1	Yellow Perch	160	48	2	
21	1	Brown Bullhead	340	538		
22	1	Bluegill	211	198		
23	1	Pumpkinseed	170	118		
24	1	Golden Shiner	206	94		

END TIME: May 23, 1994 20:42
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15518

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	358	368	2	
2	1	Chain Pickerel	440	532	4	
3	1	Yellow Perch	256	187	5	
4	1	Yellow Perch	220	104	3	
5	1	Yellow Perch	257	158	5	
6	1	Yellow Perch	155	45	2	
7	1	Yellow Perch	146	33	2	
8	1	Yellow Perch	80	5.0	0	
9	1	Yellow Perch	207	97	3	
10	1	Yellow Perch	166	37	2	
11	1	Yellow Perch	176	50	2	
12	1	Yellow Perch	160	50	2	
13	1	Yellow Perch	160	51	2	
14	1	Yellow Perch	155	40	2	
15	1	Yellow Perch	172	160	2	
16	1	Yellow Perch	161	61	2	
17	1	Yellow Perch	158	40	2	
18	1	Yellow Perch	113	21	1	
19	1	Yellow Perch	184	80	3	
20	1	Yellow Perch	170	49	2	
21	1	Yellow Perch	163	44	2	
22	1	Yellow Perch	140	29	2	
23	1	Yellow Perch	105	11	0	
24	1	Yellow Perch	115	14	1	
25	1	Yellow Perch	80	6.0	0	
26	1	Yellow Perch	70	4.0	0	
27	1	Yellow Perch	82	6.0	0	
28	1	Yellow Perch	78	5.0	0	
29	1	Yellow Perch	132	21	1	
30	2	Pumpkinseed		219		
31	1	Bluegill	155	55		
32	3	White Sucker		883		
33	4	Mimic Shiner		3.0		

END TIME: May 24, 1994 20:43
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15519

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	315	390	4	
2	1	Yellow Perch	218	76	2	
3	1	Yellow Perch	164	29	2	
4	1	Yellow Perch	173	50	2	
5	1	Yellow Perch	169	43	2	
6	1	Yellow Perch	174	56	2	
7	1	Yellow Perch	197	82	3	
8	1	Yellow Perch	178	53	2	
9	1	Yellow Perch	204	89	4	
10	1	Yellow Perch	200	89	3	
11	1	Yellow Perch	166	41	2	
12	1	Yellow Perch	164	50	2	
13	1	Yellow Perch	159	40	2	
14	1	Yellow Perch	136	31	1	
15	1	Yellow Perch	128	24	1	
16	1	Yellow Perch	158	38	2	
17	1	Yellow Perch	130	18	1	
18	1	Yellow Perch	199	69	2	
19	1	Yellow Perch	148	28	1	
20	1	Yellow Perch	87	4.0	0	
21	1	Yellow Perch	79	3.0	0	
22	1	Yellow Perch	78	3.0	0	
23	1	Yellow Perch	187	60	2	
24	1	Yellow Perch	202	80	3	
25	1	Yellow Perch	193	73	3	
26	1	Yellow Perch	75	3.0	0	
27	1	Yellow Perch	137	20	1	
28	1	Yellow Perch	134	19	1	
29	1	Yellow Perch	197	84	3	
30	1	Yellow Perch	138	27	1	
31	1	Yellow Perch	153	24	2	
32	14	Yellow Perch		555		
33	3	White Sucker		925		

END TIME: May 24, 1994 21:42
LOCATION: New Hampshire Setback
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15520

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	420	917	5	
2	1	White Perch	245	217	3	
3	1	Bluegill	208	172		
4	1	Bluegill	170	87		
5	1	Rock Bass	174	100		
6	1	Lepomis sp.	52	2.0		
7	4	Spottail Shiner		7.0		
8	1	Golden Shiner	79	4.0		
9	4	White Sucker		5390		
10	1	Yellow Perch	204	103	3	
11	1	Yellow Perch	154	35	2	
12	1	Yellow Perch	163	48	3	
13	1	Yellow Perch	129	23	2	
14	1	Yellow Perch	156	41	2	

END TIME: May 27, 1994 20:44
LOCATION: Station 2
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15521

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	426	1000		
2	1	Smallmouth Bass	353	612	5	
3	1	Smallmouth Bass	262	222	3	
4	1	Smallmouth Bass	193	78	2	
5	1	Smallmouth Bass	124	18	1	
6	1	Spottail Shiner	69	3.0		

END TIME: May 27, 1994 22:04
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15522

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	314	398	4	
2	1	Smallmouth Bass	337	512	4	
3	8	Fallfish		1360		
4	1	Rock Bass	185	123		
5	4	White Sucker		5470		
6	5	White Sucker		5630		

END TIME: May 27, 1994 22:52
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15523

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	292	396	3	
2	1	Northern Pike	463	568	4	
3	1	Golden Shiner	111	19		
4	1	Rock Bass	212	184		
5	1	Fallfish	291	278		
6	1	Yellow Perch	99	11	0	
7	4	White Sucker		4870		
8	4	White Sucker		3620		

END TIME: May 27, 1994 23:35
LOCATION: Station 3
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15524

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	321	444	4	
2	1	Smallmouth Bass	279	296	4	
3	1	Smallmouth Bass	311	353	4	
4	6	Rock Bass		813		
5	1	Yellow Perch	135	20	2	
6	1	American Eel		52		
7	4	White Sucker		3950		
8	2	White Sucker		1850		
9	1	Common Carp	549	2200		

END TIME: May 28, 1994 0:26
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15525

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	340	583	4	
2	1	Northern Pike	493	622		
3	1	Northern Pike	232	223	2	
4	1	Bluegill	165	96		
5	3	White Sucker		2840		

END TIME: May 24, 1994 13:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 25.3 hours
SAMPLE : 15526

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	121	31		
2	1	Pumpkinseed	180	125		
3	1	Rock Bass	156	62		
4	1	Rock Bass	106	23		
5	1	Rock Bass	116	27		
6	1	Rock Bass	128	39		
7	1	Rock Bass	130	39		
8	1	Yellow Perch	139	28		
9	1	Yellow Perch	123	18		
10	1	Yellow Perch	120	14		
11	1	Yellow Perch	125	19		
12	1	Yellow Perch	125	17		
13	1	Yellow Perch	75	4.4		
14	1	Yellow Perch	83	4.9		
15	1	Yellow Perch	95	9.0		

END TIME: May 26, 1994 17:00
LOCATION: Turners Falls Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15527

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	444	827	3	
2	1	American Shad	458	962	4	
3	1	American Shad	477	1090	5	
4	1	American Shad	412	679	4	
5	1	American Shad	406	686	3	
6	1	American Shad	404	679	3	
7	1	American Shad	499	1140	5	
8	1	American Shad	472	954	4	
9	1	American Shad	404	690	3	
10	1	American Shad	365	469	3	
11	1	American Shad	458	862	4	
12	1	American Shad	420	738	3	
13	1	American Shad	486	1200	4	
14	1	American Shad	430	679	3	
15	1	American Shad	444	845	4	
16	1	American Shad	432	769	3	
17	1	American Shad	433	830	4	
18	1	American Shad	441	753	4	
19	1	American Shad	501	1070	5	
20	1	American Shad	510	1240	5	
25	1	American Shad	533	1510	5	
30	1	American Shad	500	1390	5	
35	1	American Shad	523	1330	4	
40	1	American Shad	540	1430	5	
45	1	American Shad	531	1910	5	

END TIME: May 31, 1994 11:05
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 166.1 hours
SAMPLE : 15528

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	195	38		

END TIME: June 1, 1994 11:20
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.3 hours
SAMPLE : 15529

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	156	30		

END TIME: May 31, 1994 16:15
LOCATION: Turners Falls Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15530

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	491		5	
2	1	American Shad	504	1300	5	
3	1	American Shad	420	722	4	
4	1	American Shad	424	710	4	
5	1	American Shad	450	877	5	
6	1	American Shad	425	731	3	
7	1	American Shad	435	671	4	
8	1	American Shad	416	698	3	
9	1	American Shad	476	1070	5	
10	1	American Shad	385	650	3	
11	1	American Shad	396	574	3	
12	1	American Shad	405	672	3	
13	1	American Shad	438	762	4	
14	1	American Shad	533	1300	4	
15	1	American Shad	546	1830	5	
20	1	American Shad	550	1480	6	

END TIME: June 1, 1994 12:55
LOCATION: Vernon Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15531

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
2	1	American Shad	447	756	4	
3	1	American Shad	451	823	4	
4	1	American Shad	480	958	4	
5	1	American Shad	452	802	4	
6	1	American Shad	440	781	3	
7	1	American Shad	462	939	4	
8	1	American Shad	472	1100	4	
9	1	American Shad	358	360	3	
10	1	American Shad	374	480	3	
11	1	American Shad	444	733	4	
12	1	American Shad	456	821	4	
13	1	American Shad	545	1400	5	
18	1	American Shad	509	1430	5	
23	1	American Shad	540	1430	5	

END TIME: June 6, 1994 16:35
LOCATION: Turners Falls Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15532

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	422	590	4	
2	1	American Shad	460	864	4	
3	1	American Shad	438	682	5	
4	1	American Shad	439	762	5	
5	1	American Shad	402	620	3	
6	1	American Shad	485	1020	4	
7	1	American Shad	451	860	4	
8	1	American Shad	460	888	4	
9	1	American Shad	451	845	4	
10	1	American Shad	471	926	5	
11	1	American Shad	455	929	4	
12	1	American Shad	428	766	3	
13	1	American Shad	402	610	3	
14	1	American Shad	558	1400	4	
15	1	American Shad	457	1030	4	
16	1	American Shad	416	618	3	
17	1	American Shad	489	1080	5	
18	1	American Shad	431	708	4	
19	1	American Shad	450	855	4	
20	1	American Shad	422	660	4	
21	1	American Shad	455	845	4	
22	1	American Shad	410	587	3	
23	1	American Shad	419	633	3	
24	1	American Shad	413	627	3	
25	1	American Shad	395	552	3	
26	1	American Shad	506	1230	4	
31	1	American Shad	524	1510	5	
36	1	American Shad	530	1330	5	
41	1	American Shad	540	1550	5	
46	1	American Shad	545	1660	5	
51	1	American Shad	530	1630	5	
56	1	American Shad	518	1240	4	
61	1	American Shad	490	1270	4	
66	1	American Shad	556	1630	5	
71	1	American Shad	513	1250	4	

END TIME: June 9, 1994 17:12
LOCATION: Vernon Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15533

Fish ID	Number of fish	Species	Length (mm)	We ght (g)	Annuli (number)	Tag Number
1	1	American Shad	411	670	3	
2	1	American Shad	416	613	3	
3	1	American Shad	391	566	3	
4	1	American Shad	510	1170	5	
5	1	American Shad	462	918	4	
6	1	American Shad	393	440	3	
7	1	American Shad	489	1070	5	
8	1	American Shad	454	728	4	
9	1	American Shad	489	1030	3	
10	1	American Shad	448	776	4	
11	1	American Shad	457	746	4	
12	1	American Shad	447	639	5	
13	1	American Shad	460	797	4	
14	1	American Shad	470	876	5	
15	1	American Shad	482	849	4	
16	1	American Shad	395	501	3	
17	1	American Shad	456	786	4	
18	1	American Shad	490	1010	4	
19	1	American Shad	400	557	3	
20	1	American Shad	553	1890	5	
25	1	American Shad	502	1320	4	
30	1	American Shad	546	1640	5	
35	1	American Shad	502	1140	4	
40	1	American Shad	518	1480	5	
45	1	American Shad	530	1270	5	
50	1	American Shad	512	1390	4	

END TIME: May 31, 1994 17:15
LOCATION: Vernon Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15547

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	437	713	3	
2	1	American Shad	479	879	4	
3	1	American Shad	423	703	3	
4	1	American Shad	425	635	4	
5	1	American Shad	480	883	4	
6	1	American Shad	449	849	3	
7	1	American Shad	485	1120	4	
8	1	American Shad	453	738	4	
9	1	American Shad	469	841	4	
10	1	American Shad	539	1490	5	

END TIME: June 7, 1994 11:53
LOCATION: Rum Point
METHOD : Trap net, 20.7 hours
SAMPLE : 15801

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	481	1400	8	
2	1	Smallmouth Bass	324	447	4	
3	1	Yellow Bullhead	349	547		
4	1	Yellow Bullhead	328	523		
5	1	Golden Shiner	163	35		
6	1	Rock Bass	174	103		
7	1	Pumpkinseed	207	189		
8	1	Pumpkinseed	185	143		
9	1	Pumpkinseed	164	118		
10	1	Pumpkinseed	166	106		
11	1	Pumpkinseed	175	117		
12	1	Pumpkinseed	170	129		
13	1	Pumpkinseed	173	104		
14	1	Pumpkinseed	169	94		
15	1	Pumpkinseed	168	101		
16	1	Pumpkinseed	194	166		
17	1	Bluegill	188	136		
18	1	Bluegill	194	151		
19	1	White Sucker	471	1000		
20	1	Common Carp	612	3450		
21	1	Common Carp	649	3620		

END TIME: June 7, 1994 11:23
LOCATION: Station 5-Vermont
METHOD : Trap net, 20.5 hours
SAMPLE : 15802

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	224	144	2	
2	1	Smallmouth Bass	207	123	2	
3	1	White Perch	294	324	4	
4	1	Yellow Perch	135	28	1	
5	1	Yellow Perch	119	26	1	
6	1	Yellow Perch	157	38	2	
7	1	Yellow Perch	151	44	2	
8	1	Yellow Perch	158	46	2	
9	1	Yellow Perch	138	32	1	
10	1	Golden Shiner	161	35		
11	1	Rock Bass	212	213		
12	1	Rock Bass	170	115		
13	1	Rock Bass	158	87		
14	1	Rock Bass	138	58		
15	1	Rock Bass	108	33		
16	1	Brown Bullhead	158	42		
17	1	Pumpkinseed	199	163		
18	1	Pumpkinseed	164	81		
19	1	White Sucker	450	843		

END TIME: June 7, 1994 11:15
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 20.6 hours
SAMPLE : 15803

No catch for this collection.

END TIME: June 7, 1994 10:45
LOCATION: New Hampshire Setback
METHOD : Trap net, 20.4 hours
SAMPLE : 15804

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	293	147	3	
2	1	Chain Pickerel	412	498	4	
3	1	Chain Pickerel	397	399	4	
4	1	Chain Pickerel	240	80	2	
5	1	Chain Pickerel	280	116	2	
6	1	White Perch	286	301	5	
7	1	Yellow Perch	238	153	5	
8	1	Yellow Perch	267	232	6	
9	1	Yellow Perch	209	100	4	
10	1	Yellow Perch	197	63	3	
11	1	Yellow Perch	132	24	2	
12	1	Rock Bass	197	149		
13	1	Golden Shiner	203	70		
14	1	Golden Shiner	155	39		
15	1	Golden Shiner	114	13		
16	1	Golden Shiner	144	24		
17	1	Golden Shiner	164	39		
18	1	Yellow Bullhead	347	587		
19	1	Bluegill	201	147		
20	1	Bluegill	205	196		
21	1	Bluegill	205	178		
22	1	Bluegill	190	187		
23	1	Bluegill	175	118		
24	1	Bluegill	201	189		
25	1	Bluegill	176	108		
26	1	Pumpkinseed	174	25		
27	1	Pumpkinseed	151	79		
28	1	White Sucker	477	109		
29	1	White Sucker	492	1310		
30	1	White Sucker	482	1280		
31	1	White Sucker	502	1230		
32	1	White Sucker	483	1140		
33	1	White Sucker	427	738		
34	1	Common Carp	541	2420		
35	1	White Sucker	506	1260		

END TIME: June 7, 1994 10:31
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 21.0 hours
SAMPLE : 15805

No catch for this collection.

END TIME: June 7, 1994 9:47
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 20.1 hours
SAMPLE : 15806

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	185	169		

END TIME: June 7, 1994 9:50
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 19.7 hours
SAMPLE : 15807

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		1690		
2	1	Smallmouth Bass	140	160	2	
3	1	Yellow Perch	266	173	6	
4	1	Yellow Bullhead	229	151		
5	1	Pumpkinseed	204	190		
6	1	Pumpkinseed	196	150		
7	1	Pumpkinseed	179	123		
8	1	White Sucker	494	176		

END TIME: June 7, 1994 10:00
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 20.1 hours
SAMPLE : 15808

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	445	504	5	
2	1	Walleye	356	389	2	
3	1	White Perch	284	276	6	
4	1	Chain Pickerel	445	527	5	
5	1	Yellow Perch	266	197	5	
6	1	Yellow Perch	215	99	3	
7	1	Yellow Perch	170	47	2	
8	1	Yellow Perch	171	43	2	
9	1	Yellow Perch	213	102	3	
10	1	Yellow Perch	160	40	2	
11	1	Yellow Perch	258	187	4	
12	1	Yellow Perch	132	17	1	
13	1	Yellow Perch	141	30	1	
14	1	Yellow Perch	131	22	1	
15	1	Yellow Perch	128	25	1	
16	1	White Sucker	439	645		
17	1	Brown Bullhead	267	279		
18	1	Brown Bullhead	158	45		
19	1	Pumpkinseed	146	51		
20	1	Rock Bass	186	136		
21	1	Rock Bass	181	118		
22	1	Rock Bass	115	23		
23	1	Pumpkinseed	162	95		
24	1	Yellow Bullhead	106	11		

END TIME: June 8, 1994 14:18
LOCATION: Rum Point
METHOD : Trap net, 26.4 hours
SAMPLE : 15809

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	385	303	3	
2	1	Yellow Perch	182	94	2	
3	1	Bluegill	171	147		
4	1	Pumpkinseed	163	84		
5	1	Pumpkinseed	185	126		
6	1	Pumpkinseed	174	117		
7	1	Pumpkinseed	178	131		

END TIME: June 8, 1994 14:03
LOCATION: Station 5-Vermont
METHOD : Trap net, 26.7 hours
SAMPLE : 15810

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	166	20	1	
2	1	Brown Bullhead	77	3.0		
3	1	Pumpkinseed	166	108		
4	1	Pumpkinseed	143	48		
5	1	Pumpkinseed	199	180		
6	1	Pumpkinseed	151	85		

END TIME: June 8, 1994 14:40
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 27.4 hours
SAMPLE : 15811

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	307	412	5	
2	1	White Perch	273	288	3	
3	1	Yellow Perch	177	54	2	
4	1	Yellow Perch	179	47	2	
5	1	Yellow Perch	180	43	2	
6	1	Yellow Perch	206	79	4	
7	1	Yellow Perch	174	47	2	
8	1	Yellow Perch	154	44	2	
9	1	Yellow Perch	160	49	2	
10	1	Yellow Perch	145	45	2	
11	1	Pumpkinseed	189	145		
12	1	Brown Bullhead	166	132		
13	1	Brown Bullhead	116	6.0		
14	1	Brown Bullhead	112	6.0		
15	1	White Sucker	435	894		
16	1	White Sucker	527	1330		

END TIME: June 8, 1994 13:18
LOCATION: New Hampshire Setback
METHOD : Trap net, 26.5 hours
SAMPLE : 15812

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	498	1130	5	
2	1	Yellow Perch	270	250	6	
3	1	Yellow Perch	234	165	5	
4	1	Yellow Perch	259	221	6	
5	1	Yellow Perch	291	289	7	
6	1	Yellow Perch	271	198	6	
7	1	Yellow Perch	281	219	7	
8	1	Yellow Perch	238	143	4	
9	1	Yellow Perch	271	210	6	
10	1	Yellow Perch	258	156	6	
11	1	Yellow Perch	231	120	4	
12	1	Yellow Perch	249	161	5	
13	1	Yellow Perch	224	116	5	
14	1	Yellow Perch	197	83	3	
15	1	Yellow Perch	253	146	5	
16	1	Chain Pickerel	400	309	4	
17	1	Chain Pickerel	182	26	2	
18	1	Golden Shiner	159	32		
19	1	Bluegill	205	141		
21	1	Bluegill	192	157		
22	1	Bluegill	208	197		
23	1	Bluegill	214	197		
24	1	Pumpkinseed	155	71		
25	1	Pumpkinseed	197	167		
26	1	Pumpkinseed	174	109		
27	1	Pumpkinseed	131	36		
28	1	Pumpkinseed	155	87		
29	1	Pumpkinseed	134	34		
30	1	Pumpkinseed	145	46		
31	1	White Sucker	457	1040		

END TIME: June 8, 1994 12:15
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 25.7 hours
SAMPLE : 15813

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
2	1	Pumpkinseed	160	124		

END TIME: June 8, 1994 12:18
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 26.5 hours
SAMPLE : 15814

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	178	70	2	
2	1	Yellow Perch	82	6.0	0	
3	1	Yellow Perch	84	5.0	0	
4	1	Yellow Perch	85	7.0	0	
5	1	Pumpkinseed	100	12		

END TIME: June 8, 1994 12:50
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 27.0 hours
SAMPLE : 15815

Fish ID	Number of fish	Species	Length (mm)	We ght (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	243	135	5	
2	1	Yellow Perch	178	57	3	
3	1	Yellow Perch	209	102	3	
4	1	Yellow Perch	84	6.0	0	
5	1	Yellow Perch	84	6.0	0	
6	1	Brown Bullhead	326	488		
7	1	Rock Bass	194	145		
8	1	Rock Bass	109	19		
9	1	Pumpkinseed	195	56		
10	1	Pumpkinseed	152	68		
11	1	Pumpkinseed	159	83		
12	1	White Sucker	492	1180		

END TIME: June 8, 1994 12:25
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 26.4 hours
SAMPLE : 15816

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	259	206	5	
2	1	Yellow Perch	205	91	3	
3	1	Yellow Perch	192	84	2	
4	1	Yellow Perch	171	53	2	
5	1	Yellow Perch	194	85	3	
6	1	Yellow Perch	124	19	1	
7	1	Pumpkinseed	192	158		
8	1	Pumpkinseed	171	110		
9	1	Pumpkinseed	152	78		
10	1	Pumpkinseed	151	75		
11	1	Pumpkinseed	145	85		
12	1	Pumpkinseed	154	56		
13	1	Pumpkinseed	145	65		
14	1	Yellow Perch	218	127	3	
15	1	Yellow Perch	186	88	3	
16	1	Brown Bullhead	321	515		

END TIME: June 9, 1994 14:40
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 21.2 hours
SAMPLE : 15817

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	457	1170	8	4444
2	1	Smallmouth Bass	434	475	4	
4	1	Smallmouth Bass	336	504	4	
5	1	Smallmouth Bass	307	366	3	
6	1	Smallmouth Bass	268	241		
7	1	Smallmouth Bass	272	280	3	
8	1	Smallmouth Bass	278	286	3	
9	1	Smallmouth Bass	267	267	3	
10	1	Smallmouth Bass	245	205	3	
11	1	Smallmouth Bass	253	205	3	
12	1	Rock Bass	177	121		
13	1	Rock Bass	174	115		
14	1	Rock Bass	56	4.0		

END TIME: June 9, 1994 14:21
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 21.1 hours
SAMPLE : 15818

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	184	79	1	
2	1	Yellow Perch	248	188	3	
3	1	Yellow Perch	242	170		
4	1	Yellow Perch	256	194	3	
5	1	Yellow Perch	246	169	3	
6	1	Smallmouth Bass	185	143	1	
7	1	Rock Bass	139	71		
8	1	Rock Bass	175	112		
9	1	Rock Bass	181	135		
10	1	Rock Bass	188	146		
11	1	Rock Bass	165	78		
12	1	Rock Bass	196	169		
13	1	Rock Bass	184	145		
14	1	Rock Bass		103		
15	1	American Eel	475	165		
16	1	American Eel	900	660		

END TIME: June 9, 1994 13:50
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.0 hours
SAMPLE : 15819

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	442	1260	5	
2	1	Common Carp	785	6920		
3	1	White Sucker	437	910		
4	1	White Sucker	487	1040		
5	1	Rock Bass	128	56		

END TIME: June 9, 1994 12:48
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 20.1 hours
SAMPLE : 15820

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	170	56	2	
2	1	Rock Bass	260	317		
3	1	Rock Bass	185	125		
4	1	Bluegill	206	185		
5	1	White Sucker	420	784		

END TIME: June 9, 1994 12:08
LOCATION: Station 3
METHOD : Trap net, 19.6 hours
SAMPLE : 15821

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	434	656	3	
2	1	Walleye	363	387	2	
3	1	Smallmouth Bass	348	608	5	
4	1	Smallmouth Bass	251	208	4	
5	1	Rock Bass	240	320		
6	1	Rock Bass	271	431		
7	1	Rock Bass	201	153		
8	1	Rock Bass	123	233		
9	1	Rock Bass	245	315		
10	1	Rock Bass	234	277		
11	1	Rock Bass	233	271		
12	1	Rock Bass	239	272		
13	1	Rock Bass	200	164		
14	1	Rock Bass	115	37		
15	1	Rock Bass	215	179		
16	1	Rock Bass	230	234		
17	1	Rock Bass	192	131		
18	1	Rock Bass	231	248		
19	1	Rock Bass	157	72		
20	1	Rock Bass	162	87		
21	1	Rock Bass	223	220		
22	1	Rock Bass	162	83		
23	1	Rock Bass	216	186		
24	1	Rock Bass	198	166		
25	1	Rock Bass	169	95		
26	1	Rock Bass	176	105		
27	1	Rock Bass	177	115		
28	1	Rock Bass	186	144		
29	1	Rock Bass	229	210		
30	1	Rock Bass	200	163		
31	1	Rock Bass	165	81		
32	1	Rock Bass	186	124		
33	1	Rock Bass	113	36		
34	1	Rock Bass	205	182		
35	36	Rock Bass		3630		
36	1	Smallmouth Bass	183	68	1	
37	1	Yellow Perch	171	49	2	
38	1	Pumpkinseed	186	131		
39	1	Pumpkinseed	160	82		
40	1	Pumpkinseed	156	39		
41	1	Pumpkinseed	157	74		
42	1	Pumpkinseed	131	33		

END TIME: June 9, 1994 11:57
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 19.6 hours
SAMPLE : 15822

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	456	774	4	
2	1	Bluegill	181	121		
3	1	Rock Bass	140	56		

END TIME: June 10, 1994 10:37
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 20.0 hours
SAMPLE : 15823

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	374	384	2	
2	1	Smallmouth Bass	338	484	4	
3	1	Smallmouth Bass	297	297	4	
4	1	Smallmouth Bass	279	265	4	4432
5	1	Smallmouth Bass	312	373	3	
6	1	Smallmouth Bass	245	178	3	
7	1	Yellow Perch	204	98	1	
8	1	Bluegill	174	128		

END TIME: June 10, 1994 10:57
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 20.6 hours
SAMPLE : 15824

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	180	76	1	
2	1	Yellow Perch	243	167	4	
3	1	Yellow Perch	193	74	2	
4	1	Rock Bass	182	133		
5	1	Rock Bass	140	55		
6	1	Rock Bass	200	167		
7	1	Rock Bass	170	108		
8	1	Rock Bass	194	163		

END TIME: June 10, 1994 11:25
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.6 hours
SAMPLE : 15825

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	152	70		

END TIME: June 10, 1994 11:51
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 23.0 hours
SAMPLE : 15826

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	383	430	4	
2	1	Smallmouth Bass	256	233	2	
3	1	Rock Bass	255	318		
4	1	Rock Bass	155	69		
5	1	Rock Bass	176	115		
6	1	Rock Bass	197	176		
7	1	Rock Bass	183	122		
8	1	Rock Bass	152	59		
9	1	Rock Bass	132	50		
10	1	Bluegill	198	196		
11	1	Bluegill	161	84		
12	1	Bluegill	201	192		
13	1	Pumpkinseed	125	48		
14	1	Pumpkinseed	200	173		
15	1	White Sucker	451	1020		

END TIME: June 10, 1994 12:12
LOCATION: Station 3
METHOD : Trap net, 24.1 hours
SAMPLE : 15827

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	61	3.0		

END TIME: June 10, 1994 12:35
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 24.6 hours
SAMPLE : 15828

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	225	242		
2	1	Rock Bass	204	184		
3	1	Rock Bass	165	83		
4	1	Rock Bass	165	103		
5	1	Rock Bass	146	75		
6	1	Sea Lamprey	700	736		

END TIME: June 2, 1994 8:40
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.3 hours
SAMPLE : 15829

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	215	139		
2	1	Yellow Perch	84	6.4		
3	1	Yellow Perch	77	4.8		

END TIME: June 3, 1994 14:27
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 29.8 hours
SAMPLE : 15830

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	184	129		
2	1	Rock Bass	106	24		
3	1	Rock Bass	96	14		
4	1	Bluegill	54	2.5		
5	1	Brown Bullhead	96	11		

END TIME: June 4, 1994 9:48
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 19.4 hours
SAMPLE : 15831

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	164	25		
5	1	Brown Bullhead	159	39		
6	1	Yellow Perch	84	7.1		
7	1	Lepomis sp.	48	1.8		

END TIME: June 5, 1994 12:01
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 26.2 hours
SAMPLE : 15832

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	135	26		
2	1	Yellow Perch	77	5.5		
3	1	Pumpkinseed	191	168		
4	1	Pumpkinseed	157	72		

END TIME: June 6, 1994 12:25
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.4 hours
SAMPLE : 15833

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	285	408		
2	1	Bluegill	185	125		
3	1	Bluegill	158	92		
4	1	Rock Bass	107	22		
5	1	Yellow Perch	115	17		
6	1	Yellow Perch	80	5.4		
7	1	Yellow Perch	85	5.8		
8	1	Spottail Shiner	112	9.8		
9	1	Brown Bullhead	81	7.9		

END TIME: June 7, 1994 12:47
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.2 hours
SAMPLE : 15834

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	187	47		
2	1	Atlantic Salmon	172	32		
3	1	Yellow Perch	190	64		
4	1	Yellow Perch	126	22		
5	1	Yellow Perch	180	60		
6	1	Yellow Perch	174	64		
7	1	Yellow Perch	175	60		
8	1	Yellow Perch	122	22		
9	1	Yellow Perch	137	31		
10	1	Yellow Perch	123	22		
11	1	Yellow Perch	142	31		
12	1	Yellow Perch	113	15		
13	1	Yellow Perch	107	15		
14	1	Rock Bass	210	226		
15	1	Rock Bass	200	208		
16	1	Rock Bass	174	115		
17	1	Rock Bass	155	68		
18	1	Rock Bass	229	260		
19	1	Rock Bass	192	188		
20	1	Rock Bass	156	73		
21	1	Rock Bass	157	78		
22	1	Rock Bass	178	99		
23	1	Rock Bass	162	89		
24	1	Rock Bass	173	119		
25	1	Rock Bass	160	88		
26	1	Rock Bass	152	68		
27	1	Rock Bass	163	80		
28	1	Rock Bass	141	57		
29	1	Rock Bass	131	49		
30	1	Rock Bass	135	48		
31	1	Rock Bass	144	51		
32	1	Rock Bass	136	49		
33	1	Rock Bass	155	70		
34	1	Rock Bass	106	25		
35	1	Rock Bass	112	37		
36	1	Rock Bass	121	31		
37	1	Rock Bass	111	28		
38	1	Rock Bass	127	34		
39	1	Rock Bass	107	23		
40	1	Rock Bass	62	5.0		
41	1	Golden Shiner	122	15		
42	1	Yellow Perch	200	89		
43	1	Yellow Perch	192	68		
44	1	Yellow Perch	158	41		
45	1	Yellow Perch	152	37		
46	1	Yellow Perch	148	33		
47	1	Yellow Perch	120	20		
48	1	Yellow Perch	176	50		
49	1	Yellow Perch	115	17		
50	1	Walleye	175	32		
51	1	Pumpkinseed	196	150		
52	1	Yellow Perch	133	24		
53	1	Rock Bass	200	161		
54	1	Rock Bass	226	243		
55	1	Rock Bass	165	78		
56	1	Rock Bass	140	49		
57	1	Rock Bass	152	66		
58	1	Rock Bass	142	54		
59	1	Rock Bass	145	54		
60	1	Rock Bass	149	65		
61	1	Rock Bass	127	39		
62	1	Rock Bass	119	31		
63	1	Rock Bass	109	26		

(CONTINUED)
END TIME: June 7, 1994 12:47
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.2 hours
SAMPLE : 15834

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Rock Bass	102	20		
65	16	Rock Bass		981		
66	1	Yellow Perch	196	84		
67	1	Yellow Perch	165	44		
68	1	Yellow Perch	165	49		
69	1	Yellow Perch	159	47		
70	1	Yellow Perch	156	47		
71	1	Yellow Perch	167	44		
72	1	Yellow Perch	150	34		
73	1	Yellow Perch	122	20		
74	1	Yellow Perch	144	33		
75	1	Rock Bass	113	26		

END TIME: June 7, 1994 16:00
LOCATION: Turners Falls Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15835

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	397	495	3	
2	1	American Shad	406	593	3	
3	1	American Shad	447	854	3	
4	1	American Shad	468	912	4	
5	1	American Shad	411	590	3	
6	1	American Shad	474	978	4	
7	1	American Shad	371	551	3	
8	1	American Shad	421	621	3	
9	1	American Shad	436	720	4	
10	1	American Shad	513	1240	5	
11	1	American Shad	440	770	3	
12	1	American Shad	547	1650	5	
17	1	American Shad	532	1560	5	
22	1	American Shad	513	1040	5	
27	1	American Shad	541	1610	4	
32	1	American Shad	479	1080	4	

END TIME: June 8, 1994 8:03
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 19.3 hours
SAMPLE : 15836

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	220	57		
2	1	Rock Bass	150	70		
3	1	Rock Bass	156	71		
4	1	Rock Bass	172	100		
5	1	Rock Bass	155	99		
6	1	Rock Bass	144	63		
7	1	Rock Bass	151	79		
8	1	Rock Bass	105	23		
9	1	Rock Bass	55	4.8		
10	1	Rock Bass	58	4.3		
11	1	Rock Bass	55	3.5		
12	1	Yellow Perch	192	76		
13	1	Yellow Perch	161	53		
14	1	Yellow Perch	139	28		
15	1	Yellow Perch	116	16		
16	1	Yellow Perch	122	21		

END TIME: June 9, 1994 8:25
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.4 hours
SAMPLE : 15837

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	139	59		
2	1	Rock Bass	110	31		

END TIME: June 10, 1994 8:50
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.4 hours
SAMPLE : 15838

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	345	722		
2	1	Northern Pike	304	167		
3	1	Rock Bass	192	126		
4	1	Rock Bass	170	87		
5	1	Rock Bass	107	28		
6	1	Rock Bass	59	4.5		

END TIME: June 11, 1994 6:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.9 hours
SAMPLE : 15839

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	White Perch	274	338		
2	1	Rock Bass	51	3.2		
3	1	Rock Bass	65	6.0		

END TIME: June 14, 1994 21:09
LOCATION: Rum Point
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15847

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	156	38	2	
2	1	Yellow Perch	234	132	4	
3	1	Yellow Perch	174	64	2	
4	1	Yellow Perch	136	18	1	
5	1	Yellow Perch	171	46	2	
6	1	Yellow Perch	168	44	3	
7	1	Yellow Perch	159	34	2	
8	1	Yellow Perch	168	36	2	
9	1	Yellow Perch	176	43	3	
10	1	Yellow Perch	161	38	2	
11	1	Yellow Perch	118	14	1	
12	1	Yellow Perch	220	112	4	
13	1	Yellow Perch	222	120	5	
14	1	Yellow Perch	174	55	2	
15	1	Yellow Perch	178	59	3	
16	1	Yellow Perch	192	74	2	
17	1	Pumpkinseed	162	95		
18	3	Spottail Shiner		9.0		
19	1	Spottail Shiner		3.0		

END TIME: June 15, 1994 21:33
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15848

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Common Carp	970	10000		
2	1	Yellow Perch	178	58	2	
3	1	Yellow Perch	159	38		
4	1	Yellow Perch	225	121	5	
5	1	Yellow Perch	150	43	2	
6	1	Yellow Perch	161	39	2	
7	1	Yellow Perch	161	44	2	
8	1	Yellow Perch	165	51	2	
9	1	Yellow Perch	154	38	2	
10	1	Yellow Perch	152	35	2	
11	1	Yellow Perch	176	56	2	
12	1	Yellow Perch	150	35	2	
13	1	Yellow Perch	164	43	3	
14	1	Yellow Perch	158	39	2	
15	1	Yellow Perch	200	90	3	
16	1	Yellow Perch	157	38	2	
17	1	Yellow Perch	216	113	3	
18	1	Yellow Perch	157	47	2	
19	1	Yellow Perch	166	46	2	
20	1	Yellow Perch	161	38	2	
21	1	Yellow Perch	155	36	2	
22	1	Yellow Perch	146	30	2	
23	1	Yellow Perch	117	10	1	
24	1	Yellow Perch	134	20	1	
25	1	Yellow Perch	185	66	2	
26	1	Yellow Perch	202	89	3	
27	1	Yellow Perch	137	29	1	
28	1	Yellow Perch	211	93	3	
29	1	Yellow Perch	126	17	1	
30	1	Yellow Perch	174	61	2	
31	1	Yellow Perch	216	110	3	
32	8	Yellow Perch		357		
33	1	Largemouth Bass	342	527	4	
34	3	Pumpkinseed		355		
35	1	Bluegill		118		
36	1	Brown Bullhead	291	328		
37	1	Brown Bullhead	320	356		
38	1	Yellow Perch	119	20		
39	7	Spottail Shiner		27		
40	4	White Sucker		3930		

END TIME: June 15, 1994 22:30
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15849

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	442	1300	6	
2	1	Smallmouth Bass	416	944	6	
3	1	Smallmouth Bass	275	261	3	
4	1	Walleye	376	420	2	
5	1	Largemouth Bass	321	460	3	
6	1	White Perch	276	278	4	
7	1	Yellow Perch	184	82	2	
8	1	Yellow Perch	134	22	1	
9	1	Yellow Perch		60		
10	1	Yellow Perch	182	66	2	
11	1	Yellow Perch	156	37	2	
12	1	Yellow Perch	175	72	2	
13	1	Yellow Perch	134	24	1	
14	1	Yellow Perch	164	41	2	
15	1	Yellow Perch	131	26	1	
16	1	Yellow Perch	125	21	1	
17	1	Yellow Perch	132	23	1	
18	1	Yellow Perch	135	26	1	
19	1	Yellow Perch	100	10	0	
20	1	Yellow Perch	188	64	2	
21	1	Yellow Perch	162	40	2	
22	1	Yellow Perch	145	23	1	
23	1	Yellow Perch	131	26	1	
24	1	Yellow Perch	130	22	1	
25	1	Yellow Perch	186	76	2	
26	1	Yellow Perch	145	27	1	
27	1	Yellow Perch	170	57	2	
28	1	Yellow Perch	130	18	1	
29	1	Yellow Perch	176	55	2	
30	1	Yellow Perch	162	40	2	
31	1	Yellow Perch	137	20	1	
32	1	Yellow Perch	135	20	1	
33	14	Pumpkinseed		1450		
34	1	Pumpkinseed		53		
35	2	Bluegill		181		
36	1	Yellow Bullhead	236	216		
37	1	Golden Shiner		26		
38	1	Spottail Shiner		1.0		
39	1	Mimic Shiner		1.0		
40	5	White Sucker		3790		

END TIME: June 15, 1994 23:43
LOCATION: New Hampshire Setback
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15850

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	Walleye	356	339	2	
2	1	Largemouth Bass	511	1670	6	
3	1	Largemouth Bass	378	711	4	
4	1	Largemouth Bass	413	971	5	
5	1	Largemouth Bass	464	1410	5	
6	1	Smallmouth Bass	424	1090	6	
7	1	Smallmouth Bass	277	265	3	
8	1	Rock Bass	166	92		
9	1	Yellow Perch	177	57	2	
10	1	Yellow Perch	212	118	3	
11	1	Yellow Perch	144	95	2	
12	1	Yellow Perch	153	45	2	
13	1	Yellow Perch	170	56	3	
14	1	Yellow Perch	232	136	4	
15	1	Yellow Perch	285	266	6	
16	1	Yellow Perch	154	36	1	
17	1	Yellow Perch	189	64	2	
18	1	Yellow Perch	144	28	2	
19	1	Yellow Perch	158	36	2	
20	1	Yellow Perch	121	17	1	
21	1	Yellow Bullhead	214	140		
22	2	White Sucker		2370		
23	11	Bluegill		1140		
24	1	White Sucker	149	29		
25	1	Yellow Perch	167	49	2	
26	11	Pumpkinseed		748		
27	1	Yellow Perch	121	22	1	
28	1	Golden Shiner	99	6.0		

END TIME: June 16, 1994 0:50
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15851

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	368	424	2	
2	1	White Perch	283	210	4	
3	1	White Perch	275	279	4	
4	1	Spottail Shiner	85	4.0		
5	1	Yellow Perch	174	64	2	
6	1	Yellow Perch	184	74	2	
7	1	Yellow Perch	182	54	2	
8	1	Yellow Perch	175	47	2	
9	1	Yellow Perch	145	23	1	
10	1	Yellow Perch	166	47	2	
11	1	Yellow Perch	171	49	2	
12	1	Yellow Perch	178	24	2	
13	1	Yellow Perch	167	48	2	
14	1	Yellow Perch	181	63	2	
15	1	Yellow Perch	176	50	2	
16	1	Yellow Perch	191	79	3	
17	1	Yellow Perch	215	109	4	
18	1	Yellow Perch	135	24	1	
19	1	Yellow Perch	173	57	2	
20	1	Yellow Perch	164	52	2	
21	1	Yellow Perch	169	63	2	
22	5	White Sucker		860		
23	1	Common Carp	860	7340		
24	2	Yellow Bullhead		587		
25	15	Bluegill		1440		
26	24	Pumpkinseed		2340		

END TIME: June 14, 1994 22:03
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15852

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker		1220		
2	1	White Sucker		1090		
3	1	White Sucker		1270		
4	1	Common Carp	555	2590		
5	1	Yellow Perch	250	176	4	
6	1	Yellow Perch	132	29	1	
7	1	Yellow Perch	211	102	3	
8	1	Yellow Perch	192	72	2	
9	1	Yellow Perch	165	45	2	
10	1	Yellow Perch	155	39	2	
11	1	Yellow Perch	171	52	2	
12	1	Yellow Perch	141	21	1	
13	1	Largemouth Bass	326	462	3	
14	1	Smallmouth Bass	235	170	3	
15	5	Bluegill		703		
16	5	Pumpkinseed		751		
17	1	Spottail Shiner		2.0		

END TIME: June 16, 1994 21:07
LOCATION: Station 2
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15853

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	336	497	4	
2	1	Smallmouth Bass	208	128	2	
3	1	Smallmouth Bass	193	101	2	
4	1	Smallmouth Bass	99	10	1	
5	2	Bluegill		294		
6	1	Fallfish	204	106		
7	1	Spottail Shiner	74	4.0		
8	1	Spottail Shiner	67	3.0		

END TIME: June 16, 1994 22:15
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15854

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	309	479	5	
2	1	Smallmouth Bass	398	794	5	
3	1	Smallmouth Bass	301	368	3	
4	1	Smallmouth Bass	330	436	3	
5	1	Smallmouth Bass	233	150	2	
6	1	Smallmouth Bass	200	108	2	
7	1	Smallmouth Bass	115	18	1	
8	1	Walleye	410	557	2	
9	1	Walleye	355	327	2	
10	1	Yellow Perch	295	347	6	
11	1	Yellow Perch	262	246	4	
12	1	Yellow Perch	209	94	2	
13	1	American Shad	541	809	5	
14	5	Rock Bass		596		
15	5	Fallfish		398		
16	1	American Eel		851		
17	1	Common Carp		2530		
18	3	White Sucker		2750		

END TIME: June 16, 1994 23:03
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15855

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	188	105	1	
2	1	Smallmouth Bass	274	232	3	
3	1	Smallmouth Bass	250	222	3	
4	1	Smallmouth Bass	312	402	3	
5	1	Smallmouth Bass	322	466	4	
6	1	Smallmouth Bass	397	897	6	
7	1	Smallmouth Bass	311	436	4	
8	1	Smallmouth Bass	248	261	2	
9	1	Smallmouth Bass	258	223	3	
10	1	Smallmouth Bass	233	254	3	
11	1	Smallmouth Bass	264	205	3	
12	1	Smallmouth Bass	196	125	1	
13	1	Smallmouth Bass	370	712	4	
14	1	Smallmouth Bass	274	255	3	
15	1	Yellow Perch	297	407	7	
16	1	Yellow Perch	271	250	6	
17	1	Yellow Perch	306	388	7	
18	4	Spottail Shiner		26		
19	2	Bluegill		257		
20	1	Rock Bass	190	161		
21	5	White Sucker		5400		
22	1	Common Carp		6380		
23	1	American Eel		591		

END TIME: June 16, 1994 23:55
LOCATION: Station 3
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15856

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	249	241	2	
2	1	Yellow Perch	196	81	3	
3	1	Yellow Perch	168	59	2	
4	1	Yellow Perch	171	53	3	
5	4	Rock Bass		1630		
6	1	Bluegill	188	137		
7	1	Pumpkinseed	160	114		
8	1	Fallfish		48		
9	1	Common Carp		2180		
10	1	White Sucker		2360		
11	1	Rock Bass		41		

END TIME: June 17, 1994 0:26
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Electrofishing, 0.2 hours
SAMPLE : 15857

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Northern Pike	544	1030	5	
2	1	Smallmouth Bass	304	380	3	
3	1	Smallmouth Bass	259	243	3	
4	1	Smallmouth Bass	288	280	4	
5	1	Smallmouth Bass	336	484	4	
6	1	Smallmouth Bass	263	247	3	
7	1	Smallmouth Bass	343	546	4	
8	1	Smallmouth Bass	204	122	2	
9	7	Bluegill		780		
10	1	Rock Bass	216	197		
11	2	Rock Bass		147		
12	3	Spottail Shiner		25		
13	2	American Eel		211		
14	6	White Sucker		7240		

END TIME: June 13, 1994 12:05
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 53.3 hours
SAMPLE : 15866

No catch for this collection.

END TIME: June 13, 1994 13:45
LOCATION: Vernon Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15867

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	492	724	6	
2	1	American Shad	433	694	4	
3	1	American Shad	379	484	3	
4	1	American Shad	405	599	4	
5	1	American Shad	462	858	4	
6	1	American Shad	460	788	4	
7	1	American Shad	485	908		
8	1	American Shad	466	855	4	
9	1	American Shad	444	663	4	
10	1	American Shad	475	1040	5	
11	1	American Shad	464	856	4	
12	1	American Shad	440	675	4	
13	1	American Shad	456	822	3	
14	1	American Shad	456	847	4	
15	1	American Shad	449	804	4	
16	1	American Shad	404	594	3	
17	1	American Shad	421	562	3	
18	1	American Shad	424	701	3	
19	1	American Shad	385	425	3	
20	1	American Shad	487	1130	4	
21	1	American Shad	500	1190	5	
22	1	American Shad	419	634	3	
23	1	American Shad	415	676	3	
24	1	American Shad	392	477	3	
25	1	American Shad	496	925	4	
26	1	American Shad	460	852	4	
27	1	American Shad	449	704	4	
28	1	American Shad	514	1140	5	
33	1	American Shad	549	1560	6	
38	1	American Shad	566	1610	5	
43	1	American Shad	545	1810	5	
48	1	American Shad	525	1400	6	
53	1	American Shad	510	1360	6	
58	1	American Shad	575	1980	7	
63	1	American Shad	532	1280	5	
68	1	American Shad	542	1750	5	
73	1	American Shad	512	1340	5	
78	1	American Shad	532	1480	5	
83	1	American Shad	479	1180	5	
88	1	American Shad	432	752	4	

END TIME: June 15, 1994 14:00
LOCATION: Turners Falls Fish Ladder
METHOD : Fish Ladder Trap, 7.0 hours
SAMPLE : 15868

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	505	1180	5	
2	1	American Shad	440	794	4	
3	1	American Shad	428	678	3	
4	1	American Shad	485	945	4	
5	1	American Shad	465	996	4	
6	1	American Shad	515	1160	4	
7	1	American Shad	441	783	4	
8	1	American Shad	434	618	3	
9	1	American Shad	450	770	4	
10	1	American Shad	580	2000	6	
15	1	American Shad	519	1450	5	
20	1	American Shad	543	1850	5	
25	1	American Shad	550	1480	5	
30	1	American Shad	481	1220	4	
35	1	American Shad	531	1510	5	
40	1	American Shad	530	1540	4	
45	1	American Shad	486	1310	5	
50	1	American Shad	545	1470	5	
55	1	American Shad	489	1040	4	
60	1	American Shad	515	1310	5	

END TIME: June 14, 1994 8:05
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.0 hours
SAMPLE : 15869

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	273	351		
2	1	Rock Bass	186	157		
3	1	Rock Bass	171	120		
4	1	Rock Bass	171	125		
5	1	Rock Bass	152	85		
6	1	Rock Bass	160	104		
7	1	Yellow Perch	216	105		
8	1	Yellow Perch	79	6.3		
9	1	Yellow Perch	80	6.3		

END TIME: June 14, 1994 14:35
LOCATION: Vernon Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15885

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	American Shad	472	967	4	
2	1	American Shad	495	870	4	
3	1	American Shad	416	668	3	
4	1	American Shad	455	796	4	
5	1	American Shad	473	804	3	
6	1	American Shad	446	809	4	
7	1	American Shad	451	704	4	
8	1	American Shad	474	928	4	
9	1	American Shad	517	988	4	
10	1	American Shad	484	958	4	
11	1	American Shad	460	834	4	
12	1	American Shad	408	497	3	
13	1	American Shad	445	734	3	
14	1	American Shad	475	808	3	
15	1	American Shad	438	750	4	
16	1	American Shad	427	966	4	
17	1	American Shad	486	1010	4	
18	1	American Shad	421	626	3	
19	1	American Shad	420	577	3	
20	1	American Shad	453	803	4	
21	1	American Shad	465	751	4	
22	1	American Shad	464	722	4	
23	1	American Shad	431	733	4	
24	1	American Shad	432	511	3	
25	1	American Shad	437	639	3	
26	1	American Shad	513	1010	5	
27	1	American Shad	459	877	4	
28	1	American Shad	428	610	4	
29	1	American Shad	403	531	3	
30	1	American Shad	498	921	4	
31	1	American Shad	420	597	3	
32	1	American Shad	457	739	4	
33	1	American Shad	412	587	3	
34	1	American Shad	452	777	3	
35	1	American Shad	383	482	2	
36	1	American Shad	497	1100	5	
37	1	American Shad	489	1220	5	
42	1	American Shad	498	1270	5	
47	1	American Shad	514	1140	5	
52	1	American Shad	519	1180	4	
57	1	American Shad	494	1220	4	
62	1	American Shad	541	1490	6	
67	1	American Shad	506	1130	5	
72	1	American Shad	544	1460	5	
77	1	American Shad	525	1410	4	
82	1	American Shad	495	1100	4	
87	1	American Shad	550	1830	6	
92	1	American Shad	523	1160	5	

END TIME: June 20, 1994 11:46
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 147.7 hours
SAMPLE : 15904

No catch for this collection.

END TIME: June 21, 1994 12:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.3 hours
SAMPLE : 15905

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	200	216		
2	1	Pumpkinseed	168	116		
3	1	Rock Bass	60	4.2		
4	1	Rock Bass	60	4.1		
5	1	Yellow Perch	186	75		

END TIME: June 20, 1994 13:50
LOCATION: Vernon Fish Ladder
METHOD : Fish Ladder Trap
SAMPLE : 15951

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	469	926	4	
2	1	American Shad	431	608	4	
3	1	American Shad	404	590	3	
4	1	American Shad	429	638	3	
5	1	American Shad	435	641	3	
6	1	American Shad	456	801	4	
7	1	American Shad	430	632	3	
8	1	American Shad	402	538	3	
9	1	American Shad	417	601	3	
10	1	American Shad	436	756	4	
11	1	American Shad	491	1090	4	
12	1	American Shad	430	650	4	
13	1	American Shad	461	762	4	
14	1	American Shad	426	687	3	
15	1	American Shad	412	556	3	
16	1	American Shad	496	908	4	
17	1	American Shad	396	525	3	
18	1	American Shad	400	487	3	
19	1	American Shad	430	701	4	
20	1	American Shad	503	1150	5	
21	1	American Shad	490	912	4	
22	1	American Shad	430	668	4	
23	1	American Shad	430	593	4	
24	1	American Shad	475	909	4	
25	1	American Shad	471	838	4	
26	1	American Shad	438	660	3	
27	1	American Shad	425	570	3	
28	1	American Shad	527	1530	4	
33	1	American Shad	542	1420	5	
38	1	American Shad	496	923	4	

END TIME: July 5, 1994 21:08
LOCATION: Ashuelot Island
METHOD : Electrofishing, 0.3 hours
SAMPLE : 15978

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	28	0.3		
2	1	American Shad	27	0.2		

END TIME: July 5, 1994 21:42
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15981

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	34	0.4		
2	1	American Shad	34	0.4		
3	1	American Shad	36	0.4		
4	1	American Shad	42	0.8		
5	1	American Shad	38	0.6		
6	1	American Shad	36	0.5		
7	1	American Shad	37	0.5		
8	1	American Shad	40	0.7		
9	1	American Shad	32	0.3		
10	1	American Shad	33	0.3		
11	1	American Shad	33	0.4		
12	1	American Shad	35	0.4		
13	1	American Shad	34	0.4		
14	1	American Shad	34	0.3		
15	1	American Shad	33	0.4		
16	1	American Shad	31	0.3		
17	1	American Shad	35	0.4		
18	1	American Shad	31	0.3		

END TIME: July 5, 1994 22:06
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15982

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	36	0.5		
2	1	American Shad	29	0.2		

END TIME: July 5, 1994 22:16
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15983

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	30	0.2		

END TIME: July 5, 1994 22:35
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15984

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	American Shad	36	0.5		
2	1	American Shad	39	0.6		
3	1	American Shad	36	0.5		
4	1	American Shad	33	0.4		
5	1	American Shad	35	0.5		
6	1	American Shad	40	0.7		
7	1	American Shad	38	0.6		
8	1	American Shad	38	0.5		
9	1	American Shad	36	0.5		
10	1	American Shad	30	0.2		
11	1	American Shad	31	0.2		
12	1	American Shad	37	0.6		
13	1	American Shad		0.5		
14	1	American Shad	33	0.3		
15	1	American Shad	25	0.1		
16	1	American Shad	35	0.3		
17	1	American Shad	28	0.3		
18	1	American Shad	27	0.2		
19	1	American Shad	31	0.3		
20	1	American Shad		0.5		
21	1	American Shad	37	0.6		

END TIME: July 5, 1994 23:02
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 15986

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	33	0.4		

END TIME: July 19, 1994 21:28
LOCATION: Stebbin Island - New Hampshire - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16024

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	39	0.5		
2	1	American Shad	41	0.8		

END TIME: July 19, 1994 21:39
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.2 hours
SAMPLE : 16025

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	51	1.4		
2	1	American Shad	49	1.1		
3	1	American Shad	39	0.6		
4	1	American Shad	45	1.0		
5	1	American Shad	42	0.8		
6	1	American Shad	37	0.5		
7	1	American Shad	36	0.4		
8	1	American Shad	39	0.7		
9	1	American Shad	45	1.0		
10	1	American Shad	30	0.3		
11	1	American Shad	42	0.8		
12	1	American Shad	39	0.5		

END TIME: July 19, 1994 22:00
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.2 hours
SAMPLE : 16026

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	American Shad	53	1.4		
2	1	American Shad	46	1.0		
3	1	American Shad	49	1.3		
4	1	American Shad	50	1.3		
5	1	American Shad	45	1.0		
6	1	American Shad	44	0.8		
7	1	American Shad	50	1.3		
8	1	American Shad	41	0.7		
9	1	American Shad	43	0.9		
10	1	American Shad	38	0.6		
11	1	American Shad	42	0.8		
12	1	American Shad	36	0.4		

END TIME: July 19, 1994 22:12
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16027

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	57	2.0		
2	1	American Shad	57	2.0		
3	1	American Shad	55	1.8		
4	1	American Shad	60	2.3		
5	1	American Shad	57	2.0		
6	1	American Shad	54	1.6		
7	1	American Shad	45	0.9		
8	1	American Shad	49	1.1		
9	1	American Shad	49	1.2		
10	1	American Shad	50	1.3		
11	1	American Shad	53	1.5		
12	1	American Shad	53	1.5		
13	1	American Shad	34	0.4		
14	1	American Shad	40	0.7		
15	1	American Shad	48	1.2		
16	1	American Shad	45	1.0		
17	1	American Shad	40	0.7		
18	1	American Shad	49	1.0		
19	1	American Shad	48	1.1		
20	1	American Shad	42	0.8		
21	1	American Shad	41	0.9		
22	1	American Shad	41	0.8		
23	1	American Shad	40	0.7		

END TIME: July 19, 1994 22:16
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16028

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	48	1.1		
2	1	American Shad	47	1.1		
3	1	American Shad	44	0.9		
4	1	American Shad	43	0.9		
5	1	American Shad	42	0.7		
6	1	American Shad	46	1.0		
7	1	American Shad	51	1.5		
8	1	American Shad	43	0.9		
9	1	American Shad	46	1.0		
10	1	American Shad	46	1.1		
11	1	American Shad	50	1.2		
12	1	American Shad	43	0.8		
13	1	American Shad	51	1.3		
14	1	American Shad	59	2.3		
15	1	American Shad	52	1.5		
16	1	American Shad	55	1.9		
17	1	American Shad	57	2.1		
18	1	American Shad	56	1.8		
19	1	American Shad	55	1.7		
20	1	American Shad	57	2.3		
21	1	American Shad	48	1.3		
22	1	American Shad	50	1.5		
23	1	American Shad	43	0.8		
24	1	American Shad	48	1.0		
25	1	American Shad	50	1.4		
26	1	American Shad	42	0.9		
27	1	American Shad	49	1.4		
28	1	American Shad	51	1.2		
29	1	American Shad	51	1.5		
30	1	American Shad	44	0.9		
31	1	American Shad	45	1.0		
32	1	American Shad	46	1.0		
33	1	American Shad	45	1.0		
34	1	American Shad	45	1.0		
35	1	American Shad	45	1.1		
36	1	American Shad	46	1.1		
37	1	American Shad	45	1.0		
38	1	American Shad	45	0.9		
39	1	American Shad	45	1.0		
40	1	American Shad	47	1.0		
41	1	American Shad	41	0.7		
42	1	American Shad	42	0.8		
43	1	American Shad	40	0.8		
44	1	American Shad	38	0.6		
45	1	American Shad	42	0.8		

END TIME: July 19, 1994 22:27
LOCATION: Station 3 - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16029

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	45	1.0		
2	1	American Shad	47	1.4		
3	1	American Shad	42	1.5		
4	1	American Shad	48	1.3		
5	1	American Shad	48	1.2		
6	1	American Shad	60	2.3		
7	1	American Shad	49	1.3		
8	1	American Shad	45	0.9		
9	1	American Shad	43	1.0		
10	1	American Shad	51	1.4		
11	1	American Shad	55	1.7		
12	1	American Shad	50	1.4		
13	1	American Shad	49	1.4		
14	1	American Shad	54	1.6		
15	1	American Shad	50	1.3		
16	1	American Shad	45	1.0		
17	1	American Shad	45	1.0		
18	1	American Shad	50	1.3		
19	1	American Shad	46	1.0		
20	1	American Shad	45	1.0		
21	1	American Shad	44	0.9		
22	1	American Shad	44	0.9		
23	1	American Shad	40	0.6		
24	1	American Shad	40	0.6		
25	1	American Shad	40	0.7		
26	1	American Shad	37	0.6		
27	1	American Shad	38	1.1		
28	1	American Shad	38	1.3		
29	1	American Shad	51	1.5		

END TIME: July 19, 1994 22:32
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16030

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	American Shad	46	1.0		
2	1	American Shad	40	0.6		
3	1	American Shad	54	1.5		
4	1	American Shad	52	1.5		
5	1	American Shad	51	1.5		
6	1	American Shad	41	0.6		
7	1	American Shad	58	2.2		
8	1	American Shad	50	1.2		
9	1	American Shad	51	1.5		
10	1	American Shad	52	1.4		
11	1	American Shad	55	1.9		
12	1	American Shad	60	2.3		
13	1	American Shad	56	1.9		
14	1	American Shad	58	2.2		
15	1	American Shad	53	1.7		
16	1	American Shad	49	1.3		
17	1	American Shad	48	1.0		
18	1	American Shad	56	1.9		
19	1	American Shad	53	1.6		
20	1	American Shad	49	1.3		
21	1	American Shad	49	1.2		
22	1	American Shad	49	1.3		
23	1	American Shad	48	1.3		
24	1	American Shad	56	1.8		
25	1	American Shad	47	1.1		
26	1	American Shad	51	1.4		
27	1	American Shad	49	1.3		
28	1	American Shad	48	1.2		
29	1	American Shad	48	1.2		
30	1	American Shad	49	1.2		
31	1	American Shad	49	1.2		
32	1	American Shad	57	1.6		
33	1	American Shad	54	1.6		
34	1	American Shad	49	1.3		
35	1	American Shad	53	1.6		
36	1	American Shad	53	1.5		
37	1	American Shad	52	1.4		
38	1	American Shad	54	1.7		
39	1	American Shad	52	1.6		
40	1	American Shad	52	1.4		
41	1	American Shad	56	2.0		
42	1	American Shad	52	1.7		
43	1	American Shad	35	0.5		
44	1	American Shad	48	1.1		
45	1	American Shad	52	1.4		
46	1	American Shad	51	1.5		
47	1	American Shad	48	1.2		
48	1	American Shad	46	1.1		
49	1	American Shad	48	1.2		
50	1	American Shad	44	1.0		
51	1	American Shad	45	0.9		
52	1	American Shad	45	0.9		
53	1	American Shad	48	1.2		
54	1	American Shad	41	0.7		
55	1	American Shad	49	1.2		
56	1	American Shad	43	0.8		
57	1	American Shad	44	0.9		
58	1	American Shad	40	0.7		
59	1	American Shad	39	0.6		
60	1	American Shad	42	0.8		

END TIME: July 19, 1994 22:44
LOCATION: 0.1 Miles South of Vernon Dam - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16031

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	56	1.8		
2	1	American Shad	44	1.4		
3	1	American Shad	44	0.9		

END TIME: July 19, 1994 22:46
LOCATION: 0.1 Miles South of Vernon Dam - II
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16032

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	60	2.2		
2	1	American Shad	65	2.8		
3	1	American Shad	61	2.5		
4	1	American Shad	59	1.9		
5	1	American Shad	59	2.2		
6	1	American Shad	53	1.5		
7	1	American Shad	59	2.2		
8	1	American Shad	59	2.1		
9	1	American Shad	55	1.9		
10	1	American Shad	59	2.0		
11	1	American Shad	65	3.0		
12	1	American Shad	54	1.7		
13	1	American Shad	55	1.7		
14	1	American Shad	52	1.5		
15	1	American Shad	56	1.9		
16	1	American Shad	55	1.8		
17	1	American Shad	54	1.8		
18	1	American Shad	52	1.6		
19	1	American Shad	50	1.4		
20	1	American Shad	50	1.1		
21	1	American Shad	56	1.8		
22	1	American Shad	54	1.6		
23	1	American Shad	44	1.0		
24	1	American Shad	44	1.0		
25	1	American Shad	47	1.1		
26	1	American Shad	48	1.2		
27	1	American Shad	47	1.0		
28	1	American Shad	51	1.3		
29	1	American Shad	49	1.2		
30	1	American Shad	52	1.5		
31	1	American Shad	42	0.7		
32	1	American Shad	60	2.1		
33	1	American Shad	45	1.0		

END TIME: August 2, 1994 21:00
LOCATION: Stebbin Island - New Hampshire - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16043

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	53	1.5		
2	1	American Shad	57	2.1		
3	1	American Shad	59	2.2		
4	1	American Shad	56	1.7		
5	1	American Shad	51	1.3		
6	1	American Shad	64	3.0		
7	1	American Shad	58	1.8		
8	1	American Shad	70	3.6		
9	1	American Shad	61	2.3		
10	1	American Shad	66	3.0		
11	1	American Shad	60	2.1		
12	1	American Shad	47	0.9		
13	1	American Shad	53	1.6		
14	1	American Shad	71	3.6		
15	1	American Shad	67	3.1		
16	1	American Shad	64	2.7		
17	1	American Shad	53	1.4		
18	1	American Shad	63	2.6		
19	1	American Shad	62	2.5		
20	1	American Shad	45	0.8		
21	1	American Shad	59	2.0		
22	1	American Shad	60	2.1		
23	1	American Shad	55	1.7		
24	1	American Shad	51	1.4		
25	1	American Shad	58	2.1		
26	1	American Shad	50	1.2		
27	1	American Shad	54	1.8		
28	1	American Shad	49	1.2		
29	1	American Shad	52	1.3		
30	1	American Shad	55	1.7		
31	1	American Shad	46	1.0		
32	1	American Shad	44	0.9		
33	1	American Shad	47	0.9		
34	1	American Shad	56	1.7		
35	1	American Shad	50	1.2		

END TIME: August 2, 1994 21:08
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16044

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	61	2.0		
2	1	American Shad	55	1.5		
3	1	American Shad	55	1.6		
4	1	American Shad	55	1.5		
5	1	American Shad	48	1.0		

END TIME: August 2, 1994 21:25
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16045

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	66	2.6		
2	1	American Shad	52	1.2		
3	1	American Shad	64	2.3		
4	1	American Shad	68	2.8		
5	1	American Shad	52	1.3		
6	1	American Shad	59	1.9		

END TIME: August 2, 1994 21:36
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16046

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	49	1.1		
2	1	American Shad	62	2.3		
3	1	American Shad	62	2.5		
4	1	American Shad	63	2.6		
5	1	American Shad	59	1.9		
6	1	American Shad	62	2.4		
7	1	American Shad	57	1.9		
8	1	American Shad	54	1.6		
9	1	American Shad	63	2.8		
10	1	American Shad	59	2.3		
11	1	American Shad	50	1.3		
12	1	American Shad	56	2.0		
13	1	American Shad	59	1.9		
14	1	American Shad	55	1.4		
15	1	American Shad	52	1.4		
16	1	American Shad	49	1.1		
17	1	American Shad	47	1.1		
18	1	American Shad	51	1.3		
19	1	American Shad	54	1.5		
20	1	American Shad	50	1.2		
21	1	American Shad	57	1.8		
22	1	American Shad	60	2.6		
23	1	American Shad	53	1.4		
24	1	American Shad	52	1.2		
25	1	American Shad	47	1.1		
26	1	American Shad	52	1.3		
27	1	American Shad	46	1.1		
28	1	American Shad	48	1.0		

END TIME: August 2, 1994 21:41
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16047

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	56	1.9		
2	1	American Shad	61	2.5		
3	1	American Shad	55	1.7		
4	1	American Shad	61	2.3		
5	1	American Shad	50	1.3		
6	1	American Shad	58	2.1		
7	1	American Shad	58	1.9		
8	1	American Shad	64	2.8		
9	1	American Shad	53	1.4		
10	1	American Shad	57	1.8		
11	1	American Shad	50	1.1		
12	1	American Shad	45	0.8		
13	1	American Shad	53	1.1		
14	1	American Shad	58	1.8		
15	1	American Shad	44	0.7		
16	1	American Shad	71	2.4		
17	1	American Shad	51	1.0		
18	1	American Shad	52	1.2		
19	1	American Shad	50	1.1		
20	1	American Shad	72	2.3		
21	1	American Shad		1.1		
22	1	American Shad	51	1.2		
23	1	American Shad	55	1.4		
24	1	American Shad	55	1.4		
25	1	American Shad	55	1.4		
26	1	American Shad	54	1.3		
27	1	American Shad	51	1.1		
28	1	American Shad	62	1.6		
29	1	American Shad	60	2.1		
30	1	American Shad	51	1.2		
31	1	American Shad	57	1.8		
32	1	American Shad	51	1.3		
33	1	American Shad	49	0.9		
34	1	American Shad	41	0.6		
35	1	American Shad	57	1.8		

END TIME: August 2, 1994 21:57
LOCATION: Station 3 - I
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16048

Fish ID	Number of fish	Species	Length (mm)	Weight g)	Annuli (number)	Tag Number
1	1	American Shad	60	2.2		
2	1	American Shad	54	1.5		
3	1	American Shad	51	1.3		
4	1	American Shad	58	1.9		
5	1	American Shad	56	1.7		
6	1	American Shad	50	1.3		
7	1	American Shad	66	2.6		
8	1	American Shad	56	1.7		
9	1	American Shad	63	2.4		
10	1	American Shad	62	2.6		
11	1	American Shad	61	2.4		
12	1	American Shad	61	2.3		
13	1	American Shad	62	2.5		
14	1	American Shad	59	2.0		
15	1	American Shad	56	1.7		
16	1	American Shad	66	2.8		
17	1	American Shad	64	2.7		
18	1	American Shad	57	1.9		
19	1	American Shad	64	2.7		
20	1	American Shad	64	2.7		
21	1	American Shad	65	3.0		
22	1	American Shad	59	2.1		
23	1	American Shad	68	3.4		
24	1	American Shad	66	3.1		
25	1	American Shad	51	1.4		
26	1	American Shad	58	1.9		
27	1	American Shad	55	1.6		
28	1	American Shad	52	1.3		
29	1	American Shad	52	1.4		
30	1	American Shad	60	2.1		
31	1	American Shad	64	2.5		
32	1	American Shad	54	1.5		
33	1	American Shad	48	0.9		
34	1	American Shad	59	2.0		

END TIME: August 2, 1994 22:01
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16049

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad		2.5		
2	1	American Shad	66	2.9		
3	1	American Shad	63	2.6		
4	1	American Shad	63	2.6		
5	1	American Shad	55	1.6		
6	1	American Shad		3.1		
7	1	American Shad	72	4.1		
8	1	American Shad	62	2.5		
9	1	American Shad	60	2.3		
10	1	American Shad	60	2.3		
11	1	American Shad	69	3.5		
12	1	American Shad	63	2.5		
13	1	American Shad	64	3.0		
14	1	American Shad	69	3.7		
15	1	American Shad	62	2.7		
16	1	American Shad	64	3.0		
17	1	American Shad	59	2.4		
18	1	American Shad	60	2.1		
19	1	American Shad	65	2.9		
20	1	American Shad	70	3.7		
21	1	American Shad	59	2.3		
22	1	American Shad	69	3.8		
23	1	American Shad	63	2.7		
24	1	American Shad	58	2.2		
25	1	American Shad	61	2.4		
26	1	American Shad	63	2.5		
27	1	American Shad	59	2.2		
28	1	American Shad	62	2.5		
29	1	American Shad	66	3.0		
30	1	American Shad	52	1.3		
31	1	American Shad	54	1.6		
32	1	American Shad	60	2.3		
33	1	American Shad	62	2.5		
34	1	American Shad	53	1.5		
35	1	American Shad		1.9		
36	1	American Shad	62	2.6		
37	1	American Shad		1.8		
38	1	American Shad	48	1.0		
39	1	American Shad	53	1.2		

END TIME: August 2, 1994 22:40
LOCATION: 0.1 Miles South of Vernon Dam - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16050

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	59	2.1		
2	1	American Shad	57	1.9		
3	1	American Shad	65	2.8		
4	1	American Shad	58	2.0		
5	1	American Shad	55	1.8		

END TIME: August 2, 1994 22:45
LOCATION: 0.1 Miles South of Vernon Dam - II
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16051

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	54	1.4		
2	1	American Shad	65	2.8		
3	1	American Shad	58	2.1		
4	1	American Shad	53	1.5		
5	1	American Shad	62	2.4		
6	1	American Shad	70	3.5		
7	1	American Shad	62	2.5		
8	1	American Shad	63	2.6		
9	1	American Shad	64	2.7		
10	1	American Shad	67	3.2		
11	1	American Shad	62	2.5		
12	1	American Shad	57	1.8		
13	1	American Shad	62	2.6		
14	1	American Shad	62	2.5		
15	1	American Shad	60	2.2		
16	1	American Shad	62	2.5		
17	1	American Shad	66	3.1		
18	1	American Shad	70	3.6		
19	1	American Shad	67	3.1		
20	1	American Shad	61	2.3		
21	1	American Shad	65	2.8		
22	1	American Shad	55	1.6		
23	1	American Shad	55	1.7		
24	1	American Shad	60	2.1		
25	1	American Shad	67	2.8		
26	1	American Shad	60	2.2		
27	1	American Shad	56	1.7		
28	1	American Shad	56	1.8		
29	1	American Shad	52	1.3		
30	1	American Shad	55	1.8		
31	1	American Shad	57	1.8		

END TIME: August 3, 1994 11:18
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.9 hours
SAMPLE : 16052

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	203	174		
2	1	Rock Bass	143	73		
3	1	Rock Bass	100	23		
4	1	Smallmouth Bass	71	4.6		
5	1	Smallmouth Bass	55	2.1		
6	1	Smallmouth Bass	60	2.2		
7	1	Smallmouth Bass	53	1.7		
8	1	Largemouth Bass	55	2.2		
9	1	Walleye	97	6.2		
10	1	Walleye	75	2.4		
11	1	Walleye	83	3.8		

END TIME: August 2, 1994 13:25
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens
SAMPLE : 16053

No catch for this collection.

END TIME: August 10, 1994 10:15
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 166.9 hours
SAMPLE : 16054

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	78	4.2		

END TIME: August 11, 1994 13:18
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 27.0 hours
SAMPLE : 16063

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	75	4.3		
2	1	Golden Shiner	95	5.7		
3	1	Golden Shiner	77	3.4		
4	1	Golden Shiner	76	3.8		

END TIME: August 12, 1994 10:20
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.0 hours
SAMPLE : 16069

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	151	62		
2	1	Smallmouth Bass	79	5.9		

END TIME: August 13, 1994 10:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 23.7 hours
SAMPLE : 16070

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	154	50		
2	1	Lepomis sp.	42	1.0		
3	1	Smallmouth Bass	75	5.2		
4	1	Smallmouth Bass	63	3.0		

END TIME: August 15, 1994 12:51
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 50.8 hours
SAMPLE : 16071

No catch for this collection.

END TIME: August 16, 1994 10:28
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 12.6 hours
SAMPLE : 16072

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	59	2.9		
2	1	Lepomis sp.	36	1.2		

END TIME: August 15, 1994 20:55
LOCATION: Stebbin Island - New Hampshire - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16076

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	68	3.4		
2	1	American Shad	79	4.9		
3	1	American Shad	69	3.1		
4	1	American Shad	79	4.9		
5	1	American Shad	66	3.1		
6	1	American Shad	65	2.8		
7	1	American Shad	72	4.1		
8	1	American Shad	79	5.3		
9	1	American Shad	71	3.7		
10	1	American Shad	70	3.5		
11	1	American Shad	71	3.6		
12	1	American Shad	69	3.4		
13	1	American Shad	67	3.3		
14	1	American Shad	70	3.7		
15	1	American Shad	62	2.3		
16	1	American Shad	57	1.8		
17	1	American Shad	70	3.4		
18	1	American Shad	69	3.2		
19	1	American Shad	75	4.2		

END TIME: August 15, 1994 21:03
LOCATION: Stebbin Island - New Hampshire - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16077

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	73	3.9		
2	1	American Shad	75	4.1		
3	1	American Shad	73	4.1		
4	1	American Shad	72	3.8		
5	1	American Shad	72	3.7		
6	1	American Shad	71	3.1		
7	1	American Shad	63	2.6		

END TIME: August 15, 1994 21:10
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing 0.1 hours
SAMPLE : 16078

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	74	3.8		
2	1	American Shad	79	4.9		
3	1	American Shad	66	2.8		
4	1	American Shad	66	3.0		
5	1	American Shad	72	3.6		
6	1	American Shad	76	4.3		
7	1	American Shad	75	4.1		
8	1	American Shad	75	4.1		
9	1	American Shad	74	3.9		
10	1	American Shad	69	3.0		
11	1	American Shad	61	2.3		
12	1	American Shad	67	2.9		
13	1	American Shad	69	3.3		
14	1	American Shad	76	4.4		
15	1	American Shad	72	3.9		
16	1	American Shad	71	3.4		
17	1	American Shad	65	2.8		

END TIME: August 15, 1994 21:40
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16079

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	59	1.8		
2	1	American Shad	70	3.2		
3	1	American Shad	61	2.3		
4	1	American Shad	85	5.7		
5	1	American Shad	64	2.4		
6	1	American Shad	80	5.1		
7	1	American Shad	75	4.1		
8	1	American Shad	65	2.8		
9	1	American Shad	57	1.7		
10	1	American Shad	70	3.4		
11	1	American Shad	65	2.5		
12	1	American Shad	70	3.4		
13	1	American Shad	72	3.4		

END TIME: August 15, 1994 21:59
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.2 hours
SAMPLE : 16080

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	62	2.3		
2	1	American Shad	69	3.3		
3	1	American Shad	76	4.0		
4	1	American Shad	56	1.6		
5	1	American Shad	71	3.5		
6	1	American Shad	71	3.5		
7	1	American Shad	66	2.6		
8	1	American Shad	70	3.5		
9	1	American Shad	62	2.3		
10	1	American Shad	65	2.6		
11	1	American Shad	61	2.0		
12	1	American Shad	55	1.5		
13	1	American Shad	69	3.1		
14	1	American Shad	75	3.9		
15	1	American Shad	68	3.0		
16	1	American Shad	63	2.4		
17	1	American Shad	49	1.2		

END TIME: August 15, 1994 22:11
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.2 hours
SAMPLE : 16081

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	61	2.1		
2	1	American Shad	66	2.6		
3	1	American Shad	70	3.5		
4	1	American Shad	62	2.3		
5	1	American Shad	70	3.0		
6	1	American Shad	74	3.7		
7	1	American Shad	59	1.9		
8	1	American Shad	63	2.3		
9	1	American Shad	63	2.2		
10	1	American Shad	62	2.3		
11	1	American Shad	71	3.2		
12	1	American Shad	66	2.8		
13	1	American Shad	72	3.8		
14	1	American Shad	67	2.7		
15	1	American Shad	64	2.5		
16	1	American Shad	67	2.7		
17	1	American Shad	72	3.2		
18	1	American Shad	60	1.5		
19	1	American Shad		0.9		
20	1	American Shad	67	2.8		
21	1	American Shad	63	2.4		

END TIME: August 15, 1994 22:54
LOCATION: Station 3 - I
METHOD : Electrofishing 0.1 hours
SAMPLE : 16082

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	68	2.8		
2	1	American Shad	67	3.3		
3	1	American Shad	62	2.5		
4	1	American Shad	67	2.7		
5	1	American Shad	62	2.3		
6	1	American Shad	63	2.6		
7	1	American Shad	67	3.1		
8	1	American Shad	60	2.3		
9	1	American Shad	52	1.3		
10	1	American Shad	61	2.3		
11	1	American Shad	64	2.8		
12	1	American Shad	67	3.2		
13	1	American Shad	74	4.8		
14	1	American Shad	64	2.5		
15	1	American Shad	66	2.9		
16	1	American Shad	62	2.5		
17	1	American Shad	68	3.3		
18	1	American Shad	67	2.9		
19	1	American Shad	67	3.1		
20	1	American Shad	64	2.7		
21	1	American Shad	62	2.5		
22	1	American Shad	73	4.3		
23	1	American Shad	68	3.3		
24	1	American Shad	66	3.1		
25	1	American Shad	72	3.5		
26	1	American Shad	72	3.8		
27	1	American Shad	63	2.4		
28	1	American Shad	68	3.1		
29	1	American Shad	57	1.8		
30	1	American Shad	70	3.4		
31	1	American Shad	64	2.4		
32	1	American Shad	65	2.6		
33	1	American Shad	68	3.3		
34	1	American Shad	73	3.5		
35	1	American Shad	67	2.7		
36	1	American Shad	49	1.2		
37	1	American Shad	63	2.7		

END TIME: August 15, 1994 23:11
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.0 hours
SAMPLE : 16083

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	66	2.5		
2	1	American Shad	63	2.3		
3	1	American Shad	61	2.0		
4	1	American Shad	64	2.3		
5	1	American Shad	64	2.4		
6	1	American Shad	65	2.8		
7	1	American Shad	71	3.2		
8	1	American Shad	76	4.0		
9	1	American Shad	76	4.0		
10	1	American Shad	66	2.3		
11	1	American Shad	58	1.7		
12	1	American Shad	71	3.5		
13	1	American Shad	74	3.8		
14	1	American Shad	62	2.2		
15	1	American Shad	75	3.8		
16	1	American Shad	67	3.0		
17	1	American Shad	67	2.8		
18	1	American Shad	64	2.6		
19	1	American Shad	64	2.5		
20	1	American Shad	62	2.2		

END TIME: August 15, 1994 23:25
LOCATION: 0.1 Miles South of Vernon Dam - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16084

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	71	3.1		
2	1	American Shad	73	3.8		
3	1	American Shad	73	3.6		

END TIME: August 15, 1994 23:33
LOCATION: 0.1 Miles South of Vernon Dam - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16085

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	70	3.0		
2	1	American Shad	70	2.9		
3	1	American Shad	67	2.6		
4	1	American Shad	82	5.3		
5	1	American Shad	71	3.3		
6	1	American Shad	64	2.2		
7	1	American Shad	66	2.7		
8	1	American Shad	70	3.0		
9	1	American Shad	70	3.0		
10	1	American Shad	71	3.3		
11	1	American Shad	68	2.7		
12	1	American Shad	74	3.5		
13	1	American Shad	74	3.5		
14	1	American Shad	71	3.0		
15	1	American Shad	71	3.3		
16	1	American Shad	69	2.7		
17	1	American Shad	71	3.0		
18	1	American Shad	66	2.5		
19	1	American Shad	72	3.7		
20	1	American Shad	71	3.2		
21	1	American Shad	64	2.3		
22	1	American Shad	70	3.0		
23	1	American Shad	66	2.4		
24	1	American Shad	66	2.6		

END TIME: August 21, 1994 13:11
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 122.7 hours
SAMPLE : 16137

No catch for this collection.

END TIME: August 22, 1994 9:40
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.5 hours
SAMPLE : 16138

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	65	2.6		
2	1	Smallmouth Bass	70	3.5		
3	1	Lepomis sp.	53	2.0		

END TIME: August 29, 1994 16:55
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 175.3 hours
SAMPLE : 16147

No catch for this collection.

END TIME: August 30, 1994 15:04
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 22.1 hours
SAMPLE : 16148

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	137	52		
2	1	Yellow Perch	73	3.1		
3	1	Smallmouth Bass	66	3.0		

END TIME: September 6, 1994 14:39
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 167.6 hours
SAMPLE : 16149

No catch for this collection.

END TIME: September 7, 1994 10:06
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 19.5 hours
SAMPLE : 16150

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	73	3.7		
2	1	Yellow Perch	66	2.0		

END TIME: September 13, 1994 19:50
LOCATION: Rum Point
METHOD : Electrofishing, 0.4 hours
SAMPLE : 16159

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	522	2730	8	
2	1	Largemouth Bass	343	593	4	
3	1	Largemouth Bass	469	1650	7	
4	1	Largemouth Bass	314	447	4	
5	1	Yellow Perch	220	102	4	
6	1	White Sucker	459	1010		
7	8	Golden Shiner		178		
8	3	Pumpkinseed		336		
9	1	Yellow Perch	71	3.0	0	
10	2	Mimic Shiner		2.0		
11	1	Pumpkinseed	96	15		
12	1	Spottail Shiner		1.0		

END TIME: September 13, 1994 21:02
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.4 hours
SAMPLE : 16160

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	444	1350	6	
2	2	White Sucker		2350		
3	2	Golden Shiner		18		
4	1	Pumpkinseed	158	84		

END TIME: September 13, 1994 23:13
LOCATION: Station 5-Vermont
METHOD : Electrofishing 0.3 hours
SAMPLE : 16161

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker		921		
2	1	Yellow Perch	211	89	3	
3	1	Golden Shiner		103		
4	1	Yellow Perch	170	54	2	
5	2	Bluegill		321		
6	2	Golden Shiner		17		

END TIME: September 14, 1994 21:55
LOCATION: New Hampshire Setback
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16162

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	325	397	3	
2	1	Largemouth Bass	381	856	4	
3	1	Largemouth Bass	346	614	3	
4	1	Largemouth Bass	448	1360	6	
5	1	Largemouth Bass	432	1280	6	
6	1	Largemouth Bass	352	648	4	
7	1	Largemouth Bass	286	311	3	
8	1	Largemouth Bass	386	893	4	
9	1	Largemouth Bass	400	879	5	
10	1	Largemouth Bass	236	208	3	
11	1	Largemouth Bass	373	792	5	
12	1	Largemouth Bass	396	877	6	
13	1	Smallmouth Bass	243	191	3	
14	1	Brown Bullhead	219	141		
15	1	Yellow Perch	184	51	3	
16	1	Yellow Perch	183	52	3	
17	1	Yellow Perch	147	23	2	
18	1	Yellow Perch	190	63	3	
19	1	White Sucker		1100		
20	1	Yellow Perch	236	148	5	
21	1	Yellow Perch	143	31	2	
22	1	Yellow Perch	162	31	2	
23	3	Golden Shiner		98		
24	8	Bluegill		831		
25	2	Rock Bass		243		
26	1	Bluegill		78		
27	3	Pumpkinseed		47		
28	2	Golden Shiner		26		
29	1	Spottail Shiner		2.0		
30	1	Mimic Shiner		1.0		
31	3	Lepomis spp.		3.0		

END TIME: September 14, 1994 20:58
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16163

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	364	548	4	
2	1	Largemouth Bass	341	521	4	
3	2	White Sucker		2350		
4	1	Yellow Perch	156	30	2	
5	1	Yellow Perch	246	154	5	
6	1	Yellow Perch	188	62	3	
7	4	Bluegill		617		
8	3	Golden Shiner		126		
9	1	Pumpkinseed		147		
10	2	Spottail Shiner		3.0		
11	1	Mimic Shiner		1.0		
12	1	American Eel		786		

END TIME: September 14, 1994 19:50
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16164

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	290	408	5	
2	1	Yellow Perch	176	56	2	
3	1	Yellow Perch	171	46	2	
4	1	Yellow Perch	166	38	2	
5	1	Yellow Perch	222	116	4	
6	1	Yellow Perch	156	43	2	
7	1	Yellow Perch	155	38	2	
8	1	Yellow Perch	179	43	2	
9	1	Yellow Perch	66	2.0	0	
10	1	Yellow Perch	175	45	2	
11	1	Yellow Perch	179	62	3	
12	1	Yellow Perch	140	22	1	
13	6	Bluegill		1080		
14	4	Pumpkinseed		181		
15	1	White Sucker		94		
16	6	Spottail Shiner		41		
17	1	Mimic Shiner		1.0		
18	1	White Perch	91	16	0	
19	1	White Perch	74	10	0	

END TIME: September 15, 1994 19:43
LOCATION: Station 2
METHOD : Electrofishing; 0.3 hours
SAMPLE : 16165

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	6	White Sucker		5800		
2	1	Bluegill		53		
3	2	Rock Bass		62		
4	1	Smallmouth Bass	116	16	0	
5	1	Smallmouth Bass	84	7.0	0	
6	1	Smallmouth Bass	91	7.0	0	
7	1	Smallmouth Bass	110	18	0	
8	1	Smallmouth Bass	74	7.0	0	

END TIME: September 15, 1994 20:42
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16166

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	273	227	3	
2	1	Smallmouth Bass	308	391	3	
3	1	Smallmouth Bass	333	506	4	
4	1	Smallmouth Bass	308	419	3	
5	1	Smallmouth Bass	285	353	4	
6	1	Smallmouth Bass	251	232	4	
7	1	Smallmouth Bass	347	627	4	
8	1	Walleye	414	507	2	
9	1	White Sucker		1070		
10	1	American Shad	91	3.0		
11	1	American Shad	94	3.0		
12	1	American Shad	89	3.0		
13	1	American Shad	92	3.0		
14	1	American Shad	91	3.0		
15	1	American Shad	92	3.0		
16	1	American Shad	93	3.0		
17	1	American Shad	90	3.0		
18	1	American Shad	82	3.0		
19	1	American Shad	100	3.0		
20	1	Bluegill	56	2.0		
21	1	Yellow Perch	164	56	1	

END TIME: September 15, 1994 21:52
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.4 hours
SAMPLE : 16167

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		382		
2	1	Smallmouth Bass	297	331	4	
3	1	Smallmouth Bass	340	584	4	
4	1	Smallmouth Bass	374	689	5	
5	1	Walleye	401	554	3	
6	1	Smallmouth Bass	335	508	4	
7	1	Smallmouth Bass	257	235	2	
8	1	Smallmouth Bass	163	53	1	
9	1	Smallmouth Bass	186	82	1	
10	1	White Sucker		727		
11	2	Golden Shiner		126		
12	1	Rock Bass		22		
13	4	Spottail Shiner		22		
14	4	Mimic Shiner		4.0		
15	1	American Shad	82	3.0		
16	1	American Shad	88	3.0		
17	1	American Shad	98	3.0		
18	1	American Shad	87	3.0		
19	1	American Shad	95	3.0		
20	1	Mimic Shiner		1.0		

END TIME: September 15, 1994 22:41
LOCATION: Station 3
METHOD : Electrofishing, 0.2 hours
SAMPLE : 16168

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	305	407	5	
2	1	White Sucker		1220		
3	1	Smallmouth Bass	300	429	4	
4	2	Rock Bass		341		
5	1	Smallmouth Bass		4.0	0	
6	1	Smallmouth Bass	147	38	1	
7	1	Smallmouth Bass	169	51	1	
8	1	Smallmouth Bass	81	5.0	0	
9	1	American Shad	88	3.0		
10	1	American Shad	82	3.0		
11	1	American Shad	90	3.0		
12	1	American Shad	92	3.0		
13	1	American Shad	90	3.0		
14	1	American Shad	93	3.0		
15	1	American Shad	83	3.0		
16	1	American Shad	88	3.0		
17	1	American Shad	83	3.0		
18	1	American Shad	82	3.0		
19	1	American Shad	83	3.0		
20	1	American Shad	85	3.0		
21	1	American Shad	87	3.0		

END TIME: September 15, 1994 23:20
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16169

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	243	187	2	
2	1	Smallmouth Bass	269	233	3	
3	1	Smallmouth Bass	312	412	4	
4	1	Smallmouth Bass	273	281	3	
5	1	Smallmouth Bass	256	254	3	
6	1	Smallmouth Bass	195	87	2	
7	1	Smallmouth Bass	184	77	2	
8	2	Rock Bass		281		
9	2	Bluegill		94		
10	1	Pumpkinseed		28		
11	1	Mimic Shiner		1.0		

END TIME: September 13, 1994 16:38
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 150.5 hours
SAMPLE : 16170

No catch for this collection.

END TIME: September 14, 1994 14:10
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.5 hours
SAMPLE : 16171

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	83	7.2		
2	1	Rock Bass	53	1.7		
3	1	Lepomis sp.	47	1 8		
4	1	Lepomis sp.	43	1.0		

END TIME: September 21, 1994 19:46
LOCATION: Stebbin Island - New Hampshire - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16179

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	87	5.7		
2	1	American Shad	87	5.3		
3	1	American Shad	86	5.4		
4	1	American Shad	88	5.9		

END TIME: September 21, 1994 19:52
LOCATION: Stebbin Island - New Hampshire - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16180

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	87	5.8		
2	1	American Shad	90	6.3		

END TIME: September 21, 1994 19:58
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16181

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	95	7.6		
2	1	American Shad	94	6.5		
3	1	American Shad	93	6.5		
4	1	American Shad	99	8.7		
5	1	American Shad	93	6.8		
6	1	American Shad	90	6.3		
7	1	American Shad	97	7.7		
8	1	American Shad	90	6.4		
9	1	American Shad	91	6.3		
10	1	American Shad	97	7.6		
11	1	American Shad	93	7.1		
12	1	American Shad	80	4.0		

END TIME: September 21, 1994 20:22
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16182

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	87	5.7		
2	1	American Shad	93	7.2		
3	1	American Shad	94	7.1		
4	1	American Shad	93	7.2		
5	1	American Shad	84	5.5		
6	1	American Shad	89	6.0		
7	1	American Shad	91	6.8		
8	1	American Shad	92	6.6		

END TIME: September 21, 1994 20:35
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16183

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	94	6.6		
2	1	American Shad	94	8.0		
3	1	American Shad	84	4.8		
4	1	American Shad	89	5.8		
5	1	American Shad	88	5.8		
6	1	American Shad	92	6.6		
7	1	American Shad	84	4.5		
8	1	American Shad	88	6.2		
9	1	American Shad	89	5.8		
10	1	American Shad	89	6.1		
11	1	American Shad	92	6.7		
12	1	American Shad	86	5.5		
13	1	American Shad	87	5.4		
14	1	American Shad	92	6.1		
15	1	American Shad	93	6.8		
16	1	American Shad	89	5.9		
17	1	American Shad	88	5.9		
18	1	American Shad				

END TIME: September 21, 1994 20:41
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16184

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	93	6.5		
2	1	American Shad	88	5.6		
3	1	American Snad	87	5.6		
4	1	American Shad	82	4.4		
5	1	American Shad	93	6.6		
6	1	American Shad	88	5.8		
7	1	American Shad	85	5.7		

END TIME: September 21, 1994 21:02
LOCATION: Station 3 - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16185

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	91	6.3		
2	1	American Shad	88	6.2		
3	1	American Shad	94	6.8		
4	1	American Shad	92	7.0		
5	1	American Shad	88	6.1		
6	1	American Shad	89	5.8		
7	1	American Shad	81	4.6		
8	1	American Shad	88	5.3		
9	1	American Shad	86	5.3		
10	1	American Shad	91	6.5		
11	1	American Shad	92	6.9		
12	1	American Shad	95	7.0		
13	1	American Shad	93	6.9		
14	1	American Shad	92	7.1		

END TIME: September 21, 1994 21:09
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16186

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	89	5.5		
2	1	American Shad	92	6.6		
3	1	American Shad	85	4.9		
4	1	American Shad	86	5.3		
5	1	American Shad	89	5.8		
6	1	American Shad	90	6.0		
7	1	American Shad	86	5.4		
8	1	American Shad	85	5.2		
9	1	American Shad	92	7.3		
10	1	American Shad	85	5.3		

END TIME: September 21, 1994 21:32
LOCATION: 0.1 Miles South of Vernon Dam - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16188

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	87	5.5		
2	1	American Shad	90	6.0		
3	1	American Shad	91	6.4		
4	1	American Shad	94	6.9		
5	1	American Shad	87	5.5		
6	1	American Shad	93	6.6		
7	1	American Shad	95	7.4		
8	1	American Shad	86	5.4		
9	1	American Shad	88	5.2		
10	1	American Shad	90	5.9		
11	1	American Shad	95	7.2		
12	1	American Shad	86	5.6		
13	1	American Shad	92	5.9		
14	1	American Shad	85	4.9		
15	1	American Shad	89	5.7		
16	1	American Shad	94	6.9		
17	1	American Shad	90	5.6		
18	1	American Shad	91	6.3		
19	1	American Shad	87	5.5		
20	1	American Shad	90	6.1		
21	1	American Shad	92	6.5		
22	1	American Shad	89	5.2		
23	1	American Shad	87	5.8		

END TIME: September 20, 1994 9:50
LOCATION: Rum Point
METHOD : Trap net, 19.3 hours
SAMPLE : 16207

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Common Carp	651	3480		
2	1	White Sucker	346	439		
3	1	Smallmouth Bass	262	237	3	
4	1	Rock Bass	120	24		
5	1	Rock Bass	116	25		
6	1	Rock Bass	196	158		

END TIME: September 20, 1994 10:15
LOCATION: Station 5-Vermont
METHOD : Trap net, 19.5 hours
SAMPLE : 16208

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	151	79		
2	1	Yellow Perch	152	34	2	
3	1	Yellow Perch	79	6.0	0	

END TIME: September 20, 1994 10:20
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 19.3 hours
SAMPLE : 16209

No catch for this collection.

END TIME: September 20, 1994 10:45
LOCATION: New Hampshire Setback
METHOD : Trap net, 19.3 hours
SAMPLE : 16210

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	172	46	2	
2	1	Yellow Perch	159	39	2	
3	1	Bluegill	194	153		
4	1	Bluegill	114	26		
5	1	Bluegill	60	3.0		
6	1	Pumpkinseed	181	142		
7	1	Pumpkinseed	159	87		
8	1	Pumpkinseed	92	19		
9	1	Pumpkinseed	119	28		
10	1	Pumpkinseed	159	102		
11	1	Largemouth Bass	83	9.0	0	
12	1	Golden Shirer	103	11		

END TIME: September 20, 1994 12:50
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 19.9 hours
SAMPLE : 16211

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	179	129		
2	1	Rock Bass	104	16		
3	1	Rock Bass	108	21		

END TIME: September 20, 1994 12:40
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 19.9 hours
SAMPLE : 16212

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	184	83	1	
2	1	Smallmouth Bass	85	5.0	0	
3	1	Smallmouth Bass	87	7.0	0	

END TIME: September 20, 1994 11:10
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 19.0 hours
SAMPLE : 16213

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	206	83	4	
2	1	Pumpkinseed	169	102		

END TIME: September 20, 1994 11:30
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 19.0 hours
SAMPLE : 16214

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	469	989		
2	1	Chain Pickerel	433	509	4	
3	1	Chain Pickerel	397	329	4	
4	1	Golden Shiner	123	15		
5	1	Yellow Perch	203	81	4	
6	1	Yellow Perch	256	174	5	
7	1	Yellow Perch	165	41	3	
8	1	Yellow Perch	243	140	4	
9	1	Bluegill	153	74		
10	1	Bluegill	196	157		
11	1	Pumpkinseed	152	72		

END TIME: September 21, 1994 8:45
LOCATION: Rum Point
METHOD : Trap net, 22.9 hours
SAMPLE : 16215

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	296	418	4	
2	1	White Sucker	464	1090		
3	1	Brown Bullhead	327	411		
4	1	Pumpkinseed	210	218		
5	1	Pumpkinseed	166	106		
6	1	Pumpkinseed	174	116		
7	1	Pumpkinseed	173	132		
8	1	Yellow Perch	116	30	1	
9	1	Rock Bass	107	29		
10	1	Rock Bass	131	52		
11	1	Rock Bass	102	18		
12	1	Rock Bass	163	74		
13	1	Rock Bass	151	65		
14	1	Rock Bass	143	56		
15	1	Rock Bass	177	92		
16	1	Rock Bass	125	35		
17	1	Rock Bass	139	51		
18	1	Rock Bass	78	8.0		
19	1	Rock Bass	132	42		
20	1	Rock Bass	159	67		
21	1	Rock Bass	181	109		
22	1	Rock Bass	135	46		
23	1	Pumpkinseed	172	111		
24	1	Rock Bass	148	63		
25	1	Rock Bass	166	78		
26	1	Rock Bass	95	14		
27	1	Rock Bass	107	22		

END TIME: September 21, 1994 7:50
LOCATION: Station 5-Vermont
METHOD : Trap net, 21.6 hours
SAMPLE : 16216

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	214	106	4	
2	1	Yellow Perch	169	59	2	
3	1	Yellow Perch	213	106	3	
4	1	Yellow Perch	77	4.0	0	
5	1	Yellow Perch	176	51	2	
6	1	Yellow Perch	154	36	0	
7	1	Yellow Perch	187	71	2	
8	1	Chain Pickerel	129	9.0	0	
9	1	Pumpkinseed	179	119		
10	1	Rock Bass	58	6.0		

END TIME: September 21, 1994 8:05
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 21.8 hours
SAMPLE : 16217

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	184	66	2	
2	1	Pumpkinseed	163	97		

END TIME: September 21, 1994 9:40
LOCATION: New Hampshire Setback
METHOD : Trap net, 22.9 hours
SAMPLE : 16218

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	393	349	4	
2	1	Bluegill	206	189		
3	1	Bluegill	204	179		
4	1	Bluegill	202	177		
5	1	Bluegill	178	145		
6	1	Bluegill	178	133		
7	1	Pumpkinseed	158	74		
8	1	Chain Pickerel	134	12	0	
9	1	Golden Shiner	100	8.0		
10	1	Yellow Perch	120	19	1	

END TIME: September 21, 1994 11:35
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 22.8 hours
SAMPLE : 16219

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	144	26	1	
2	1	Yellow Perch	110	11	0	
3	1	Pumpkinseed	57	7.0		
4	1	Bluegill	202	182		
5	1	Yellow Perch	159	39	2	
6	1	Rock Bass	53	3.0		
7	1	Walleye	120	14	0	

END TIME: September 21, 1994 11:15
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 22.6 hours
SAMPLE : 16220

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	85	8.0	0	

END TIME: September 21, 1994 10:20
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 23.2 hours
SAMPLE : 16221

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	328	452		
2	1	Yellow Perch	155	37	1	
3	1	Yellow Perch	186	71	2	
4	1	Spottail Shiner	102	6.0		
5	1	Rock Bass	54	3.0		
6	1	Rock Bass	103	22		

END TIME: September 21, 1994 10:40
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 23.2 hours
SAMPLE : 16222

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	442	942		
2	1	Chain Pickerel	371	298	3	
3	1	Chain Pickerel	420	401	3	
4	1	Yellow Perch	292	233	6	
5	1	Yellow Perch	194	73	3	
6	1	Yellow Perch	186	62	3	
7	1	Yellow Perch	87	6.0	0	

END TIME: September 22, 1994 10:45
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 20.9 hours
SAMPLE : 16223

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	212	233		
2	1	Smallmouth Bass	114	19	0	
3	1	Smallmouth Bass	112	13	0	
4	1	Smallmouth Bass	113	19	0	
5	1	Smallmouth Bass	103	12	0	
6	1	Smallmouth Bass	103	13	0	
7	1	Smallmouth Bass	176	59	1	
8	1	Yellow Perch	163	48	1	
9	1	Spottail Shiner	106	7.0		
10	1	Bluegill	56	3.0		
11	1	Rock Bass	103	18		
12	1	Rock Bass	127	39		
13	1	Rock Bass	55	2.0		
14	1	Rock Bass	101	18		
15	1	Rock Bass	56	3.0		
16	1	Pumpkinseed	123	43		
17	1	Pumpkinseed	111	31		

END TIME: September 22, 1994 10:50
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 20.7 hours
SAMPLE : 16224

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	442	992		
2	1	Rock Bass	213	204		
3	1	Smallmouth Bass	167	59	1	
4	1	Smallmouth Bass	275	260		

END TIME: September 22, 1994 12:00
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.3 hours
SAMPLE : 16225

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Northern Pike	895	4520	6	
2	1	Spottail Shiner	104	11		
3	1	Spottail Shiner	121	13		
4	1	Spottail Shiner	111	13		
5	1	Spottail Shiner	102	12		
6	1	Spottail Shiner	96	5.0		
7	1	Spottail Shiner	106	12		
8	1	Spottail Shiner	107	13		
9	1	Spottail Shiner	101	11		
10	1	Spottail Shiner	94	8.0		
11	1	Spottail Shiner	100	10		
12	1	Spottail Shiner	102	10		
13	1	Spottail Shiner	106	11		
14	1	Spottail Shiner	104	7.0		
15	1	Spottail Shiner	103	8.0		
16	1	Spottail Shiner	103	9.0		
17	1	Spottail Shiner	102	10		
18	1	Spottail Shiner	108	10		
19	1	Spottail Shiner	109	11		
20	1	Spottail Shiner	102	10		
21	1	Spottail Shiner	101	9.0		
22	1	Spottail Shiner	104	11		
23	1	American Shad	97	4.0		
24	1	Spottail Shiner	96	8.0		
25	1	Yellow Perch	86	4.0	0	
26	1	Yellow Perch	90	4.0	0	
27	1	Smallmouth Bass	101	11	0	
28	1	Smallmouth Bass	73	5.0	0	
29	1	Rock Bass	218	229		

END TIME: September 22, 1994 12:35
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 21.7 hours
SAMPLE : 16226

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	334	234	3	
2	1	Rock Bass	227	259		
3	1	Rock Bass	170	103		
4	1	Rock Bass	178	126		
5	1	Pumpkinseed	127	43		
6	1	Rock Bass	99	19		
7	1	Bluegill	59	4.0		
8	1	American Shad	99	6.0		

END TIME: September 22, 1994 13:35
LOCATION: Station 3
METHOD : Trap net, 22.3 hours
SAMPLE : 16227

No catch for this collection.

END TIME: September 22, 1994 13:45
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 22.3 hours
SAMPLE : 16228

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	173	129		
2	1	Pumpkinseed	172	119		

END TIME: September 23, 1994 8:50
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 22.1 hours
SAMPLE : 16229

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	431	1200	6	
2	1	Smallmouth Bass	288	289	3	
3	1	Smallmouth Bass	358	547	5	
4	1	Walleye	421	652	2	
5	1	Smallmouth Bass	90	7.0	0	
6	1	Rock Bass	112	32		
7	1	Rock Bass	107	24		

END TIME: September 23, 1994 0:09
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 13.3 hours
SAMPLE : 16230

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	493	1260		
2	1	Rock Bass	235	259		
3	1	Yellow Perch	206	124	2	

END TIME: September 23, 1994 9:20
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.3 hours
SAMPLE : 16231

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	57	3.0		
2	1	Bluegill	62	3.0		
3	1	Bluegill	52	2.0		
4	1	Pumpkinseed	56	3.0		
5	1	Spottail Shiner	103	11		
6	1	Spottail Shiner	102	10		
7	1	Spottail Shiner	104	10		
8	1	Spottail Shiner	100	9.0		
9	1	Spottail Shiner	98	9.0		
10	1	Spottail Shiner	103	10		
11	1	Spottail Shiner	106	11		
12	1	Yellow Perch	102	11	0	
13	1	Yellow Perch	90	9.0	0	

END TIME: September 23, 1994 9:35
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 21.0 hours
SAMPLE : 16232

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	214	204		
2	1	Spottail Shiner	95	9.0		
3	1	Pumpkinseed	123	42		
4	1	Pumpkinseed	118	31		
5	1	Pumpkinseed	101	24		
6	1	Yellow Perch	164	44	1	

END TIME: September 23, 1994 0:10
LOCATION: Station 3
METHOD : Trap net, 10.6 hours
SAMPLE : 16233

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	276	263	3	

END TIME: September 23, 1994 10:15
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 20.5 hours
SAMPLE : 16234

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	82	5.0	0	

END TIME:	September 19, 1994 18:01
LOCATION:	Vermont Yankee Intake
METHOD :	Circulating water traveling screens, 123.8 hours
SAMPLE :	16235

No catch for this collection.

END TIME: September 20, 1994 14:13
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.2 hours
SAMPLE : 16236

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	113	38		
2	1	Rock Bass	118	43		
3	1	Rock Bass	57	3.7		
4	1	Rock Bass	53	2.2		

END TIME: September 26, 1994 16:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 146.5 hours
SAMPLE : 16237

No catch for this collection.

END TIME: September 27, 1994 10:50
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.1 hours
SAMPLE : 16238

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	147	68		
2	1	Rock Bass	147	70		
3	1	Rock Bass	54	3.7		
4	1	Rock Bass	53	2.0		
5	1	Rock Bass	57	3.0		
6	1	Rock Bass	50	2.1		
7	1	Rock Bass	39	1.6		
8	1	Lepomis sp.	47	2.5		
9	1	Lepomis sp.	47	1.0		
10	1	Rock Bass	53	2.2		
11	1	Bluegill	48	2.2		
12	1	Pumpkinseed	62	3.6		
13	1	Pumpkinseed	51	2.0		
14	1	Yellow Perch	181	59		
15	1	Walleye	99	12		

END TIML: September 26, 1994 18:51
LOCATION: Stebbin Island - New Hampshire - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16240

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	89	6.0		

END TIME: September 26, 1994 19:02
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16242

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	91	6.1		
2	1	American Shad	100	8.1		

END TIME: September 26, 1994 19:16
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16243

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	94	6.5		
2	1	American Shad	90	5.7		
3	1	American Shad	91	6.0		
4	1	American Shad	98	7.2		
5	1	American Shad	90	6.0		
6	1	American Shad	94	6.7		
7	1	American Shad	89	5.4		
8	1	American Shad	89	5.5		
9	1	American Shad	93	6.6		
10	1	American Shad	83	4.6		
11	1	American Shad	90	5.9		
12	1	American Shad	89	5.7		
13	1	American Shad	91	5.9		

END TIME: September 26, 1994 19:29
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16244

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	91	5.3		
2	1	American Shad	84	5.0		
3	1	American Shad	96	7.1		
4	1	American Shad	90	5.8		
5	1	American Shad	89	5.8		
6	1	American Shad	91	6.1		
7	1	American Shad	101	8.4		
8	1	American Shad	93	6.1		
9	1	American Shad	93	6.9		
10	1	American Shad	89	5.7		
11	1	American Shad	91	6.2		
12	1	American Shad	100	8.6		
13	1	American Shad	84	4.8		
14	1	American Shad	91	6.2		
15	1	American Shad	90	5.8		
16	1	American Shad	91	6.3		
17	1	American Shad	94	7.1		
18	1	American Shad	96	7.6		

END TIME: September 26, 1994 19:38
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16245

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	92	6.5		
2	1	American Shad	92	6.2		
3	1	American Shad	94	6.6		
4	1	American Shad	93	6.8		
5	1	American Shad	99	7.8		
6	1	American Shad	92	6.1		
7	1	American Shad	90	5.9		
8	1	American Shad	92	6.7		
9	1	American Shad	89	5.6		
10	1	American Shad	90	5.8		
11	1	American Shad	92	6.4		
12	1	American Shad	94	6.8		
13	1	American Shad	91	6.4		
14	1	American Shad	94	7.2		

END TIME: September 26, 1994 19:57
LOCATION: Station 3 - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16246

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	91	6.3		
2	1	American Shad	90	6.4		
3	1	American Shad	93	7.0		
4	1	American Shad	88	5.7		
5	1	American Shad	94	7.2		
6	1	American Shad	96	7.5		
7	1	American Shad	88	5.5		
8	1	American Shad	87	5.2		
9	1	American Shad	83	4.2		
10	1	American Shad	84	5.2		
11	1	American Shad	102	9.0		
12	1	American Shad	91	6.2		
13	1	American Shad	88	5.6		
14	1	American Shad	85	4.9		
15	1	American Shad	94	6.8		
16	1	American Shad	94	6.6		
17	1	American Shad	90	5.9		
18	1	American Shad	96	7.0		
19	1	American Shad	90	6.2		
20	1	American Shad	91	5.9		
21	1	American Shad	94	6.9		
22	1	American Shad	88	5.3		
23	1	American Shad	95	6.8		
24	1	American Shad	90	6.2		

END TIME: September 26, 1994 20:06
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16247

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	90	5.7		
2	1	American Shad	86	5.0		
3	1	American Shad	92	6.4		
4	1	American Shad	88	5.5		
5	1	American Shad	91	5.7		
6	1	American Shad	86	5.0		
7	1	American Shad	91	5.8		
8	1	American Shad	89	6.0		
9	1	American Shad	88	5.5		
10	1	American Shad	86	5.3		
11	1	American Shad	91	6.0		
12	1	American Shad	93	6.6		
13	1	American Shad	84	4.8		
14	1	American Shad	88	5.8		
15	1	American Shad	88	5.3		
16	1	American Shad		4.8		
17	1	American Shad		4.8		
18	1	American Shad	86	5.3		
19	1	American Shad	92	6.2		
20	1	American Shad	93	6.7		
21	1	American Shad	89	5.9		
22	1	American Shad	89	6.2		

END TIME: September 26, 1994 20:18
LOCATION: 0.1 Miles South of Vernon Dam - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16248

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	88	5.0		

END TIME: September 26, 1994 20:24
LOCATION: 0.1 Miles South of Vernon Dam - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16249

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad		7.2		
2	1	American Shad	91	6.3		
3	1	American Shad	93	6.6		
4	1	American Shad		6.3		
5	1	American Shad	95	6.8		
6	1	American Shad	107	10		
7	1	American Shad	93	7.4		
8	1	American Shad	93	7.3		
9	1	American Shad	93	6.9		
10	1	American Shad	92	6.6		
11	1	American Shad	89	6.1		
12	1	American Shad	99	8.3		
13	1	American Shad	96	8.0		
14	1	American Shad	89	6.0		
15	1	American Shad	94	7.1		
16	1	American Shad	89	6.2		
17	1	American Shad	88	6.1		
18	1	American Shad	91	6.4		
19	1	American Shad	94	7.2		

END TIME: October 5, 1994 17:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 198.7 hours
SAMPLE : 16250

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	89	4.0		
5	1	American Shad	85	4.1		
8	1	American Shad	89	3.8		
13	1	American Shad	90	4.5		

END TIME: October 6, 1994 17:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.3 hours
SAMPLE : 16251

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	195	110		
2	1	Smallmouth Bass	156	55		
3	1	Smallmouth Bass	190	92		
4	1	Smallmouth Bass	150	51		
5	1	Smallmouth Bass	135	36		
6	1	Smallmouth Bass	121	28		
7	1	Pumpkinseed	135	51		
8	1	Rock Bass	130	48		
9	1	Rock Bass	94	17		
10	1	Rock Bass	137	59		
11	1	Rock Bass	113	34		
12	1	Rock Bass	106	29		
13	1	Pumpkinseed	152	78		
14	1	Pumpkinseed	49	1.4		
15	1	Smallmouth Bass	165	6.0		
16	1	Smallmouth Bass	165	57		
17	1	Smallmouth Bass	131	31		
18	1	Smallmouth Bass	135	35		
19	1	Smallmouth Bass	120	25		
20	1	Sea Lamprey	141	3.9		
21	1	Sea Lamprey	145	3.0		
22	1	Sea Lamprey	126	2.8		
23	1	Sea Lamprey	128	2.8		
24	1	Yellow Perch	90	7.5		
25	1	Smallmouth Bass	106	18		
26	1	Smallmouth Bass	110	22		
27	1	Smallmouth Bass	103	18		
28	1	Smallmouth Bass	114	21		
29	1	Smallmouth Bass	95	13		
30	1	Smallmouth Bass	106	17		
31	1	Smallmouth Bass	74	5.3		
32	1	Rock Bass	112	30		
33	1	Rock Bass	86	13		
34	1	Rock Bass	101	20		
35	1	Rock Bass	61	4.7		
36	1	Rock Bass	58	4.0		
37	1	Rock Bass	57	3.8		
38	1	Rock Bass	56	4.0		
39	1	Rock Bass	54	3.4		
40	1	Rock Bass	53	3.0		
41	1	Rock Bass	55	4.0		
42	1	Rock Bass	55	4.0		
43	1	Rock Bass	50	2.5		
44	1	Rock Bass	54	2.8		
45	1	Rock Bass	53	2.8		
46	1	Bluegill	56	2.9		
47	1	Bluegill	60	3.8		
48	1	Bluegill	59	3.6		
49	1	Bluegill	55	2.9		
50	1	Bluegill	50	2.5		
51	1	Pumpkinseed	56	3.8		
52	1	Pumpkinseed	61	3.8		
53	1	Pumpkinseed	61	3.8		
54	1	Pumpkinseed	57	2.6		
55	1	Pumpkinseed	58	2.8		
56	1	Pumpkinseed	51	2.4		
57	1	Pumpkinseed	65	4.4		
58	1	Pumpkinseed	58	3.3		
59	1	Pumpkinseed	61	3.8		
60	1	Pumpkinseed	52	2.4		
61	1	Pumpkinseed	56	2.5		
62	1	Pumpkinseed	54	2.2		
63	1	Pumpkinseed	62	4.9		

(CONTINUED)
END TIME: October 6, 1994 17:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 24.3 hours
SAMPLE : 16251

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Pumpkinseed	62	4.4		
65	1	Pumpkinseed	60	4.0		
66	1	Pumpkinseed	63	4.6		
67	1	Pumpkinseed	57	2.6		
68	1	Pumpkinseed	59	3.7		
69	1	Pumpkinseed	57	3.0		
70	1	Pumpkinseed	58	3.1		
71	1	Pumpkinseed	65	4.5		
72	1	Pumpkinseed	57	3.0		
73	1	Pumpkinseed	56	3.0		
74	1	Pumpkinseed	54	2.9		
75	1	Pumpkinseed	56	3.0		
76	1	Pumpkinseed	52	2.1		
77	1	Yellow Perch	82	7.3		
78	1	Lepomis sp.	49	1.5		
79	1	Lepomis sp.	49	1.5		
80	1	Lepomis sp.	47	1.6		
81	1	Lepomis sp.	47	1.5		
82	1	Lepomis sp.	46	1.6		
83	1	Lepomis sp.	48	1.5		
84	1	Lepomis sp.	47	1.4		
85	1	Lepomis sp.	47	1.4		
86	1	Lepomis sp.	48	1.5		
87	1	Lepomis sp.	45	1.2		
88	1	Lepomis sp.	46	1.3		
89	1	Lepomis sp.	43	1.5		
90	1	Lepomis sp.	40	1.0		
91	1	Lepomis sp	45	1.4		
92	1	Lepomis sp.	43	1.3		
93	1	Lepomis sp.	44	1.2		
94	1	Bluegill	43	2.2		
95	1	Bluegill	42	1.1		

END TIME: October 5, 1994 9:05
LOCATION: Rum Point
METHOD : Trap net, 22.2 hours
SAMPLE : 16252

No catch for this collection.

END TIME: October 5, 1994 9:20
LOCATION: Station 5-Vermont
METHOD : Trap net, 22.0 hours
SAMPLE : 16253

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	56	3.0		

END TIME: October 5, 1994 9:30
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 21.8 hours
SAMPLE : 16254

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	178	43	2	
2	1	Yellow Perch	194	95	3	
3	1	Yellow Perch	183	41	2	
4	1	Yellow Perch	195	52	3	
5	1	Yellow Perch	166	42	2	
6	1	Yellow Perch	154	56	2	
7	1	Yellow Perch	186	45	2	
8	1	Yellow Perch	152	38	2	
9	1	Pumpkinseed	94	16		
10	1	Golden Shiner	16	12		
11	1	Spottail Shiner	98	8.0		

END TIME: October 5, 1994 9:55
LOCATION: New Hampshire Setback
METHOD : Trap net, 21.6 hours
SAMPLE : 16255

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	482	950	5	
2	1	Chain Pickerel	357	186	3	
3	1	Chain Pickerel	375	240	3	
4	1	Chain Pickerel	313	124	3	
5	1	Yellow Perch	273	272	5	
6	1	Yellow Perch	212	88	4	
7	1	Yellow Perch	196	77	3	
8	1	Yellow Perch	204	95	3	
9	1	Yellow Perch	147	43	2	
10	1	Yellow Perch	255	234	6	
11	1	Yellow Perch	220	143	3	
12	1	Yellow Perch	174	78	2	
13	1	Brown Bullhead	284	271		
14	1	Brown Bullhead	283	325		
15	1	Golden Shiner	114	11		
16	1	Golden Shiner	103	10		
17	1	Golden Shiner	110	11		
18	1	Golden Shiner	112	11		
19	1	Pumpkinseed	94	15		
20	1	Pumpkinseed	169	108		
21	1	Bluegill	176	113		
22	1	Bluegill	196	125		
23	1	Bluegill	209	212		

END TIME: October 5, 1994 10:45
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 20.0 hours
SAMPLE : 16256

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	204	29	3	
2	1	Yellow Perch	83	5.0	0	
3	1	Yellow Perch	80	5.0	0	
4	1	Rock Bass	154	64		

END TIME: October 5, 1994 11:00
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 20.6 hours
SAMPLE : 16257

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	173	38	3	
2	1	Yellow Perch	127	27	1	
3	1	Yellow Perch	270	214	6	
4	1	Yellow Perch	222	95	4	
5	1	Yellow Perch	189	42	3	
6	1	Yellow Perch	257	182	5	
7	1	Yellow Perch	178	39	2	
8	1	Yellow Perch	234	146	5	
9	1	Yellow Perch	144	16	1	
10	1	Yellow Perch	222	118	4	
11	1	Yellow Perch	254	186	5	
12	1	Yellow Perch	142	31	2	
13	1	Yellow Perch	166	49	2	
14	1	Yellow Perch	226	141	4	
15	1	Yellow Perch	188	86	3	
16	1	Yellow Perch	206	102	3	
17	1	Yellow Perch	194	78	3	
18	1	Yellow Perch	211	107	3	
19	1	Yellow Perch	204	101	3	
20	1	Yellow Perch	160	44	2	
21	1	Yellow Perch	210	90	3	
22	1	Yellow Perch	198	84	3	
23	1	Yellow Perch	153	28	2	
24	1	Yellow Perch	147	29	2	
25	1	Yellow Perch	154	49	2	
26	1	Yellow Perch	237	152	4	
27	1	Yellow Perch	214	102	3	
28	1	Yellow Perch	214	88	3	
29	1	Yellow Perch	148	28	2	
30	1	Yellow Perch	264	189	5	
31	4	Yellow Perch		390		
32	1	Brown Bullhead	334	574		
33	1	Brown Bullhead	348	582		
34	1	Bluegill	225	236		
35	1	Bluegill	184	141		
36	1	Bluegill	204	164		
37	1	Pumpkinseed	158	89		
38	1	Pumpkinseed	179	140		
39	1	Pumpkinseed	164	92		
40	1	Pumpkinseed	154	80		
41	1	Pumpkinseed	100	18		
42	1	Pumpkinseed	167	101		
43	1	Pumpkinseed	166	125		

END TIME: October 5, 1994 12:05
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 22.4 hours
SAMPLE : 16258

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	314	179	2	
2	1	Chain Pickerel	224	59	2	
3	1	Yellow Perch	181	69	2	
4	1	Yellow Perch	221	110	3	
5	1	Yellow Perch	246	164	4	
6	1	Yellow Perch	209	96	3	
7	1	Yellow Perch	250	172	4	
8	1	Yellow Perch	211	99	4	
9	1	Yellow Perch	196	74	3	
10	1	Yellow Perch	224	122	4	
11	1	Yellow Perch	166	152	2	
12	1	Yellow Perch	189	68	3	
13	1	Yellow Perch	204	84	3	
14	1	Yellow Perch	152	31	2	
15	1	Yellow Perch	91	10	0	
16	1	Yellow Perch	88	7.0	0	
17	1	Yellow Perch	89	6.0	0	
18	1	Yellow Perch	178	49	2	
19	1	Largemouth Bass	81	9.0	0	
20	1	Pumpkinseed	157	81		
21	1	Pumpkinseed	167	106		
22	1	Pumpkinseed	144	61		
23	1	Pumpkinseed	53	3.0		
24	1	Rock Bass	113	34		

END TIME: October 5, 1994 11:55
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 21.9 hours
SAMPLE : 16259

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	84	5.0	0	
2	1	Yellow Perch	83	5.0	0	
3	1	Yellow Perch	81	5.0	0	
4	1	Yellow Perch	75	5.0	0	

END TIME: October 4, 1994 10:55
LOCATION: Rum Point
METHOD : Trap net, 18.8 hours
SAMPLE : 16260

No catch for this collection.

END TIME: October 4, 1994 11:20
LOCATION: Station 5-Vermont
METHOD : Trap net, 18.8 hours
SAMPLE : 16261

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	226	293		
2	1	Largemouth Bass	56	3.0		
3	1	Smallmouth Bass	313	265	3	

END TIME: October 4, 1994 11:40
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 18.9 hours
SAMPLE : 16262

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	184	65	2	
2	1	Yellow Perch	179	60	2	
3	1	Yellow Perch	191	53	2	
4	1	Yellow Perch	212	95	3	
5	1	Yellow Perch	202	82	3	
6	1	Yellow Perch	188	72	2	
7	1	Yellow Perch	177	54	2	
8	1	Yellow Perch	206	102	4	
9	1	Yellow Perch	145	35	1	
10	1	Yellow Perch	195	66	2	
11	1	Yellow Perch	147	22	1	
12	1	Yellow Perch	187	49	2	
13	1	Golden Shiner	131	15		
14	1	Pumpkinseed	147	70		
15	1	Pumpkinseed	147	65		
16	1	Pumpkinseed	167	96		
17	1	Bluegill	181	137		

END TIME: October 4, 1994 12:20
LOCATION: New Hampshire Setback
METHOD : Trap net, 19.3 hours
SAMPLE : 16263

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	373	369	3	
2	1	Chain Pickerel	284	167	3	
3	1	Yellow Perch	164	27	2	
4	1	Yellow Perch	215	98	3	
5	1	Yellow Perch	186	58	2	
6	1	Yellow Perch	137	29	1	
7	1	Pumpkinseed	163	87		
8	1	Pumpkinseed	153	78		
9	1	Pumpkinseed	153	70		
10	1	Pumpkinseed	134	37		
11	1	Pumpkinseed	147	80		
12	1	Pumpkinseed	160	115		
13	1	Pumpkinseed	157	37		
14	1	Pumpkinseed	142	38		
15	1	Pumpkinseed	163	107		
16	1	Pumpkinseed	158	104		
17	1	Pumpkinseed	162	99		
18	1	Pumpkinseed	152	70		
19	1	Pumpkinseed	161	101		
20	1	Pumpkinseed	154	86		
21	1	Pumpkinseed	153	92		
22	1	Pumpkinseed	138	71		
23	1	Pumpkinseed	146	79		
24	1	Bluegill	193	127		
25	1	Bluegill	200	192		
26	1	Bluegill	185	179		
27	1	Bluegill	198	216		
28	1	Bluegill	195	186		
29	1	Pumpkinseed	92	26		
30	1	Golden Shiner	154	34		
31	1	Golden Shiner	185	68		
32	1	Golden Shiner	112	12		
33	1	Golden Shiner	103	12		
34	1	Golden Shiner	103	12		
35	1	Golden Shiner	118	13		
36	1	Golden Shiner	107	12		
37	1	Golden Shiner	106	12		
38	1	Golden Shiner	111	13		
39	1	Golden Shiner	100	12		
40	1	Golden Shiner	102	12		
41	1	Golden Shiner	95	11		
42	1	Golden Shiner	105	12		
43	1	Golden Shiner	113	14		
44	1	Golden Shiner	95	11		
45	1	Golden Shiner	106	13		
46	1	Golden Shiner	99	11		
47	1	Golden Shiner	104	13		
48	1	White Sucker	500	1270		
49	1	White Sucker	515	1320		
50	1	White Sucker	475	1180		
51	1	White Sucker	423	881		
52	1	White Sucker	506	1210		

END TIME: October 4, 1994 14:45
LOCATION: Station 4-Vermont-North
METHOD : Trap net, 20.7 hours
SAMPLE : 16264

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	303	443	6	
2	1	White Perch	290	371	4	
3	1	White Perch	260	264	3	
4	1	White Perch	281	355	4	
5	1	White Perch	284	372	4	
6	1	Walleye	197	68	0	
7	1	Smallmouth Bass	194	112	1	
8	1	Chain Pickerel	331	274	3	
9	1	Yellow Perch	125	23	1	
10	1	Yellow Perch	191	105	2	
11	1	Yellow Perch	192	88	3	
12	1	Yellow Perch	219	115	4	
13	1	Yellow Perch	162	57	2	

END TIME: October 4, 1994 14:25
LOCATION: Station 4-Vermont-South
METHOD : Trap net, 20.6 hours
SAMPLE : 16265

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	430	944	6	
2	1	Smallmouth Bass	271	252	3	
3	1	Smallmouth Bass	318	448	4	
4	1	Rock Bass	154	87		
5	1	Rock Bass	158	93		
6	1	Rock Bass	200	192		
7	1	Rock Bass	157	100		
8	1	Rock Bass	155	75		
9	1	Rock Bass	148	82		
10	1	Rock Bass	102	32		
11	1	Rock Bass	167	94		

END TIME: October 4, 1994 13:40
LOCATION: Station 4-New Hampshire-North
METHOD : Trap net, 20.5 hours
SAMPLE : 16266

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	563	2390	8	
2	1	Walleye	318	351	3	
3	1	Bluegill	216	197		
4	1	Rock Bass	147	166		
5	1	Rock Bass	201	170		
6	1	Rock Bass	167	120		

END TIME: October 4, 1994 14:00
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 20.7 hours
SAMPLE : 16267

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	368	387	2	
2	1	Walleye	289	209	1	
3	1	Chain Pickerel	364	310	4	
4	1	Yellow Perch	258	197	5	
5	1	Yellow Perch	274	242	6	
6	1	Yellow Perch	263	210	5	
7	1	Yellow Perch	234	157	5	
8	1	Yellow Perch	239	165	4	
9	1	Yellow Perch	233	146	3	
10	1	Yellow Perch	231	148	5	
11	1	White Perch	313	468	6	
12	1	Yellow Perch	204	67	4	
13	1	Yellow Perch	274	287	6	
14	1	Yellow Perch	242	155	4	
15	1	Yellow Perch	200	94	4	
16	1	Yellow Perch	178	68	3	
17	1	Yellow Perch	200	81	3	
18	1	Yellow Perch	167	55	2	
19	1	Yellow Perch	194	69	3	
20	1	Yellow Perch	199	81	3	
21	1	Yellow Perch	233	134	4	
22	1	Yellow Perch	155	29	2	
23	1	Yellow Perch	194	76	3	
24	1	Yellow Perch	187	89	3	
25	1	Yellow Perch	163	44	2	
26	1	Yellow Perch	87	6.0	0	
27	1	Yellow Perch	113	16	0	
28	1	Yellow Perch	164	41	2	
29	1	Yellow Perch	184	85	2	
30	1	Yellow Perch	105	11	0	
31	1	Yellow Perch	83	4.0	0	
32	1	Yellow Perch	84	5.0	0	
33	1	Yellow Perch	144	26	1	
34	1	Yellow Perch	162	43	2	
35	7	Yellow Perch		392		
36	1	Rock Bass	164	117		
37	1	Rock Bass	178	133		
38	1	Rock Bass	198	178		
39	1	Rock Bass	185	154		
40	1	Rock Bass	165	125		
41	1	Rock Bass	96	22		
42	1	Bluegill	53	2.0		
43	1	Bluegill	61	3.0		
44	1	Bluegill	53	3.0		
45	1	Bluegill	59	3.0		
46	1	Bluegill	59	3.0		
47	1	Bluegill	58	3.0		
48	1	Bluegill	61	3.0		
49	1	Bluegill	52	2.0		
50	1	Bluegill	55	3.0		
51	1	Bluegill	52	3.0		
52	1	Bluegill	65	3.0		
53	1	Bluegill	59	3.0		
54	1	Bluegill	55	3.0		
55	1	Bluegill	58	3.0		
56	1	Bluegill	52	3.0		
57	1	Bluegill	55	3.0		
58	1	Bluegill	56	3.0		
59	1	Bluegill	53	3.0		
60	1	Bluegill	53	3.0		
61	1	Bluegill	55	3.0		
62	1	Bluegill	55	3.0		
63	1	Bluegill	55	3.0		

(CONTINUED)
END TIME: October 4, 1994 14:00
LOCATION: Station 4-New Hampshire-South
METHOD : Trap net, 20.7 hours
SAMPLE : 16267

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Bluegill	62	3.0		
65	1	Bluegill	62	3.0		
66	1	Bluegill	60	3.0		
67	1	Bluegill	55	3.0		
68	1	Bluegill	57	3.0		
69	1	Pumpkinseed	59	3.0		
70	1	Bluegill	54	3.0		
71	1	Bluegill	52	3.0		
72	1	Bluegill	52	3.0		
73	1	Bluegill	56	3.0		
74	1	Bluegill	56	3.0		
75	1	Bluegill	55	3.0		
76	1	Bluegill	54	3.0		
77	1	Bluegill	58	3.0		
78	1	Pumpkinseed	167	88		
79	1	Pumpkinseed	100	16		
80	1	Pumpkinseed	98	14		
81	1	Pumpkinseed	65	4.0		
82	1	Pumpkinseed	59	3.0		
83	1	Pumpkinseed	59	3.0		
84	1	Pumpkinseed	55	3.0		
85	1	Pumpkinseed	58	3.0		
86	1	Pumpkinseed	56	3.0		
87	1	Rock Bass	83	8.0		
88	1	Pumpkinseed	104	15		
89	1	Yellow Bullhead	293	325		
90	1	Brown Bullhead	283	301		
91	1	Brown Bullhead	299	330		

END TIME: October 6, 1994 12:30
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 22.0 hours
SAMPLE : 16268

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	428	712	3	
2	1	Bluegill	213	217		

END TIME: October 6, 1994 12:45
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 22.0 hours
SAMPLE : 16269

No catch for this collection.

END TIME: October 6, 1994 13:30
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.7 hours
SAMPLE : 16270

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	230	132	4	
2	1	Yellow Perch	189	79	1	
3	1	Largemouth Bass	105	22	0	
4	1	Yellow Perch	97	10	0	
5	1	Largemouth Bass	88	12	0	
6	1	Smallmouth Bass	111	15	0	
7	1	American Shad	91	6.0		
8	1	American Shad	92	6.0		
9	1	Rock Bass	200	195		
10	1	Rock Bass	123	43		
11	1	Bluegill	214	220		
12	1	Pumpkinseed	60	3.0		
13	1	Golden Shiner	182	79		
14	1	Spottail Shiner	104	12		
15	1	Spottail Shiner	109	12		
16	1	Spottail Shiner	114	12		
17	1	Spottail Shiner	105	12		
18	1	Spottail Shiner	106	12		
19	1	Spottail Shiner	103	12		
20	1	Spottail Shiner	104	12		
21	1	Spottail Shiner	107	12		
22	1	Spottail Shiner	110	12		
23	1	Spottail Shiner	103	12		

END TIME: October 6, 1994 14:10
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 22.0 hours
SAMPLE : 16271

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	350	302		
2	1	Yellow Perch	178	65	1	
3	1	Yellow Perch	101	9.0	0	
4	1	Yellow Perch	103	19	0	
5	1	Yellow Perch	112	26	0	
6	1	Largemouth Bass	123	38	1	
7	1	Smallmouth Bass	85	22	0	
8	1	Rock Bass	62	3.0		
9	1	Rock Bass	50	2.0		
10	1	Rock Bass	177	116		
11	1	Rock Bass	108	37		
12	1	Rock Bass	65	3.0		
13	1	Rock Bass	104	23		
14	1	Rock Bass	92	19		
15	1	Bluegill	46	2.0		
16	1	Pumpkinseed	65	4.0		
17	1	Pumpkinseed	109	30		
18	1	Pumpkinseed	89	21		
19	1	Pumpkinseed	116	37		
20	1	Pumpkinseed	67	4.0		
21	1	Spottail Shiner	109	10		
22	1	Spottail Shiner	108	11		
23	1	Golden Shiner	104	10		
24	1	White Sucker	106	11		

END TIME: October 6, 1994 14:40
LOCATION: Station 3
METHOD : Trap net, 22.0 hours
SAMPLE : 16272

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	330	521	6	
2	1	Smallmouth Bass	224	137	2	
3	1	Smallmouth Bass	196	104	2	
4	1	White Perch	308	526		
5	1	Yellow Perch	243	185	5	
6	1	Bluegill	164	120		
7	1	Pumpkinseed	124	42		
8	1	Rock Bass	174	102		
9	1	Pumpkinseed	131	41		
10	1	Rock Bass	155	85		
11	1	Rock Bass	224	231		
12	1	Rock Bass	205	212		
13	1	Rock Bass	170	139		
14	1	Rock Bass	187	139		
15	1	Rock Bass	197	168		
16	1	Rock Bass	198	177		
17	1	Rock Bass	190	163		
18	1	Rock Bass	213	213		
19	1	Rock Bass	200	184		
20	1	Rock Bass	172	124		
21	1	Rock Bass	196	167		
22	1	Rock Bass	178	122		
23	1	Rock Bass	163	102		
24	1	Rock Bass	158	90		
25	1	Rock Bass	190	170		
26	1	Rock Bass	188	135		
27	1	Rock Bass	188	146		
28	1	Rock Bass	206	197		
29	1	Rock Bass	196	134		
30	1	Rock Bass	178	135		
31	1	Rock Bass	114	20		
32	1	Rock Bass	164	85		
33	1	Rock Bass	194	165		
34	1	Rock Bass	189	130		
35	1	Rock Bass	176	114		
36	1	Rock Bass	164	99		
37	1	Rock Bass	168	107		
38	1	Rock Bass	119	38		
39	1	Rock Bass	163	102		
40	1	Rock Bass	111	28		
41	19	Rock Bass		1690		

END TIME: October 6, 1994 15:15
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 22.3 hours
SAMPLE : 16273

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	194	181		

END TIME: October 7, 1994 10:15
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 21.8 hours
SAMPLE : 16274

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Spottail Shiner	109	12		

END TIME: October 7, 1994 10:30
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 21.8 hours
SAMPLE : 16275

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Spottail Shiner	106	11		
2	1	Smallmouth Bass	204	138	2	
3	1	Rock Bass	62	3.0		
4	1	Fallfish	360	444		

END TIME: October 7, 1994 11:20
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.8 hours
SAMPLE : 16276

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	388	385	4	
2	1	Yellow Perch	90	7.0	0	
3	1	Yellow Perch	101	7.0	0	

END TIME: October 7, 1994 11:40
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 21.5 hours
SAMPLE : 16277

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Chain Pickerel	250	78	2	
2	1	Chain Pickerel	348	296	3	
3	1	Chain Pickerel	374	326	3	
4	1	Yellow Perch	188	96	1	
5	1	Rock Bass	60	3.0		
6	1	Rock Bass	228	265		
7	1	Yellow Perch	110	12	0	
8	1	Spottail Shiner	104	13		
9	1	Spottail Shiner	98	12		
10	1	Golden Shiner	81	7.0		

END TIME: October 7, 1994 12:10
LOCATION: Station 3
METHOD : Trap net, 21.5 hours
SAMPLE : 16278

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	298	238	1	
2	1	Yellow Perch	237	187	5	
3	1	Yellow Perch	217	148	3	
4	1	Rock Bass	216	212		
5	1	Rock Bass	188	132		
6	1	Rock Bass	191	169		
7	1	Rock Bass	175	108		
8	1	Rock Bass	179	90		
9	1	Rock Bass	133	48		
10	1	Rock Bass	223	198		
11	1	Rock Bass	188	133		
12	1	Rock Bass	157	73		
13	1	Rock Bass	204	191		
14	1	Rock Bass	178	88		
15	1	Rock Bass	192	121		
16	1	Rock Bass	166	78		
18	1	Rock Bass	180	120		
19	1	Rock Bass	195	113		
20	1	Rock Bass	217	213		
21	1	Rock Bass	188	130		
22	1	Rock Bass	158	76		
23	1	Rock Bass	176	99		
24	1	Rock Bass	122	30		
25	1	Rock Bass	140	50		
26	1	Rock Bass	122	38		
27	1	Rock Bass	188	154		
28	1	Rock Bass	165	74		
29	1	Rock Bass	162	81		
30	1	Rock Bass	118	40		
31	1	Rock Bass	179	119		
32	1	Rock Bass	150	66		
33	1	Rock Bass	167	95		
34	1	Pumpkinseed	129	32		
35	1	Rock Bass	124	36		
36	8	Rock Bass		362		

END TIME: October 7, 1994 12:45
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 21.5 hours
SAMPLE : 16279

No catch for this collection.

END TIME: October 19, 1994 18:59
LOCATION: Rum Point
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16288

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	300	412	7	
2	1	White Perch	285	331	6	
3	1	White Perch	292	408	5	
4	1	Walleye	365	376	3	
5	1	Walleye	353	342	3	
6	1	Largemouth Bass	405	860	5	
7	1	Largemouth Bass	404	897	5	
8	1	Northern Pike	472	594	4	
9	1	Chain Pickerel	323	175	2	
10	1	Brown Bullhead	332	521		
11	1	Brown Bullhead	273	281		
12	1	Brown Bullhead	337	538		
13	1	Brown Bullhead	314	429		
14	1	Largemouth Bass	325	445	3	
15	1	Pumpkinseed	158	90		
16	1	Yellow Perch	197	72	3	
17	1	Yellow Perch	185	66	3	
18	1	Yellow Perch	224	125	4	
19	1	Yellow Perch	208	96	3	
20	1	Yellow Perch	137	33	2	
21	1	Golden Shiner	117	13		
22	1	Spottail Shiner	110	12		
23	1	Golden Shiner	111	14		
24	3	Common Carp		9020		
25	8	White Sucker		8950		
26	7	White Sucker		7570		

END TIME: October 19, 1994 20:43
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16289

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	272	236	6	
2	1	Yellow Perch	198	75	3	
3	1	Yellow Perch	213	103	3	
4	1	Yellow Perch	202	87	3	
5	1	Yellow Perch	165	44	3	
6	1	Yellow Perch	151	30	2	
7	1	Yellow Perch	150	42	2	
8	1	Yellow Perch	154	44	2	
9	1	Yellow Perch	138	39	1	
10	1	Yellow Perch	179	64	3	
11	1	Yellow Perch	144	30	2	
12	1	Yellow Perch	128	23	1	
13	1	Yellow Perch	116	16	1	
14	1	Yellow Perch	128	25	1	
15	1	Yellow Perch	119	58	1	
16	1	Yellow Perch	82	18	0	
17	1	Yellow Perch	85	9.0	0	
18	1	Yellow Perch	76	7.0	0	
19	1	White Sucker	92	7.0		
20	1	White Sucker	116	17		
21	1	Bluegill	43	2.0		
22	1	Bluegill	40	1.0		
23	1	Bluegill	41	1.0		
24	1	Bluegill	35	1.0		
25	1	Pumpkinseed	164	86		
26	1	Golden Shiner	119	15		
27	1	Golden Shiner	201	87		
28	1	Pumpkinseed	134	45		
29	1	Largemouth Bass	393	232	4	
30	1	Golden Shiner	185	70		
31	1	Spottail Shiner	114	13		
32	6	White Sucker		7330		
33	6	White Sucker		6940		
34	1	White Sucker		1020		

END TIME: October 19, 1994 20:01
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16290

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	282	338	4	
2	1	White Perch	285	373	4	
3	1	Yellow Perch	222	92	4	
4	1	Yellow Perch	234	136	4	
5	1	Yellow Perch	194	75	3	
6	1	Yellow Perch	182	70	3	
7	1	Yellow Perch	164	57	2	
8	1	Yellow Perch	80	5.0	0	
9	1	Yellow Perch	154	44	2	
10	1	Yellow Perch	163	44	3	
11	1	Yellow Perch	134	33	1	
12	1	Yellow Perch	68	3.0	0	
13	1	Yellow Perch	144	35	1	
14	6	Pumpkinseed		630		
15	2	Bluegill		276		
16	3	Golden Shiner		23		
17	7	White Sucker		7730		
18	1	Largemouth Bass	451	1160	6	
19	1	Largemouth Bass	360	625	4	
20	1	Golden Shiner	68	5.0		

END TIME: October 17, 1994 19:05
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16291

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	494	1820	6	
2	1	Largemouth Bass	450	1440	5	
3	1	Largemouth Bass	353	605	3	
4	1	Largemouth Bass	393	796	5	
5	1	Walleye	354	363		
6	1	Chain Pickerel	232	83	2	
7	1	Yellow Perch	187	57	3	
8	1	Yellow Perch	78	3.0	0	
9	1	Yellow Perch	288	249	6	
10	1	Yellow Perch	254	176	5	
11	1	Yellow Perch	273	291	6	
12	1	Yellow Perch	249	189	5	
13	1	Yellow Perch	204	81	3	
14	1	Yellow Perch	267	205	6	
15	1	Yellow Perch	210	98	3	
16	1	Yellow Perch	178	50	2	
17	1	Yellow Perch	80	3.0	0	
18	1	Yellow Perch	245	164	4	
19	1	Yellow Perch	206	105	3	
20	1	Yellow Perch	210	99	3	
21	1	Yellow Perch	254	209	5	
22	1	Yellow Perch	269	233	6	
23	1	Yellow Perch	197	81	2	
24	1	Yellow Perch	207	88	4	
25	1	Yellow Perch	217	109	3	
26	1	Yellow Perch	213	104	3	
27	1	Yellow Perch	89	4.0	0	
28	1	Yellow Perch	74	3.0	0	
29	1	Yellow Perch	79	3.0	0	
30	1	Yellow Perch	203	77	4	
31	1	Yellow Perch	170	39	3	
32	1	Largemouth Bass	83	6.0		
33	1	Yellow Perch	73	3.0	0	
34	1	Yellow Perch	88	4.0	0	
35	1	Yellow Perch	80	4.0	0	
36	1	Yellow Perch	79	3.0	0	
37	1	Yellow Perch	68	3.0	0	
38	1	Yellow Perch	68	3.0	0	
39	1	Yellow Perch	69	3.0	0	
40	1	Yellow Perch	84	4.0	0	
41	1	Spottail Shiner	75	4.0		
42	1	Spottail Shiner	103	11		
43	1	Spottail Shiner	99	11		
44	1	Spottail Shiner	100	11		
45	8	Lepomis spp.		27		
46	3	White Sucker		3400		
47	3	American Eel		2400		
48	1	Golden Shiner	187	74		
49	2	Golden Shiner		93		
50	1	Bluegill	189	160		

END TIME: October 17, 1994 20:22
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16292

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	291	385	5	
2	1	White Perch	272	300	4	
3	1	White Perch	273	325	4	
4	1	White Perch	282	399	4	
5	1	White Perch	279	362	3	
6	1	White Perch	294	393	4	
7	1	White Perch	283	358	4	
8	1	White Perch	177	67	2	
9	1	White Perch	283	349	4	
10	1	White Perch	228	174	2	
11	1	White Perch	290	387	4	
12	1	White Perch	297	368	5	
13	1	White Perch	164	61	1	
14	1	White Perch	284	362	4	
15	1	White Perch	156	45	1	
16	1	White Perch	303	439	4	
17	1	White Perch	293	399	5	
18	1	Smallmouth Bass	379	801	5	
19	1	Yellow Perch	161	42	2	
20	1	Yellow Perch	142	38	3	
21	1	Yellow Perch	198	77	2	
22	1	Yellow Perch	85	6.0	0	
23	1	Yellow Perch	98	6.0	0	
24	1	Yellow Perch	74	3.0	0	
25	1	Yellow Perch	198	88	2	
26	1	Yellow Perch	80	4.0	0	
27	1	Yellow Perch	96	6.0	0	
28	1	Yellow Perch	103	8.0	0	
29	1	Yellow Perch	115	14	1	
30	1	White Perch	97	11	0	
31	1	White Perch	77	7.0	0	
32	1	White Perch	77	7.0	0	
33	1	Yellow Perch	165	48	2	
34	1	Yellow Perch	133	26	1	
35	1	Yellow Perch	84	4.0	0	
36	1	Yellow Perch	125	18	1	
37	1	Yellow Perch	116	14	1	
38	1	Yellow Perch	93	7.0	0	
39	1	Yellow Perch	94	4.0	0	
40	1	Yellow Perch	83	3.0	0	
41	1	Yellow Perch	83	3.0	0	
42	1	Yellow Perch	85	4.0	0	
43	1	White Perch	87	4.0	0	
44	1	Yellow Perch	228	121	3	
45	1	Yellow Perch	159	37	2	
46	1	Yellow Perch	77	3.0	0	
47	1	Yellow Perch	77	3.0	0	
48	1	Yellow Perch	94	5.0	0	
49	1	Yellow Perch	89	4.0	0	
50	1	Yellow Perch	79	3.0	0	
51	1	Yellow Perch	155	41	2	
52	1	Yellow Perch	284	283	6	
53	1	American Shad	129	15		
54	1	American Shad	134	19		
55	5	Yellow Perch		127		
56	1	Walleye	138	24	0	
57	1	Golden Shiner	199	84		
58	4	Bluegill		868		
59	14	Spottail Shiner		184		
60	2	Yellow Perch		85		
61	2	Pumpkinseed		70		
62	1	Mimic Shiner	52	1.0		
63	2	Yellow Perch		14		

(CONTINUED)

END TIME: October 17, 1994 20:22
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16292

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	Common Carp	635	3990		

END TIME: October 17, 1994 21:51
LOCATION: New Hampshire Setback
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16293

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	443	1430	6	
2	1	Largemouth Bass	414	1080	6	
3	1	Largemouth Bass	477	1480	7	
4	1	Largemouth Bass	382	752	4	
5	1	Largemouth Bass	383	796	4	
6	1	Largemouth Bass	487	1630	6	
7	1	Largemouth Bass	404	988	6	
8	1	Largemouth Bass	383	820	5	
9	1	Largemouth Bass	347	586	4	
10	1	Largemouth Bass	334	454	3	
11	1	Largemouth Bass	292	306	2	
12	1	Largemouth Bass	393	848	4	
13	1	Largemouth Bass	517	2190	7	
14	1	Largemouth Bass	457	1500	6	
15	1	Largemouth Bass	335	510	4	
16	1	Largemouth Bass	336	525	4	
17	1	Largemouth Bass	366	643	4	
18	1	Largemouth Bass	235	153	2	
19	1	Largemouth Bass	217	134	2	
20	24	Spottail Shiner		140		
21	6	Mimic Shiner		6.0		
22	1	Yellow Perch	226	113	4	
23	1	Yellow Perch	199	103	3	
24	1	Yellow Perch	196	87	3	
25	1	Yellow Perch	281	213	6	
26	1	Yellow Perch	195	82	3	
27	1	Yellow Perch	184	70	3	
28	1	Yellow Perch	189	86	3	
29	1	Yellow Perch	156	49	3	
30	1	Yellow Perch	197	80	3	
31	1	Yellow Perch	65	2.0	0	
32	1	Yellow Perch	86	3.0	0	
33	1	Yellow Perch	204	87	3	
34	1	Yellow Perch	188	67	3	
35	1	Yellow Perch	267	199	6	
36	1	Yellow Perch	198	74	3	
37	1	Yellow Perch	210	83	4	
38	1	Yellow Perch	148	36	2	
39	47	Bluegill		5040		
40	5	Pumpkinseed		275		
41	1	Yellow Perch	224	118	4	
42	1	Yellow Perch	172	63	3	
43	2	Pumpkinseed		163		
44	3	Golden Shiner		1220		
45	1	Pumpkinseed	52	2.0		
46	1	Northern Pike	512	522		
47	1	Chain Pickerel	488	587	5	
48	1	White Sucker	439	942		

END TIME: October 24, 1994 18:53
LOCATION: Station 2
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16294

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	412	558	3	
2	1	Smallmouth Bass	341	572	6	
3	1	Smallmouth Bass	316	383	3	
4	1	Smallmouth Bass	183	105	1	
5	1	Smallmouth Bass	93	10	0	
6	1	Smallmouth Bass	81	7.0	0	
7	1	Smallmouth Bass	81	8.0	0	
8	1	Smallmouth Bass	127	22	1	
9	1	Smallmouth Bass	88	8.0	0	
10	1	Smallmouth Bass	74	6.0	0	
11	1	Smallmouth Bass	104	17	0	
12	1	Smallmouth Bass	89	10	0	
13	1	Smallmouth Bass	84	8.0	0	
14	1	Smallmouth Bass	86	8.0	0	
15	1	Smallmouth Bass	76	7.0	0	
16	1	Spottail Shiner	114	13		
17	1	Spottail Shiner	114	13		
18	1	Spottail Shiner	113	13		
19	1	Notropis sp.	82	4.0		
20	1	Notropis sp.	63	2.0		
21	1	Notropis sp.	71	3.0		
22	1	Notropis sp.	64	3.0		
23	1	Notropis sp.	40	1.0		
24	1	American Shad	97	5.0		
25	1	American Shad	100	5.0		
26	1	Fallfish	347	412		
27	2	Fallfish		657		
28	1	Yellow Perch	253	193	4	
29	1	Bluegill	147	74		
30	1	Rock Bass	189	145		
31	1	American Eel		143		

END TIME: October 24, 1994 20:24
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16295

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	433	1130	6	
2	1	Walleye	398	611	3	
3	1	Walleye	392	565	4	
4	1	Yellow Perch	103	8.0	1	
5	1	Smallmouth Bass	80	6.0	0	
6	1	Yellow Perch	191	87	2	
7	1	American Shad	100	9.0		
8	1	American Shad	99	9.0		
9	1	American Shad	96	9.0		
10	1	American Shad	103	9.0		
11	1	American Shad	102	9.0		
12	1	American Shad	106	9.0		
13	3	Rock Bass		750		
14	5	Fallfish		1050		
15	10	Spottail Shiner		138		
16	4	White Sucker		3570		
17	4	White Sucker		2630		

END TIME: October 24, 1994 22:31
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Electrofishing, 0.3 hours
SAMPLE : 16298

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	137	17		
2	1	American Shad	99	9.0		
3	1	Northern Pike	632	1010	7	
4	1	Northern Pike	583	1210	6	
5	1	Chain Pickerel	365	256		
6	1	Walleye	357	378	2	
7	1	Smallmouth Bass	383	779	5	
8	1	Smallmouth Bass	322	442	4	
9	1	Smallmouth Bass	99	8.0	0	
10	1	Smallmouth Bass	176	75	1	
11	1	Largemouth Bass	230	195	1	
12	1	Largemouth Bass	202	128	1	
13	2	Notropis spp.		5.0		
14	9	Bluegill		1340		
15	1	Notropis sp.		2.0		
16	2	Pumpkinseed		120		
17	1	Rock Bass		54		
18	5	White Sucker		4610		
19	1	Bluegill	168	138		

END TIME: October 3, 1994 19:13
LOCATION: Ashuelot Island
METHOD : Electrofishing, 0.2 hours
SAMPLE : 16299

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	95	7.1		
2	1	American Shad	92	6.6		
3	1	American Shad	86	5.2		
4	1	American Shad	92	6.4		
5	1	American Shad	95	7.0		
6	1	American Shad	91	6.4		

END TIME: October 3, 1994 19:37
LOCATION: Stebbin Island - New Hampshire - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16300

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	89	5.1		
2	1	American Shad	90	5.5		
3	1	American Shad	96	6.9		
4	1	American Shad	97	7.1		
5	1	American Shad	91	6.3		

END TIME: October 3, 1994 19:42
LOCATION: Stebbin Island - New Hampshire - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16301

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	91	6.0		
2	1	American Shad	94	6.3		
3	1	American Shad	92	6.3		
4	1	American Shad	94	6.5		

END TIME: October 3, 1994 19:47
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16302

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	92	6.0		
2	1	American Shad	93	6.1		
3	1	American Shad	96	7.1		
4	1	American Shad	92	6.0		
5	1	American Shad	92	6.1		
6	1	American Shad	92	6.5		
7	1	American Shad	90	5.9		
8	1	American Shad	91	6.0		
9	1	American Shad	88	5.3		
10	1	American Shad	91	6.3		
11	1	American Shad	90	5.9		
12	1	American Shad	98	8.0		
13	1	American Shad	92	6.6		
14	1	American Shad	95	7.3		
15	1	American Shad	89	5.7		
16	1	American Shad	80	4.7		
17	1	American Shad	94	7.0		

END TIME: October 3, 1994 20:05
LOCATION: Stebbin Island - Vermont - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16303

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	100	7.8		
2	1	American Shad	95	7.[illegible]		
3	1	American Shad	94	7.0		
4	1	American Shad	97	7.9		
5	1	American Shad	95	7.3		
6	1	American Shad	86	5.7		
7	1	American Shad	91	6.4		

END TIME: October 3, 1994 20:15
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16304

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	91	6.5		
2	1	American Shad	87	5.4		
3	1	American Shad	97	7.6		
4	1	American Shad	95	7.4		
5	1	American Shad	97	7.5		
6	1	American Shad	98	7.0		
7	1	American Shad	90	6.7		
8	1	American Shad	95	6.8		
9	1	American Shad	90	6.1		
10	1	American Shad	96	7.1		
11	1	American Shad	89	5.6		
12	1	American Shad	98	7.4		
13	1	American Shad	90	5.9		
14	1	American Shad	98	6.9		
15	1	American Shad	88	5.6		
16	1	American Shad	91	5.8		
17	1	American Shad	98	7.1		

END TIME: October 3, 1994 20:22
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16305

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	90	6.0		
2	1	American Shad	90	6.1		
3	1	American Shad	98	7.5		
4	1	American Shad	92	6.3		
5	1	American Shad	99	8.0		
6	1	American Shad	90	6.3		
7	1	American Shad	97	7.9		
8	1	American Shad	89	6.8		
9	1	American Shad	95	7.2		
10	1	American Shad	94	7.1		
11	1	American Shad	88	6.1		

END TIME: October 3, 1994 20:35
LOCATION: Station 3 - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16306

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	95	6.3		
2	1	American Shad	93	6.5		
3	1	American Shad	98	7.3		
4	1	American Shad	93	6.4		
5	1	American Shad	95	6.5		
6	1	American Shad	94	6.4		
7	1	American Shad	95	6.9		
8	1	American Shad	90	6.2		
9	1	American Shad	95	7.0		
10	1	American Shad	96	7.2		
11	1	American Shad	94	6.5		
12	1	American Shad	90	5.8		
13	1	American Shad	93	6.9		
14	1	American Shad	95	7.2		
15	1	American Shad	85	5.0		
16	1	American Shad	88	5.3		
17	1	American Shad	88	5.3		

END TIME: October 3, 1994 20:41
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16307

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	90	5.8		
2	1	American Shad	88	5.7		
3	1	American Shad	93	6.7		
4	1	American Shad	93	7.1		
5	1	American Shad	90	5.5		
6	1	American Shad	90	6.2		
7	1	American Shad	90	5.8		
8	1	American Shad	80	3.7		
9	1	American Shad	90	5.6		

END TIME: October 3, 1994 20:59
LOCATION: 0.1 Miles South of Vernon Dam - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16308

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	100	8.1		

END TIME: October 25, 1994 19:19
LOCATION: Stebbin Island - New Hampshire - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16312

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	101	8.2		

END TIME: October 25, 1994 19:25
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16313

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	96	6.6		
2	1	American Shad	98	7.5		
3	1	American Shad	97	7.1		
4	1	American Shad	93	6.5		

END TIME: October 25, 1994 19:51
LOCATION: Stebbin Island - Vermont - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16315

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	98	8.0		
2	1	American Shad	100	8.4		
3	1	American Shad	100	8.3		
4	1	American Shad	98	7.9		
5	1	American Shad	98	8.1		
6	1	American Shad	101	8.7		
7	1	American Shad	102	8.9		

END TIME: October 25, 1994 19:57
LOCATION: Stebbin Island - Vermont - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16316

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	98	7.2		
2	1	American Shad	95	6.7		
3	1	American Shad	102	9.3		
4	1	American Shad	95	7.4		
5	1	American Shad	98	7.8		
6	1	American Shad	94	6.4		

END TIME: October 25, 1994 20:22
LOCATION: Station 3 - I
METHOD : Electrofishing 0.1 hours
SAMPLE : 16317

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	98	7.3		

END TIME: October 25, 1994 20:27
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16318

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	98	7.2		
2	1	American Shad	96	6.8		
3	1	American Shad	95	6.8		

END TIME: October 7, 1994 14:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 20.3 hours
SAMPLE : 16358

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	57	3.0		
2	1	Rock Bass	117	35		
3	1	Rock Bass	116	31		
4	1	Rock Bass	89	16		
5	1	Rock Bass	59	4.2		
6	1	Rock Bass	63	5.0		
7	1	Rock Bass	63	4.9		
8	1	Rock Bass	52	2.4		
9	1	Rock Bass	50	2.4		
10	1	Rock Bass	51	2.3		
11	1	Rock Bass	51	2.4		
12	1	Rock Bass	51	2.4		
13	1	Rock Bass	54	3.1		
14	1	Pumpkinseed	56	3.1		
15	1	Pumpkinseed	56	3.1		
16	1	Pumpkinseed	58	2.9		
17	1	Pumpkinseed	53	2.5		
18	1	Pumpkinseed	57	3.0		
19	1	Pumpkinseed	54	2.8		
20	1	Pumpkinseed	60	3.3		
21	1	Pumpkinseed	57	3.0		
22	1	Pumpkinseed	50	2.4		
23	1	Pumpkinseed	52	2.9		
24	1	Lepomis sp.	45	1.5		
25	1	Lepomis sp.	47	1.6		
26	1	Lepomis sp.	47	1.5		
27	1	Lepomis sp.	49	1.8		
28	1	Lepomis sp.	48	1.4		
29	1	Lepomis sp.	47	1.5		
30	1	Lepomis sp.	49	1.7		
31	1	Lepomis sp.	49	1.6		
32	1	Lepomis sp.	46	1.5		
33	1	Lepomis sp.	45	1.1		
34	1	Lepomis sp.	45	1.5		
35	1	Lepomis sp.	47	1.6		
36	1	Lepomis sp.	44	1.1		
37	1	Lepomis sp.	49	1.2		
38	1	Lepomis sp.	47	1.4		
39	1	Lepomis sp.	48	1.6		
40	1	Lepomis sp.	47	1.5		
41	1	Lepomis sp.	43	1.3		

END TIME: October 8, 1994 11:49
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.8 hours
SAMPLE : 16359

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	126	45		
2	1	Rock Bass	108	36		
3	1	Bluegill	51	1.9		
4	1	Sea Lamprey	147	4.0		
5	1	Lepomis sp.	40	3.0		
6	1	Lepomis sp.	48	2.0		
7	1	Lepomis sp.	43	1.5		
8	1	Lepomis sp.	45	1.6		

END TIME:	October 11, 1994 17:54
LOCATION:	Vermont Yankee Intake
METHOD :	Circulating water traveling screens, 78.1 hours
SAMPLE :	16360

No catch for this collection.

END TIME: October 12, 1994 15:28
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 21.6 hours
SAMPLE : 16361

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	85	5.6		
2	1	Spottail Shiner	100	6.5		
3	1	Pumpkinseed	58	3.9		
4	1	Pumpkinseed	63	4.9		
5	1	Pumpkinseed	64	4.5		
6	1	Bluegill	52	2.6		
7	1	Bluegill	55	2.9		
8	1	Lepomis sp.	49	1.9		
9	1	Lepomis sp.	49	1.9		
10	1	Lepomis sp.	47	1.5		
11	1	Lepomis sp.	49	2.0		
12	1	Lepomis sp.	46	1.6		
13	1	Lepomis sp.	47	1.6		
14	1	Lepomis sp.	48	1.7		
15	1	Lepomis sp.	49	1.6		
16	1	Lepomis sp.	44	1.5		

END TIME: October 13, 1994 11:06
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 19.6 hours
SAMPLE : 16368

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	44	1.8		

END TIME: October 14, 1994 15:20
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 28.2 hours
SAMPLE : 16369

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	185	156		
2	1	Yellow Perch	75	5.2		
3	1	Pumpkinseed	55	2.4		
4	1	Lepomis sp.	49	2.3		

END TIME: October 15, 1994 9:31
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 18.2 hours
SAMPLE : 16370

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	67	3.3		

END TIME: October 18, 1994 17:35
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 80.1 hours
SAMPLE : 16371

No catch for this collection.

END TIME: October 19, 1994 13:20
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 19.8 hours
SAMPLE : 16372

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	404	1020		
2	1	Rock Bass	97	18		
3	1	Walleye	75	5.1		
4	1	Lepomis sp.	45	1.9		
5	1	Lepomis sp.	49	2.6		
6	1	Lepomis sp.	49	2.5		
7	1	Lepomis sp.	49	2.5		

END TIME: October 27, 1994 19:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 26.0 hours
SAMPLE : 16373

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	84	6.0		

END TIME: October 26, 1994 17:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 171.7 hours
SAMPLE : 16374

No catch for this collection.

END TIME: November 1, 1994 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water traveling screens, 112.0 hours
SAMPLE : 16404

No catch for this collection.

END TIME: November 9, 1994 18:10
LOCATION: Station 3 - I
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16426

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	104	9.9		

END TIME: November 9, 1994 18:15
LOCATION: Station 3 - II
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16427

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	105	9.6		

END TIME: November 16, 1994 17:23
LOCATION: Stebbin Island - New Hampshire - III
METHOD : Electrofishing, 0.1 hours
SAMPLE : 16454

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Shad	107	11		

Appendix F
Ichthyoplankton

START TIME	:	May 4, 1994 9:30
LOCATION	:	Vermont Yankee Intake, 1 foot
METHOD	:	0.5 meter drift net - horizontal haul
ELAPSED TIME	:	7 minutes, 0 seconds
VOLUME	:	46.0 cubic meters
SAMPLE	:	15398

No catch for this collection.

START TIME : May 4, 1994 9:30
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 50.5 cubic meters
SAMPLE : 15399

No catch for this collection.

START TIME : May 4, 1994 9:30
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 6 minutes, 30 seconds
VOLUME : 45.7 cubic meters
SAMPLE : 15400

No catch for this collection.

START TIME : May 11, 1994 9:30
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 75.2 cubic meters
SAMPLE : 15412

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.3	Yolk sac

START TIME : May 11, 1994 9:30
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 73.0 cubic meters
SAMPLE : 15413

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.3	Yolk sac

START TIME : May 11, 1994 9:30
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 105.6 cubic meters
SAMPLE : 15414

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.3	Yolk sac
2	1	Yellow Perch	0.3	Yolk sac
3	1	Yellow Perch	0.3	Yolk sac
4	1	Yellow Perch	0.3	Yolk sac
5	1	Yellow Perch	0.3	Yolk sac
6	1	Yellow Perch	0.3	Yolk sac
7	1	Yellow Perch	0.3	Yolk sac
8	1	Yellow Perch	0.3	Yolk sac

START TIME : May 16, 1994 12:07
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 110.7 cubic meters
SAMPLE : 15419

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.4	Yolk sac
2	1	Yellow Perch	0.4	Yolk sac
3	1	Yellow Perch	0.4	Yolk sac
4	1	Yellow Perch	0.3	Yolk sac
5	1	Yellow Perch	0.3	Yolk sac
6	1	Yellow Perch	0.3	Yolk sac
7	1	Yellow Perch	0.4	Yolk sac
8	1	Yellow Perch	0.4	Yolk sac
9	1	Yellow Perch	0.4	Yolk sac
10	1	Yellow Perch	0.3	Yolk sac
11	1	Yellow Perch	0.3	Yolk sac

START TIME : May 16, 1994 11:52
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 85.9 cubic meters
SAMPLE : 15420

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.3	Yolk sac
2	1	Yellow Perch	0.4	Yolk sac

START TIME : May 16, 1994 11:52
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 52.5 cubic meters
SAMPLE : 15421

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.3	Yolk sac
2	1	Yellow Perch	0.3	Yolk sac

START TIME : May 25, 1994 11:20
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 45.7 cubic meters
SAMPLE : 15483

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	0.3	Yolk sac
2	1	INDETERMINATE	0.1	Yolk sac
3	1	White Perch	0.2	Yolk sac
4	1	White Perch	0.2	Yolk sac
5	1	White Perch	0.2	Yolk sac

START TIME : May 25, 1994 11:20
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 49.0 cubic meters
SAMPLE : 15484

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	0.2	Yolk sac
2	1	Yellow Perch	0.3	Yolk sac

START TIME : May 25, 1994 11:20
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 43.3 cubic meters
SAMPLE : 15485

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	0.2	Yolk sac
2	1	White Perch	0.2	Yolk sac
3	1	White Perch	0.2	Yolk sac
4	1	Walleye	0.4	Yolk sac

START TIME : June 1, 1994 10:33
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 71.2 cubic meters
SAMPLE : 15544

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Yolk sac
2	1	White Perch	3.5	Yolk sac
3	1	White Perch	3.0	Yolk sac
4	1	INDETERMINATE	2.3	Yolk sac

START TIME : June 1, 1994 10:33
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 74.9 cubic meters
SAMPLE : 15545

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.0	Yolk sac
2	1	White Perch	3.2	Yolk sac
3	1	White Perch	2.5	Yolk sac
4	1	White Perch	3.0	Yolk sac
5	1	White Perch	3.2	Yolk sac
6	1	White Perch	2.8	Yolk sac
7	1	White Perch	2.8	Yolk sac

START TIME : June 1, 1994 10:33
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 71.9 cubic meters
SAMPLE : 15546

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	9.3	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	3.1	Yolk sac
6	1	White Perch	3.5	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	4.2	Yolk sac
9	1	White Perch	3.7	Yolk sac
10	1	White Perch	3.1	Yolk sac
11	1	White Perch	3.4	Yolk sac
12	1	White Perch	2.4	Yolk sac
13	1	White Perch	3.2	Yolk sac

START TIME : June 8, 1994 11:12
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 75.8 cubic meters
SAMPLE : 15548

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.9	Yolk sac
2	1	White Perch	3.7	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.2	Yolk sac
6	1	White Perch	2.5	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.4	Yolk sac

START TIME : June 8, 1994 11:12
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 66.5 cubic meters
SAMPLE : 15549

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Yolk sac
2	1	White Perch	3.5	Yolk sac
3	1	White Perch	3.1	Yolk sac
4	1	White Perch	2.8	Yolk sac
5	1	White Perch	3.0	Yolk sac
6	1	White Perch	3.5	Yolk sac
7	1	White Perch	3.6	Yolk sac
8	1	White Perch	3.1	Yolk sac
9	1	White Perch	3.1	Yolk sac
10	1	White Perch	3.2	Yolk sac
11	1	White Perch	3.3	Yolk sac
12	1	White Perch	3.5	Yolk sac
13	1	White Perch	2.9	Yolk sac
14	1	White Perch	2.8	Yolk sac
15	1	White Perch	3.8	Yolk sac
16	1	White Perch	3.0	Yolk sac
17	1	White Perch	3.3	Yolk sac
18	1	White Perch	2.9	Yolk sac
19	1	White Perch	2.9	Yolk sac
20	1	White Perch	2.9	Yolk sac
21	1	White Perch	2.5	Yolk sac
22	1	White Perch	3.3	Yolk sac
23	1	White Perch	3.4	Yolk sac
24	1	White Perch	3.4	Yolk sac
25	1	White Perch	3.3	Yolk sac
26	1	White Perch	3.2	Yolk sac
27	1	White Perch	3.1	Yolk sac
28	1	White Perch	3.3	Yolk sac
29	1	White Perch	2.5	Yolk sac
30	1	White Perch	3.9	Yolk sac
31	1	White Perch	2.9	Yolk sac
32	1	White Perch	3.3	Yolk sac

START TIME : June 8, 1994 11:12
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 74.0 cubic meters
SAMPLE : 15550

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.9	Yolk sac
2	1	White Perch	3.8	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.3	Yolk sac
5	1	White Perch	3.7	Yolk sac
6	1	White Perch	3.4	Yolk sac
7	1	White Perch	3.5	Yolk sac
8	1	White Perch	3.4	Yolk sac
9	1	White Perch	3.8	Yolk sac
10	1	White Perch	3.0	Yolk sac
11	1	White Perch	3.1	Yolk sac
12	1	White Perch	3.3	Yolk sac
13	1	White Perch	3.1	Yolk sac
14	1	White Perch	3.1	Yolk sac
15	1	White Perch	2.9	Yolk sac

START TIME : June 14, 1994 9:40
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 59.9 cubic meters
SAMPLE : 15870

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Yolk sac
2	1	Notropis sp.	5.1	Yolk sac
3	1	Notropis sp.	5.0	Yolk sac
4	1	Notropis sp.	4.9	Yolk sac
5	1	Notropis sp.	5.0	Yolk sac
6	1	Notropis sp.	4.7	Yolk sac
7	1	Notropis sp.	5.0	Yolk sac
8	1	Notropis sp.	4.9	Yolk sac

START TIME : June 14, 1994 9:40
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 58.2 cubic meters
SAMPLE : 15871

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	4.0	Yolk sac
2	1	White Perch	3.1	Yolk sac
3	1	White Perch	2.4	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	2.9	Yolk sac
6	1	INDETERMINATE	3.9	Yolk sac
7	1	INDETERMINATE	3.0	Yolk sac
8	1	White Perch	4.7	Yolk sac
9	1	White Perch	3.4	Yolk sac
10	1	White Perch	4.3	Yolk sac
11	1	White Perch	4.3	Yolk sac

START TIME : June 14, 1994 9:40
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 60.9 cubic meters
SAMPLE : 15872

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.8	Yolk sac
2	1	White Perch	4.1	Yolk sac
3	1	White Perch	3.0	Yolk sac

START TIME : June 21, 1994 9:55
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 78.6 cubic meters
SAMPLE : 15912

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	5.2	Yolk sac
2	1	Notropis sp.	4.9	Yolk sac
3	1	Notropis sp.	4.3	Yolk sac
4	1	Notropis sp.	4.3	Yolk sac
5	1	Notropis sp.	4.8	Yolk sac
6	1	Notropis sp.	3.9	Yolk sac
7	1	Notropis sp.	5.0	Yolk sac
8	1	Notropis sp.	3.8	Yolk sac
9	1	Notropis sp.	4.6	Yolk sac
10	1	Notropis sp.	3.8	Yolk sac
11	1	Lepomis sp.	4.8	Yolk sac
12	1	Notropis sp.	4.8	Yolk sac
13	1	Notropis sp.	4.5	Yolk sac
14	1	Notropis sp.	4.8	Yolk sac
15	1	Notropis sp.	5.0	Yolk sac
16	1	Notropis sp.	4.8	Yolk sac
17	1	Notropis sp.	3.7	Yolk sac
18	1	Notropis sp.	4.4	Yolk sac
19	1	Notropis sp.	4.5	Yolk sac
20	1	Notropis sp.	4.6	Yolk sac
21	1	Lepomis sp.	5.0	Yolk sac
22	1	Notropis sp.	4.6	Yolk sac
23	1	Notropis sp.	4.5	Yolk sac
24	1	Notropis sp.	4.8	Yolk sac
25	1	Notropis sp.	4.4	Yolk sac
26	1	Notropis sp.	4.4	Yolk sac
27	1	Notropis sp.	4.8	Yolk sac
28	1	Notropis sp.	4.7	Yolk sac
29	1	Notropis sp.	4.2	Yolk sac
30	1	Notropis sp.	4.0	Yolk sac
31	1	Notropis sp.	4.5	Yolk sac
32	1	Notropis sp.	4.5	Yolk sac
33	1	Notropis sp.	4.6	Yolk sac
34	1	Notropis sp.	4.5	Yolk sac
35	1	Notropis sp.	4.9	Yolk sac
36	1	Notropis sp.	4.4	Yolk sac
37	1	Notropis sp.	4.5	Yolk sac
38	1	Notropis sp.	4.3	Yolk sac
39	1	Notropis sp.	4.8	Yolk sac
40	1	Notropis sp.	4.7	Yolk sac
41	1	Notropis sp.	3.7	Yolk sac
42	1	Notropis sp.	4.4	Yolk sac
43	1	Notropis sp.	4.6	Yolk sac
44	1	Notropis sp.	3.8	Yolk sac
45	1	Notropis sp.	4.8	Yolk sac
46	1	Notropis sp.	2.4	Yolk sac
47	1	Notropis sp.	5.3	Yolk sac
48	1	Notropis sp.	3.8	Yolk sac
49	1	Notropis sp.	4.4	Yolk sac
50	1	Lepomis sp.	5.0	Yolk sac
51	1	Notropis sp.	4.6	Yolk sac
52	1	Notropis sp.	4.5	Yolk sac
53	1	Notropis sp.	4.9	Yolk sac
54	1	Notropis sp.	4.4	Yolk sac
55	1	Notropis sp.	3.8	Yolk sac
56	1	Notropis sp.	4.3	Yolk sac
57	1	Notropis sp.	4.0	Yolk sac
58	1	Notropis sp.	3.7	Yolk sac
59	1	Notropis sp.	4.3	Yolk sac
60	1	Notropis sp.	3.8	Yolk sac
61	1	Notropis sp.	3.8	Yolk sac

(CONTINUED)

START TIME : June 21, 1994 9:55
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 78.6 cubic meters
SAMPLE : 15912

Fish ID	Number of fish	Species	Length (mm)	Life stage
62	1	Notropis sp.	4.8	Yolk sac
63	1	Notropis sp.	4.5	Yolk sac
64	1	Notropis sp.	4.3	Yolk sac
65	1	Notropis sp.	4.8	Yolk sac
66	1	Notropis sp.	4.2	Yolk sac
67	1	Notropis sp.	4.4	Yolk sac
68	1	Notropis sp.	4.4	Yolk sac
69	1	Notropis sp.	3.8	Yolk sac
70	1	Notropis sp.	4.6	Yolk sac
71	1	Notropis sp.	4.0	Yolk sac
72	1	Notropis sp.	4.3	Yolk sac
73	1	Notropis sp.	4.8	Yolk sac
74	1	Notropis sp.	4.3	Yolk sac
75	1	Notropis sp.	4.5	Yolk sac
76	1	Notropis sp.	4.6	Yolk sac
77	1	Notropis sp.	4.7	Yolk sac
78	1	Notropis sp.	4.7	Yolk sac
79	1	Notropis sp.	4.6	Yolk sac
80	1	Notropis sp.	4.8	Yolk sac
81	1	Notropis sp.	4.5	Yolk sac
82	1	Notropis sp.	4.2	Yolk sac
83	1	Notropis sp.	4.5	Yolk sac
84	1	Notropis sp.	4.0	Yolk sac
85	1	Notropis sp.	4.0	Yolk sac
86	1	Notropis sp.	4.8	Yolk sac
87	1	Notropis sp.	4.4	Yolk sac
88	1	Notropis sp.	4.3	Yolk sac
89	1	Notropis sp.	4.8	Yolk sac
90	1	Notropis sp.	4.4	Yolk sac
91	1	Notropis sp.	4.8	Yolk sac
92	1	Notropis sp.	4.3	Yolk sac
93	1	Notropis sp.	4.4	Yolk sac
94	1	Notropis sp.	4.9	Yolk sac
95	1	Notropis sp.	4.0	Yolk sac
96	1	Notropis sp.	4.4	Yolk sac
97	1	Notropis sp.	4.9	Yolk sac
98	1	Notropis sp.	4.8	Yolk sac
99	1	Notropis sp.	4.7	Yolk sac
100	1	Notropis sp.	4.7	Yolk sac
101	1	Notropis sp.	4.6	Yolk sac
102	1	Notropis sp.	4.7	Yolk sac
103	1	Notropis sp.	4.9	Yolk sac
104	1	Notropis sp.	5.0	Yolk sac
105	1	Notropis sp.	4.6	Yolk sac
106	1	Notropis sp.	4.0	Yolk sac
107	1	Notropis sp.	4.4	Yolk sac
108	1	Notropis sp.	3.9	Yolk sac
109	1	Notropis sp.	4.0	Yolk sac
110	1	Notropis sp.	4.5	Yolk sac
111	1	Notropis sp.	3.9	Yolk sac
112	1	Notropis sp.	4.3	Yolk sac
113	1	Notropis sp.	4.9	Yolk sac
114	1	Notropis sp.	4.1	Yolk sac
115	1	Notropis sp.	3.4	Yolk sac
116	1	Notropis sp.	4.4	Yolk sac
117	1	Notropis sp.	3.8	Yolk sac
118	1	Notropis sp.	3.3	Yolk sac
119	1	Notropis sp.	4.8	Yolk sac
120	1	Notropis sp.	4.3	Yolk sac
121	1	Notropis sp.	3.9	Yolk sac
122	1	Notropis sp.	4.8	Yolk sac

(CONTINUED)

START TIME : June 21, 1994 9:55
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 78.6 cubic meters
SAMPLE : 15912

Fish ID	Number of fish	Species	Length (mm)	Life stage
123	1	Notropis sp.	4.3	Yolk sac
124	1	Notropis sp.	5.1	Yolk sac
125	1	Notropis sp.	4.8	Yolk sac
126	1	Notropis sp.	5.0	Yolk sac
127	1	Lepomis sp.	4.9	Yolk sac
128	1	Lepomis sp.	5.2	Yolk sac
129	1	Notropis sp.	4.6	Yolk sac
130	1	Notropis sp.	3.8	Yolk sac
131	1	Notropis sp.	4.3	Yolk sac
132	1	Notropis sp.	4.0	Yolk sac
133	1	Notropis sp.	4.8	Yolk sac
134	1	Notropis sp.	4.9	Yolk sac
135	1	Notropis sp.	4.9	Yolk sac
136	1	Notropis sp.	4.8	Yolk sac
137	1	Notropis sp.	4.3	Yolk sac
138	1	Notropis sp.	4.9	Yolk sac
139	1	Notropis sp.	4.1	Yolk sac
140	1	Notropis sp.	3.8	Yolk sac
141	1	Notropis sp.	4.3	Yolk sac
142	1	Notropis sp.	4.8	Yolk sac
143	1	Notropis sp.	4.2	Yolk sac
144	1	Notropis sp.	4.4	Yolk sac
145	1	Notropis sp.	3.8	Yolk sac
146	1	Notropis sp.	4.8	Yolk sac
147	1	Notropis sp.	4.6	Yolk sac
148	1	Notropis sp.	3.4	Yolk sac
149	1	Notropis sp.	3.8	Yolk sac
150	1	Notropis sp.	3.8	Yolk sac
151	1	Notropis sp.	3.7	Yolk sac
152	1	Notropis sp.	3.8	Yolk sac
153	1	Notropis sp.	4.4	Yolk sac
154	1	Notropis sp.	4.3	Yolk sac
155	1	Notropis sp.	5.5	Yolk sac
156	1	Notropis sp.	4.3	Yolk sac
157	1	Notropis sp.	4.4	Yolk sac
158	1	Notropis sp.	4.6	Yolk sac
159	1	Notropis sp.	4.4	Yolk sac
160	1	Notropis sp.	4.3	Yolk sac
161	1	Notropis sp.	4.3	Yolk sac
162	1	Notropis sp.	4.3	Yolk sac
163	1	Notropis sp.	4.4	Yolk sac
164	1	Notropis sp.	3.7	Yolk sac
165	1	Notropis sp.	4.7	Yolk sac
166	1	Notropis sp.	4.4	Yolk sac
167	1	Notropis sp.	4.3	Yolk sac
168	1	Notropis sp.	4.3	Yolk sac
169	1	Notropis sp.	4.4	Yolk sac
170	1	Notropis sp.	4.2	Yolk sac
171	1	Notropis sp.	4.8	Yolk sac
172	1	Notropis sp.	4.4	Yolk sac
173	1	Notropis sp.	4.3	Yolk sac
174	1	Notropis sp.	4.2	Yolk sac
175	1	Notropis sp.	4.0	Yolk sac
176	1	Notropis sp.	3.4	Yolk sac
177	1	Notropis sp.	4.0	Yolk sac
178	1	Notropis sp.	4.3	Yolk sac
179	1	Notropis sp.	3.8	Yolk sac
180	1	Notropis sp.	4.8	Yolk sac
181	1	Notropis sp.	4.8	Yolk sac
182	1	Notropis sp.	4.3	Yolk sac
183	1	Notropis sp.	4.3	Yolk sac

(CONTINUED)

START TIME : June 21, 1994 9:55
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 78.6 cubic meters
SAMPLE : 15912

Fish ID	Number of fish	Species	Length (mm)	Life stage
184	1	Notropis sp.	4.2	Yolk sac
185	1	Notropis sp.	4.3	Yolk sac
186	1	Notropis sp.	3.9	Yolk sac
187	1	Notropis sp.	4.0	Yolk sac
188	1	Notropis sp.	4.4	Yolk sac
189	1	Notropis sp.	4.8	Yolk sac
190	1	Notropis sp.	4.2	Yolk sac
191	1	Notropis sp.	4.4	Yolk sac
192	1	Notropis sp.	4.6	Yolk sac
193	1	Notropis sp.	4.4	Yolk sac
194	1	Notropis sp.	4.6	Yolk sac
195	1	Notropis sp.	4.4	Yolk sac
196	1	Notropis sp.	4.5	Yolk sac
197	1	Notropis sp.	4.7	Yolk sac
198	1	Notropis sp.	4.4	Yolk sac
199	1	Notropis sp.	4.2	Yolk sac
200	1	Notropis sp.	4.4	Yolk sac
201	1	Notropis sp.	4.2	Yolk sac
202	1	Notropis sp.	4.1	Yolk sac
203	1	Notropis sp.	4.2	Yolk sac
204	1	Notropis sp.	4.6	Yolk sac
205	1	Notropis sp.	4.4	Yolk sac
206	1	Notropis sp.	4.5	Yolk sac
207	1	Notropis sp.	4.2	Yolk sac
208	1	Notropis sp.	4.0	Yolk sac

START TIME : June 21, 1994 9:55
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 85.3 cubic meters
SAMPLE : 15913

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	6.7	Yolk sac
2	1	Lepomis sp.	5.8	Yolk sac
3	1	Lepomis sp.	6.0	Yolk sac
4	1	Notropis sp.	4.3	Yolk sac
5	1	Notropis sp.	4.8	Yolk sac
6	1	Notropis sp.	4.5	Yolk sac
7	1	Notropis sp.	4.7	Yolk sac
8	1	Notropis sp.	4.0	Yolk sac
9	1	Notropis sp.	4.9	Yolk sac
10	1	Notropis sp.	5.0	Yolk sac
11	1	Notropis sp.	4.6	Yolk sac
12	1	Notropis sp.	4.3	Yolk sac
13	1	Notropis sp.	3.9	Yolk sac
14	1	Notropis sp.	4.2	Yolk sac
15	1	White Perch	3.4	Yolk sac
16	1	White Perch	3.1	Yolk sac
17	1	White Perch	3.0	Yolk sac
18	1	White Perch	3.5	Yolk sac

START TIME : June 21, 1994 9:55
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 80.5 cubic meters
SAMPLE : 15914

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	5.0	Yolk sac
2	1	Notropis sp.	4.3	Yolk sac
3	1	Notropis sp.	4.8	Yolk sac
4	1	Notropis sp.	4.4	Yolk sac
5	1	Notropis sp.	4.7	Yolk sac
6	1	Notropis sp.	3.9	Yolk sac
7	1	Notropis sp.	5.2	Yolk sac
8	1	Notropis sp.	4.4	Yolk sac
9	1	Notropis sp.	4.2	Yolk sac
10	1	Notropis sp.	4.8	Yolk sac
11	1	Notropis sp.	4.5	Yolk sac
12	1	Notropis sp.	5.0	Yolk sac
13	1	Notropis sp.	3.7	Yolk sac
14	1	Notropis sp.	3.3	Yolk sac
15	1	Notropis sp.	4.0	Yolk sac
16	1	Notropis sp.	4.5	Yolk sac
17	1	Notropis sp.	4.5	Yolk sac
18	1	White Perch	3.3	Yolk sac
19	1	Lepomis sp.	4.0	Yolk sac

START TIME : June 27, 1994 10:10
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 88.0 cubic meters
SAMPLE : 15960

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Common Carp	7.2	Yolk sac
2	1	Notropis sp.	4.8	Yolk sac
3	1	Notropis sp.	3.9	Yolk sac
4	1	Notropis sp.	4.6	Yolk sac
5	1	Notropis sp.	4.0	Yolk sac
6	1	Notropis sp.	4.3	Yolk sac
7	1	Notropis sp.	4.7	Yolk sac
8	1	Notropis sp.	4.8	Yolk sac
9	1	Notropis sp.	5.2	Yolk sac
10	1	Notropis sp.	5.0	Yolk sac
11	1	Notropis sp.	4.3	Yolk sac
12	1	Notropis sp.	4.9	Yolk sac
13	1	Notropis sp.	4.6	Yolk sac
14	1	Notropis sp.	4.9	Yolk sac
15	1	Notropis sp.	3.4	Yolk sac
16	1	Notropis sp.	4.6	Yolk sac
17	1	Notropis sp.	4.3	Yolk sac
18	1	Notropis sp.	4.8	Yolk sac
19	1	Notropis sp.	8.2	Yolk sac
20	1	Notropis sp.	6.6	Yolk sac
21	1	Notropis sp.	4.8	Yolk sac
22	1	Notropis sp.	4.4	Yolk sac
23	1	Notropis sp.	4.6	Yolk sac
24	1	Notropis sp.	4.8	Yolk sac
25	1	Notropis sp.	5.0	Yolk sac
26	1	Notropis sp.	5.0	Yolk sac
27	1	Notropis sp.	4.4	Yolk sac
28	1	Notropis sp.	4.8	Yolk sac
29	1	Notropis sp.	4.3	Yolk sac
30	1	Notropis sp.	4.6	Yolk sac
31	1	Notropis sp.	5.0	Yolk sac
32	1	Notropis sp.	4.9	Yolk sac
33	1	Notropis sp.	4.0	Yolk sac
34	1	Notropis sp.	4.8	Yolk sac
35	1	Notropis sp.	4.0	Yolk sac
36	1	Notropis sp.	5.0	Yolk sac
37	1	Notropis sp.	4.5	Yolk sac
38	1	Notropis sp.	4.8	Yolk sac
39	1	Notropis sp.	5.0	Yolk sac
40	1	Notropis sp.	4.3	Yolk sac
41	1	Notropis sp.	3.9	Yolk sac
42	1	Notropis sp.	4.7	Yolk sac
43	1	Notropis sp.	4.8	Yolk sac
44	1	Notropis sp.	4.8	Yolk sac
45	1	Notropis sp.	4.8	Yolk sac
46	1	Notropis sp.	5.1	Yolk sac
47	1	Notropis sp.	4.3	Yolk sac
48	1	Notropis sp.	4.4	Yolk sac
49	1	Notropis sp.	4.9	Yolk sac
50	1	Notropis sp.	4.3	Yolk sac
51	1	Notropis sp.	4.4	Yolk sac
52	1	Notropis sp.	4.4	Yolk sac
53	1	Notropis sp.	4.3	Yolk sac
54	1	Notropis sp.	4.8	Yolk sac
55	1	Notropis sp.	4.9	Yolk sac
56	1	Notropis sp.	4.9	Yolk sac
57	1	Notropis sp.	4.7	Yolk sac
58	1	Notropis sp.	4.8	Yolk sac
59	1	Notropis sp.	4.9	Yolk sac
60	1	Notropis sp.	4.4	Yolk sac
61	1	Notropis sp.	4.4	Yolk sac

(CONTINUED)

START TIME : June 27, 1994 10:10
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 88.0 cubic meters
SAMPLE : 15960

Fish ID	Number of fish	Species	Length (mm)	Life stage
62	1	Notropis sp.	4.9	Yolk sac
63	1	Notropis sp.	4.8	Yolk sac
64	1	Notropis sp.	4.8	Yolk sac
65	1	Notropis sp.	4.7	Yolk sac
66	1	Notropis sp.	4.0	Yolk sac
67	1	Notropis sp.	5.0	Yolk sac
68	1	Notropis sp.	5.0	Yolk sac
69	1	Notropis sp.	5.0	Yolk sac
70	1	Notropis sp.	4.3	Yolk sac
71	1	INDETERMINATE	4.2	Yolk sac
72	1	Notropis sp.	4.8	Yolk sac
73	1	Notropis sp.	4.2	Yolk sac
74	1	Notropis sp.	4.7	Yolk sac
75	1	Notropis sp.	4.6	Yolk sac
76	1	Notropis sp.	4.4	Yolk sac
77	1	Notropis sp.	4.0	Yolk sac
78	1	Notropis sp.	4.2	Yolk sac
79	1	Notropis sp.	4.5	Yolk sac
80	1	Notropis sp.	4.0	Yolk sac
81	1	Notropis sp.	4.3	Yolk sac
82	1	Notropis sp.	5.0	Yolk sac
83	1	Notropis sp.	4.6	Yolk sac
84	1	Notropis sp.	4.8	Yolk sac
85	1	Notropis sp.	4.8	Yolk sac
86	1	Notropis sp.	4.3	Yolk sac
87	1	Notropis sp.	4.7	Yolk sac
88	1	Notropis sp.	4.6	Yolk sac
89	1	Notropis sp.	4.4	Yolk sac
90	1	Notropis sp.	3.9	Yolk sac
91	1	Notropis sp.	5.0	Yolk sac
92	1	Notropis sp.	3.8	Yolk sac
93	1	Notropis sp.	4.8	Yolk sac
94	1	Notropis sp.	4.8	Yolk sac
95	1	Notropis sp.	4.4	Yolk sac
96	1	Notropis sp.	4.3	Yolk sac
97	1	Notropis sp.	4.5	Yolk sac
98	1	Notropis sp.	3.9	Yolk sac
99	1	Notropis sp.	4.3	Yolk sac
100	1	Notropis sp.	4.8	Yolk sac
101	1	Notropis sp.	1.9	Yolk sac
102	1	Notropis sp.	4.2	Yolk sac
103	1	Notropis sp.	4.3	Yolk sac
104	1	Notropis sp.	4.3	Yolk sac
105	1	Notropis sp.	4.7	Yolk sac
106	1	Notropis sp.	4.8	Yolk sac
107	1	Notropis sp.	4.3	Yolk sac
108	1	Notropis sp.	3.8	Yolk sac
109	1	Notropis sp.	4.0	Yolk sac
110	1	Notropis sp.	4.4	Yolk sac
111	1	Notropis sp.	5.0	Yolk sac
112	1	Notropis sp.	4.3	Yolk sac
113	1	Notropis sp.	4.8	Yolk sac
114	1	Notropis sp.	3.9	Yolk sac
115	1	Notropis sp.	4.8	Yolk sac
116	1	Notropis sp.	4.3	Yolk sac
117	1	Notropis sp.	7.1	Yolk sac
118	1	Notropis sp.	5.0	Yolk sac
119	1	Notropis sp.	4.6	Yolk sac
120	1	Notropis sp.	4.3	Yolk sac
121	1	Notropis sp.	4.0	Yolk sac
122	1	Notropis sp.	4.3	Yolk sac

(CONTINUED)

START TIME : June 27, 1994 10:10
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 88.0 cubic meters
SAMPLE : 15960

Fish ID	Number of fish	Species	Length (mm)	Life stage
123	1	Notropis sp.	4.3	Yolk sac
124	1	Notropis sp.	4.3	Yolk sac
125	1	Notropis sp.	4.8	Yolk sac
126	1	Notropis sp.	4.2	Yolk sac
127	1	Notropis sp.	4.3	Yolk sac
128	1	Notropis sp.	4.3	Yolk sac
129	1	Notropis sp.	4.8	Yolk sac
130	1	Notropis sp.	4.9	Yolk sac
131	1	Notropis sp.	3.8	Yolk sac
132	1	Notropis sp.	4.5	Yolk sac
133	1	Notropis sp.	5.0	Yolk sac
134	1	Notropis sp.	4.6	Yolk sac
135	1	Notropis sp.	4.9	Yolk sac
136	1	Notropis sp.	5.0	Yolk sac
137	1	Notropis sp.	4.9	Yolk sac
138	1	Notropis sp.	3.9	Yolk sac
139	1	Notropis sp.	4.3	Yolk sac
140	1	Notropis sp.	3.8	Yolk sac
141	1	Notropis sp.	4.5	Yolk sac
142	1	Notropis sp.	4.5	Yolk sac
143	1	Notropis sp.	4.0	Yolk sac
144	1	Notropis sp.	5.0	Yolk sac
145	1	Notropis sp.	4.5	Yolk sac
146	1	Notropis sp.	4.6	Yolk sac
147	1	Notropis sp.	5.2	Yolk sac
148	1	Notropis sp.	5.1	Yolk sac
149	1	Notropis sp.	4.4	Yolk sac
150	1	Notropis sp.	4.9	Yolk sac
151	1	Notropis sp.	3.8	Yolk sac
152	1	Notropis sp.	4.0	Yolk sac
153	1	Notropis sp.	4.3	Yolk sac
154	1	Notropis sp.	4.3	Yolk sac
155	1	Notropis sp.	4.7	Yolk sac
156	1	Notropis sp.	4.8	Yolk sac
157	1	Notropis sp.	4.4	Yolk sac
158	1	Notropis sp.	4.0	Yolk sac
159	1	Notropis sp.	4.1	Yolk sac
160	1	Notropis sp.	5.3	Yolk sac
161	1	Notropis sp.	4.3	Yolk sac
162	1	Notropis sp.	4.6	Yolk sac
163	1	Notropis sp.	4.3	Yolk sac
164	1	Notropis sp.	4.4	Yolk sac
165	1	Notropis sp.	4.5	Yolk sac
166	1	Notropis sp.	4.3	Yolk sac
167	1	Notropis sp.	4.9	Yolk sac
168	1	Notropis sp.	4.8	Yolk sac
169	1	Notropis sp.	4.8	Yolk sac
170	1	Notropis sp.	4.8	Yolk sac
171	1	Notropis sp.	4.8	Yolk sac
172	1	Notropis sp.	4.8	Yolk sac
173	1	Notropis sp.	3.8	Yolk sac
174	1	Notropis sp.	4.8	Yolk sac
175	1	Notropis sp.	4.8	Yolk sac
176	1	Notropis sp.	4.7	Yolk sac
177	1	Notropis sp.	4.0	Yolk sac
178	1	Notropis sp.	4.3	Yolk sac
179	1	Notropis sp.	4.4	Yolk sac
180	1	Notropis sp.	4.0	Yolk sac
181	1	Notropis sp.	4.3	Yolk sac
182	1	Notropis sp.	4.8	Yolk sac
183	1	Notropis sp.	5.4	Yolk sac

(CONTINUED)

START TIME : June 27, 1994 10:10
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 88.0 cubic meters
SAMPLE : 15960

Fish ID	Number of fish	Species	Length (mm)	Life stage
184	1	Notropis sp.	4.9	Yolk sac
185	1	Notropis sp.	4.5	Yolk sac
186	1	Notropis sp.	4.4	Yolk sac
187	1	Notropis sp.	4.8	Yolk sac
188	1	Notropis sp.	4.7	Yolk sac
189	1	Notropis sp.	4.4	Yolk sac
190	1	Notropis sp.	4.7	Yolk sac
191	1	Notropis sp.	5.0	Yolk sac
192	1	Notropis sp.	4.9	Yolk sac
193	1	Notropis sp.	4.5	Yolk sac
194	1	Notropis sp.	4.8	Yolk sac
195	1	Notropis sp.	4.4	Yolk sac
196	1	Notropis sp.	4.3	Yolk sac
197	1	Notropis sp.	4.5	Yolk sac
198	1	Notropis sp.	4.4	Yolk sac
199	796	Notropis spp.		Yolk sac

START TIME : June 27, 1994 10:10
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 86.8 cubic meters
SAMPLE : 15961

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Yolk sac
2	1	Notropis sp.	4.4	Yolk sac
3	1	Notropis sp.	4.5	Yolk sac
4	1	Notropis sp.	4.3	Yolk sac
5	1	Notropis sp.	4.7	Yolk sac
6	1	Notropis sp.	4.5	Yolk sac
7	1	Notropis sp.	4.6	Yolk sac
8	1	Notropis sp.	4.4	Yolk sac
9	1	Notropis sp.	4.6	Yolk sac
10	1	Notropis sp.	4.2	Yolk sac
11	1	Notropis sp.	4.0	Yolk sac
12	1	Notropis sp.	4.0	Yolk sac
13	1	Notropis sp.	4.3	Yolk sac
14	1	Notropis sp.	4.7	Yolk sac
15	1	Notropis sp.	4.8	Yolk sac
16	1	Notropis sp.	4.8	Yolk sac
17	1	Notropis sp.	4.8	Yolk sac
18	1	Notropis sp.	4.8	Yolk sac
19	1	Notropis sp.	4.3	Yolk sac
20	1	Notropis sp.	4.7	Yolk sac
21	1	Notropis sp.	4.8	Yolk sac
22	1	Notropis sp.	4.9	Yolk sac
23	1	Notropis sp.	4.0	Yolk sac
24	1	Notropis sp.	4.7	Yolk sac
25	1	Notropis sp.	4.8	Yolk sac
26	1	White Perch	3.0	Yolk sac
27	1	White Perch	3.0	Yolk sac

START TIME : June 27, 1994 10:10
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME : 88.3 cubic meters
SAMPLE : 15962

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Yolk sac
2	1	Notropis sp.	4.4	Yolk sac
3	1	Notropis sp.	4.4	Yolk sac
4	1	Notropis sp.	4.5	Yolk sac
5	1	Notropis sp.	4.4	Yolk sac
6	1	Notropis sp.	4.8	Yolk sac
7	1	Notropis sp.	4.8	Yolk sac
8	1	Notropis sp.	4.3	Yolk sac
9	1	Notropis sp.	3.9	Yolk sac
10	1	Notropis sp.	4.4	Yolk sac
11	1	Notropis sp.	4.4	Yolk sac
12	1	Notropis sp.	4.5	Yolk sac
13	1	Notropis sp.	4.4	Yolk sac
14	1	Notropis sp.	4.3	Yolk sac
15	1	Notropis sp.	4.4	Yolk sac
16	1	White Perch	3.3	Yolk sac
17	1	White Perch	3.3	Yolk sac
18	1	White Perch	3.4	Yolk sac
19	1	White Perch	3.0	Yolk sac
20	1	White Perch	3.0	Yolk sac

START TIME : July 6, 1994 11:00
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 61.6 cubic meters
SAMPLE : 15975

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	5.8	Yolk sac
2	1	Notropis sp.	4.9	Yolk sac
3	1	Notropis sp.	5.0	Yolk sac
4	1	Notropis sp.	4.8	Yolk sac
5	1	Notropis sp.	4.8	Yolk sac
6	1	Notropis sp.	5.2	Yolk sac
7	1	Notropis sp.	4.8	Yolk sac
8	1	Notropis sp.	4.9	Yolk sac
9	1	Notropis sp.	5.0	Yolk sac
10	1	Notropis sp.	4.7	Yolk sac
11	1	INDETERMINATE	2.6	Yolk sac
12	1	Notropis sp.	4.8	Yolk sac
13	1	Notropis sp.	4.8	Yolk sac
14	1	Notropis sp.	4.8	Yolk sac
15	1	Notropis sp.	4.9	Yolk sac
16	1	Notropis sp.	5.0	Yolk sac
17	1	Notropis sp.	4.8	Yolk sac
18	1	Notropis sp.	4.7	Yolk sac
19	1	Notropis sp.	4.8	Yolk sac
20	1	Notropis sp.	4.7	Yolk sac
21	1	Notropis sp.	4.7	Yolk sac
22	1	Notropis sp.	5.0	Yolk sac
23	1	Notropis sp.	4.9	Yolk sac
24	1	Notropis sp.	4.9	Yolk sac
25	1	Notropis sp.	4.7	Yolk sac
26	1	Notropis sp.	4.4	Yolk sac
27	1	Lepomis sp.	5.3	Yolk sac
28	1	White Perch	3.0	Yolk sac

START TIME : July 6, 1994 11:00
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 66.0 cubic meters
SAMPLE : 15976

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	5.9	Yolk sac
2	1	Lepomis sp.	5.3	Yolk sac
3	1	Lepomis sp.	5.7	Yolk sac
4	1	Bluegill	12.9	Juvenile

START TIME : July 6, 1994 11:00
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 7 minutes, 30 seconds
VOLUME :
SAMPLE : 15977

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Yolk sac

START TIME : July 13, 1994 9:37
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 76.9 cubic meters
SAMPLE : 15999

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	7.1	Yolk sac
2	1	Lepomis sp.	5.4	Yolk sac
3	1	Lepomis sp.	5.1	Yolk sac
4	1	Lepomis sp.	5.3	Yolk sac
5	1	Lepomis sp.	5.7	Yolk sac
6	1	Lepomis sp.	6.2	Yolk sac
7	1	Lepomis sp.	5.7	Yolk sac
8	1	Lepomis sp.	5.7	Yolk sac
9	1	Notropis sp.	4.9	Yolk sac
10	1	Notropis sp.	5.0	Yolk sac
11	1	Notropis sp.	4.8	Yolk sac
12	1	Notropis sp.	5.0	Yolk sac
13	1	Notropis sp.	4.8	Yolk sac
14	1	Notropis sp.	4.8	Yolk sac
15	1	Notropis sp.	4.9	Yolk sac
16	1	Notropis sp.	4.8	Yolk sac
17	1	Notropis sp.	4.7	Yolk sac
18	1	Notropis sp.	5.1	Yolk sac
19	1	Notropis sp.	4.5	Yolk sac
20	1	Notropis sp.	4.9	Yolk sac
21	1	Notropis sp.	5.0	Yolk sac
22	1	Notropis sp.	4.7	Yolk sac
23	1	Notropis sp.	4.8	Yolk sac
24	1	Notropis sp.	4.7	Yolk sac
25	1	Notropis sp.	4.7	Yolk sac
26	1	Notropis sp.	4.9	Yolk sac
27	1	Notropis sp.	4.8	Yolk sac
28	1	Notropis sp.	4.7	Yolk sac
29	1	Notropis sp.	4.7	Yolk sac
30	1	Notropis sp.	4.4	Yolk sac
31	1	Notropis sp.	4.4	Yolk sac
32	1	Notropis sp.	4.8	Yolk sac
33	1	Notropis sp.	4.8	Yolk sac
34	1	Notropis sp.	4.8	Yolk sac
35	1	Notropis sp.	4.9	Yolk sac
36	1	Notropis sp.	5.0	Yolk sac
37	1	Notropis sp.	4.8	Yolk sac
38	1	Notropis sp.	4.9	Yolk sac
39	1	Notropis sp.	4.7	Yolk sac
40	1	Notropis sp.	4.8	Yolk sac
41	1	Notropis sp.	5.2	Yolk sac
42	1	Notropis sp.	4.8	Yolk sac
43	1	Notropis sp.	4.8	Yolk sac
44	1	Notropis sp.	4.7	Yolk sac
45	1	Notropis sp.	4.4	Yolk sac
46	1	Notropis sp.	4.8	Yolk sac
47	1	Notropis sp.	4.3	Yolk sac
48	1	Notropis sp.	4.8	Yolk sac
49	1	Notropis sp.	4.3	Yolk sac
50	1	Notropis sp.	4.4	Yolk sac
51	1	Notropis sp.	4.9	Yolk sac
52	1	Notropis sp.	4.3	Yolk sac
53	1	Notropis sp.	4.7	Yolk sac
54	1	Notropis sp.	4.4	Yolk sac
55	1	Notropis sp.	4.5	Yolk sac
56	1	Notropis sp.	4.8	Yolk sac
57	1	Notropis sp.	4.2	Yolk sac
58	1	Notropis sp.	4.4	Yolk sac
59	1	Notropis sp.	4.7	Yolk sac
60	1	Notropis sp.	4.8	Yolk sac
61	1	Notropis sp.	4.4	Yolk sac

(CONTINUED)

START TIME : July 13, 1994 9:37
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 76.9 cubic meters
SAMPLE : 15999

Fish ID	Number of fish	Species	Length (mm)	Life stage
62	1	Notropis sp.	4.4	Yolk sac
63	1	Notropis sp.	4.5	Yolk sac
64	1	Notropis sp.	4.4	Yolk sac
65	1	Notropis sp.	4.3	Yolk sac
66	1	Notropis sp.	4.7	Yolk sac
67	1	Notropis sp.	4.4	Yolk sac
68	1	Notropis sp.	4.7	Yolk sac
69	1	Notropis sp.	4.7	Yolk sac
70	1	Notropis sp.	4.8	Yolk sac
71	1	Notropis sp.	4.8	Yolk sac
72	1	Notropis sp.	4.5	Yolk sac
73	1	Notropis sp.	4.3	Yolk sac
74	1	Notropis sp.	4.6	Yolk sac
75	1	Notropis sp.	4.3	Yolk sac
76	1	Notropis sp.	4.4	Yolk sac
77	1	Notropis sp.	4.3	Yolk sac
78	1	Notropis sp.	4.4	Yolk sac
79	1	Notropis sp.	4.4	Yolk sac
80	1	Notropis sp.	4.8	Yolk sac
81	1	Notropis sp.	4.8	Yolk sac
82	1	Notropis sp.	4.5	Yolk sac
83	1	Notropis sp.	4.9	Yolk sac
84	1	Notropis sp.	3.9	Yolk sac
85	1	Notropis sp.	4.0	Yolk sac
86	1	Notropis sp.	4.7	Yolk sac
87	1	Notropis sp.	3.9	Yolk sac
88	1	Notropis sp.	4.0	Yolk sac
89	1	Notropis sp.	4.7	Yolk sac
90	1	Notropis sp.	4.3	Yolk sac
91	1	Notropis sp.	4.8	Yolk sac
92	1	Notropis sp.	4.7	Yolk sac
93	1	Notropis sp.	3.9	Yolk sac
94	1	Notropis sp.	4.3	Yolk sac
95	1	Notropis sp.	4.8	Yolk sac
96	1	Notropis sp.	4.8	Yolk sac
97	1	Notropis sp.	4.7	Yolk sac
98	1	Notropis sp.	4.3	Yolk sac
99	1	Notropis sp.	4.4	Yolk sac
100	1	Notropis sp.	4.8	Yolk sac
101	1	Notropis sp.	4.4	Yolk sac
102	1	Notropis sp.	3.8	Yolk sac
103	1	Notropis sp.	4.4	Yolk sac
104	1	Notropis sp.	4.8	Yolk sac
105	1	Notropis sp.	4.8	Yolk sac
106	1	Notropis sp.	4.4	Yolk sac
107	1	Notropis sp.	4.7	Yolk sac
108	1	Notropis sp.	4.8	Yolk sac
109	1	Notropis sp.	5.0	Yolk sac
110	1	Notropis sp.	4.5	Yolk sac
111	1	Notropis sp.	4.8	Yolk sac
112	1	Notropis sp.	5.0	Yolk sac
113	1	Notropis sp.	4.3	Yolk sac
114	1	Notropis sp.	5.0	Yolk sac
115	1	Notropis sp.	4.8	Yolk sac
116	1	Notropis sp.	4.5	Yolk sac
117	1	Notropis sp.	4.9	Yolk sac
118	1	Notropis sp.	4.8	Yolk sac
119	1	Notropis sp.	4.3	Yolk sac
120	1	Notropis sp.	4.4	Yolk sac
121	1	Notropis sp.	4.5	Yolk sac
122	1	Notropis sp.	5.2	Yolk sac

(CONTINUED)

START TIME : July 13, 1994 9:37
LOCATION : Vermont Yankee Intake, 1 foot
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 6 minutes, 0 seconds
VOLUME : 76.9 cubic meters
SAMPLE : 15999

Fish ID	Number of fish	Species	Length (mm)	Life stage
123	1	Notropis sp.	4.8	Yolk sac
124	1	Notropis sp.	5.0	Yolk sac
125	1	Notropis sp.	4.7	Yolk sac
126	1	Notropis sp.	4.5	Yolk sac
127	1	Notropis sp.	4.9	Yolk sac
128	1	Notropis sp.	4.4	Yolk sac
129	1	Notropis sp.	4.4	Yolk sac
130	1	Notropis sp.	4.8	Yolk sac
131	1	Notropis sp.	4.7	Yolk sac
132	1	Notropis sp.	4.3	Yolk sac
133	1	Notropis sp.	4.8	Yolk sac
134	1	Notropis sp.	4.9	Yolk sac
135	1	Notropis sp.	4.4	Yolk sac
136	1	Notropis sp.	4.9	Yolk sac
137	1	Notropis sp.	4.8	Yolk sac
138	1	Notropis sp.	4.7	Yolk sac
139	1	Notropis sp.	4.5	Yolk sac
140	225	Notropis spp.		Yolk sac

START TIME : July 13, 1994 9:37
LOCATION : Vermont Yankee Intake, 6 feet
METHOD : 0.5 meter drift net - horizontal haul
ELAPSED TIME: 8 minutes, 0 seconds
VOLUME : 78.8 cubic meters
SAMPLE : 16000

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	6.0	Yolk sac
2	1	Lepomis sp.	5.5	Yolk sac
3	1	Lepomis sp.	5.7	Yolk sac
4	1	Lepomis sp.	5.2	Yolk sac
5	1	Notropis sp.	4.5	Yolk sac
6	1	Notropis sp.	4.9	Yolk sac
7	1	Notropis sp.	4.8	Yolk sac
8	1	Notropis sp.	4.8	Yolk sac
9	1	Notropis sp.	4.3	Yolk sac
10	1	Notropis sp.	4.8	Yolk sac
11	1	Notropis sp.	4.3	Yolk sac
12	1	Notropis sp.	4.2	Yolk sac

START TIME	:	July 13, 1994 9:50
LOCATION	:	Vermont Yankee Intake, 12 feet
METHOD	:	0.5 meter drift net - horizontal haul
ELAPSED TIME	:	7 minutes, 30 seconds
VOLUME	:	61.9 cubic meters
SAMPLE	:	16001

No catch for this collection.