(PA)

XEROX

RLE

Document Name:	VY Annual ecological studies of the CT River report 14–final.pdf
Printing Time:	10/17/06 11:28:07
Copies Requested:	1
Virtual Printer:	dt6135/6135hold
Printed For:	BCR

RLE

Job Messages

XEROX

RLE

Document Name: VY Annual ecological studies of the CT River report 14–final.pdf

%%[Page: 1]%%
%%[Page: 2]%%
%%[Page: 3]%%
%%[Page: 4]%%
%%[Page: 5]%%
%%[Page: 6]%%
%%[Page: 7]%%
%%[Page: 8]%%
%%[Page: 9]%%
%%[Page: 10]%%
%%[Page: 11]%%
%%[Page: 12]%%
%%[Page: 13]%%
%%[Page: 14]%%
%%[Page: 15]%%
%%[Page: 16]%%
%%[Page: 17]%%
%%[Page: 18]%%
%%[Page: 19]%%
%%[Page: 20]%%
%%[Page: 21]%%
%%[Page: 22]%%
%%[Page: 23]%%
%%[Page: 24]%%
%%[Page: 25]%%
%%[Page: 26]%%
%%[Page: 27]%%
%%[Page: 28]%%
%%[Page: 29]%%
%%[Page: 30]%%
%%[Page: 31]%%
%%[Page: 32]%%
%%[Page: 33]%%
%%[Page: 34]%%
%%[Page: 35]%%
%%[Page: 36]%%
%%[Page: 37]%%
%%[Page: 38]%%
%%[Page: 39]%%
%%[Page: 40]%%
%%[Page: 41]%%
%%[Page: 42]%%
%%[Page: 43]%%
%%[Page: 44]%%
%%[Page: 45]%%
%%[Page: 46]%%
%%[Page: 47]%%
%%[Page: 48]%%
%%[Page: 49]%%
%%[Page: 50]%%

Job Messages

%%[Page: 51]%%
%%[Page: 52]%%
%%[Page: 53]%%
%%[Page: 54]%%
%%[Page: 55]%%
%%[Page: 56]%%
%%[Page: 57]%%
%%[Page: 58]%%
%%[Page: 59]%%
%%[Page: 60]%%
%%[Page: 61]%%
%%[Page: 62]%%
%%[Page: 63]%%
%%[Page: 64]%%
%%[Page: 65]%%
%%[Page: 66]%%
%%[Page: 67]%%
%%[Page: 68]%%
%%[Page: 69]%APS: DRVR: ANORM: %
%%[Page: 70]%%
%%[Page: 71]%%
%%[Page: 72]%%
%%[Page: 73]%%
%%[Page: 74]%%
%%[Page: 75]%%
%%[Page: 76]%%
%%[Page: 77]%%
%%[Page: 78]%%
%%[Page: 79]%%
%%[Page: 80]%%
%%[Page: 81]%%
%%[Page: 82]%%
%%[Page: 83]%%
%%[Page: 84]%%
%%[Page: 85]%%
%%[Page: 86]%%
%%[Page: 87]%%
%%[Page: 88]%%
%%[Page: 89]%%
%%[Page: 90]%%
%%[Page: 91]%%
%%[Page: 92]%%
%%[Page: 93]%%
%%[Page: 94]%%
%%[Page: 95]%%
%%[Page: 96]%%
%%[Page: 97]%%
%%[Page: 98]%%
%%[Page: 99]%%
%%[Page: 100]%%
%%[Page: 101]%%
%%[Page: 102]%%
%%[Page: 103]%%
%%[Page: 104]%%
%%[Page: 105]%%
%%[Page: 106]%%
%%[Page: 107]%%

Job Messages

%%[Page: 108]%%
%%[Page: 109]%%
%%[Page: 110]%%
%%[Page: 111]%%
%%[Page: 112]%%
%%[Page: 113]%%
%%[Page: 114]%%
%%[Page: 115]%%
%%[Page: 116]%%
%%[Page: 117]%%
%%[Page: 118]%%
%%[Page: 119]%%
%%[Page: 120]%%
%%[Page: 121]%%
%%[Page: 122]%%
%%[Page: 123]%%
%%[Page: 124]%%
%%[Page: 125]%%
%%[Page: 126]%%
%%[Page: 127]%%
%%[Page: 128]%%
%%[Page: 129]%%
%%[Page: 130]%%
%%[Page: 131]%%
%%[Page: 132]%%
%%[Page: 133]%%
%%[Page: 134]%%
%%[Page: 135APS: DRVR: ANORM:]%%
%%[Page: 136]%%
%%[Page: 137]%%
%%[Page: 138]%%
%%[Page: 139]%%
%%[Page: 140]%%
%%[Page: 141]%%
%%[Page: 142]%%
%%[Page: 143]%%
%%[Page: 144]%%
%%[Page: 145]%%
%%[Page: 146]%%
%%[Page: 147]%%
%%[Page: 148]%%
%%[Page: 149]%%
%%[Page: 150]%%
%%[Page: 151]%%
%%[Page: 152]%%
%%[Page: 153]%%
%%[Page: 154]%%
%%[Page: 155]%%
%%[Page: 156]%%
%%[Page: 157]%%
%%[Page: 158]%%
%%[Page: 159]%%
%%[Page: 160]%%
%%[Page: 161]%%
%%[Page: 162]%%
%%[Page: 163]%%
%%[Page: 164]%%
*** ADDITIONAL MESSAGES LOGGED, BUT NOT REPORTED ***

ECOLOGICAL STUDIES OF THE CONNECTICUT RIVER VERNON/VERMONT

REPORT XIV

SUMMARY AND DATA

JANUARY 1984 – DECEMBER 1984

VERMONT YANKEE NUCLEAR POWER CORP.
TECHNICAL INFORMATION CENTER

prepared for

VERMONT YANKEE NUCLEAR POWER CORPORATION
BRATTLEBORO, VERMONT

1022

by

AQUATEC, INC.
SOUTH BURLINGTON, VERMONT

1985

Contents

1.0	INTRODUCTION	1
2.0	COMPLIANCE WITH THERMAL STANDARDS	3
2.1	Thermal Standards	3
2.2	Methods of Demonstrating Compliance	4
2.3	Thermal Impact	5
3.0	WATER QUALITY STUDIES	11
4.0	PHYTOPLANKTON AND ZOOPLANKTON STUDIES	18
4.1	Methods of Collection and Processing	18
4.2	Summary	19
5.0	MACROINVERTEBRATE STUDIES	37
5.1	Methods of Collection and Processing	37
5.2	Summary	38
6.0	FISH STUDIES	54
6.1	Methods of Collection and Processing	54
6.2	Summary	58
	Ichthyoplankton	58
	Impingement	58
	Fish	59
REFERENCES		77

Appendix A Water Quality
Appendix B Phytoplankton
Appendix C Zooplankton
Appendix D Macroinvertebrates
Appendix E Ichthyoplankton
Appendix F Fish

List of Figures

1.1	Environmental sample stations.	2
2.1	Vermont Yankee power.	6
2.2	Vermont Yankee discharge heat.	7
2.3	Connecticut River discharge.	9
2.4	Connecticut River temperature increase	10
2.5	Connecticut River temperatures	12
3.1	Dissolved oxygen at Monitor 7.	13
3.2	Dissolved oxygen at Monitor 3.	14
3.3	pH at Monitor 7.	15
3.4	pH at Monitor 3.	16
4.1	Composition of phytoplankton by sampling gear.	27
4.2	Monitor 7 phytoplankton by net.	28
4.3	Monitor 7 phytoplankton by whole water.	29
4.4	Monitor 3 phytoplankton by net.	30
4.5	Monitor 3 phytoplankton by whole water.	31
4.6	Monitor 7 zooplankton.	32
4.7	Monitor 3 zooplankton.	33
5.1	Composition of macroinvertebrates by sampling gear.	45
5.2	Station 5 macroinvertebrates by dredge.	46
5.3	Station 4 macroinvertebrates by dredge.	47
5.4	Station 3 macroinvertebrates by dredge.	48
5.5	Station 2 macroinvertebrates by dredge.	49
5.6	Station 5 macroinvertebrates by cage.	50
5.7	Station 4 macroinvertebrates by cage	51
5.8	Station 3 macroinvertebrates by cage.	52
5.9	Station 2 macroinvertebrates by cage	53
6.1	Ichthyoplankton sample stations	55
6.2	Trap net and electrofishing locations	57

List of Tables

4.1	Checklist of the phytoplankton of the Connecticut River near Vernon, Vermont	20
4.2	Checklist of the zooplankton of the Connecticut River near Vernon, Vermont	25
4.3	Summary of phytoplankton entrainment.	34
4.4	Summary of zooplankton entrainment.	35
4.5	Entrainment chlorophyll a study.	36
5.1	Checklist of macroinvertebrates of the Connecticut River near Vernon, Vermont	40
6.1	Ichthyoplankton sampling effort by month.	61
6.2	Collection dates and total number of ichthyoplankton captured upstream and downstream of Vernon Dam.	62
6.3	Locations and numbers of collections of ichthyoplankton taxa.	63
6.4	Monthly impingement of fish on Vermont Yankee circulating and service water traveling screens	64
6.5	Fishing effort.	65
6.6	Checklist of fishes collected during 1983.	66
6.7	Numbers and weights of fishes collected upstream and downstream of Vernon Dam.	67
6.8	Numbers of weights of fishes collected upstream of Vernon Dam.	68
6.9	Numbers and weights of fishes captured by different gear upstream of Vernon Dam.	69
6.10	Numbers and weights of fishes collected downstream of Vernon Dam.	70
6.11	Numbers and weights of fishes captured by different gears downstream of Vernon Dam.	71
6.12	Length and weight statistics for white perch collected upstream and downstream.	72
6.13	Length and weight statistics for yellow perch collected upstream and downstream.	73
6.14	Length and weight statistics for walleye collected upstream and downstream.	74
6.15	Length and weight statistics for smallmouth bass collected upstream and downstream.	75
6.16	Length and weight statistics for largemouth bass collected upstream and downstream.	76

1.0 INTRODUCTION

This report was prepared to fulfill requirements of Vermont Yankee Nuclear Power Plant's discharge permit, NPDES No. VT0000264. Material in this report demonstrates compliance with thermal criteria defined in section b.(3) of the permit. Results of the environmental monitoring program defined in Attachment A of the permit are reported in this document. Data obtained for studies conducted for Project SAVE (Save Available Vermont Energy) are also reported here. Comparison of permit requirements with information in this report will demonstrate that all conditions in the NPDES permit have been met. Environmental sample stations referred to in the following sections of this report are described in Figure 1.1.

Analysis of environmental impact and articles relevant to the Vermont Yankee/Connecticut River system are presented separately in Analytical Bulletins. During 1984, five bulletins were prepared:

<u>Analytical Bulletin 1</u>

Notes on the Health of Fishes
of the Connecticut River near Vernon, Vermont
by Philip C. Downey

<u>Analytical Bulletin 2</u>

Thermal Experience of the Connecticut
River near Vernon, Vermont
by H. Gregory Johnston

<u>Analytical Bulletin 3</u>

Synopsis of 1983 Environmental Programs
by Roger C. Binkerd

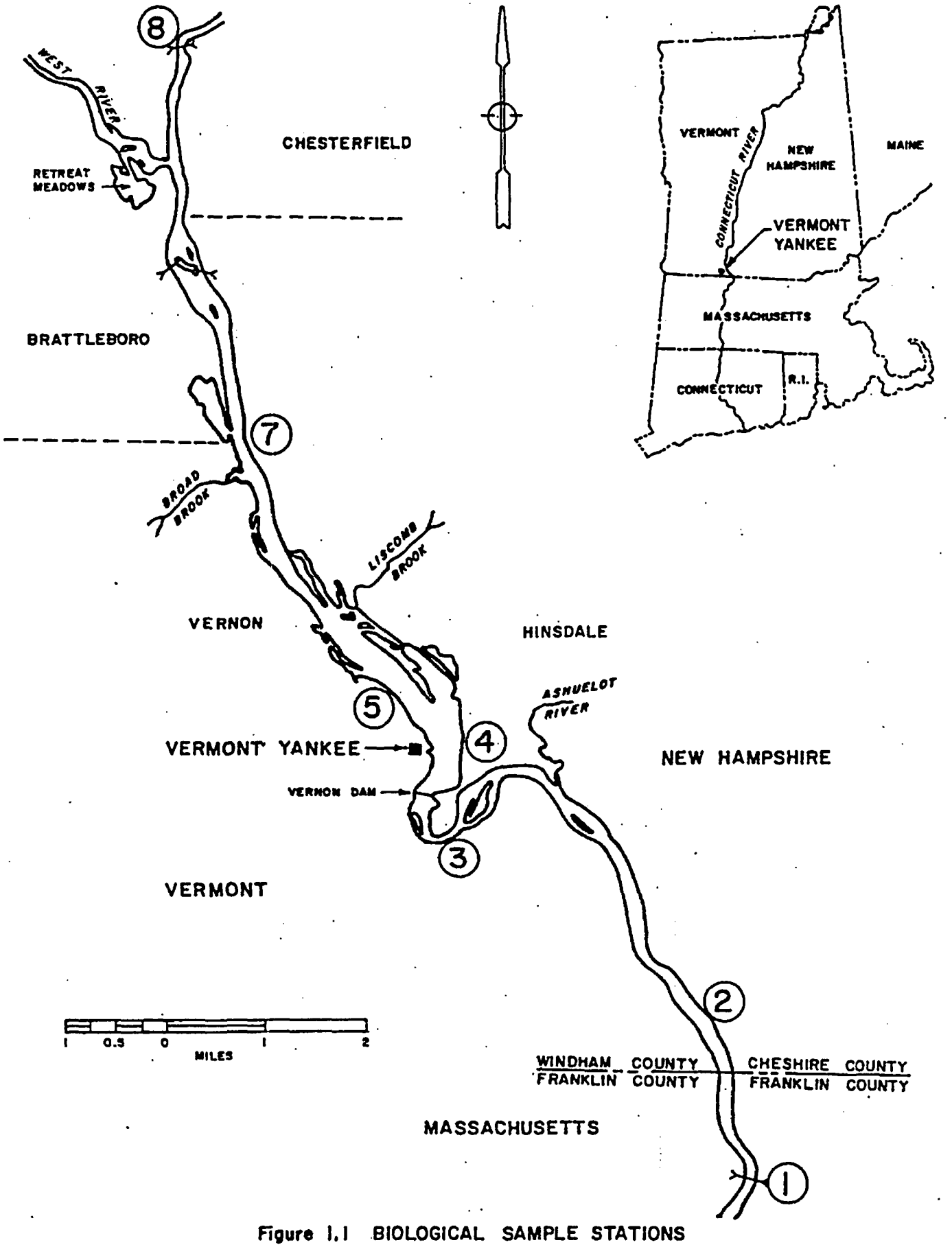

Figure 1.1 BIOLOGICAL SAMPLE STATIONS

Analytical Bulletin 4

Determination of Optimal Settings of
Condenser Cooling System Facilities
by H. Gregory Johnston and
Roger C. Binkerd

Analytical Bulletin 5

Age and Growth of Walleye
(*Stizostedion vitreum vitreum* (Mitchill))
of the Connecticut River near Vernon, Vermont
by Philip C. Downey

2.0 COMPLIANCE WITH THERMAL STANDARDS

2.1 Thermal Standards

The mode of operation of Vermont Yankee's cooling water system is related to calendar dates. Closed cycle cooling is required from 16 May through 14 October. During the remainder of the year, Vermont Yankee can discharge heat to the Connecticut River within the following thermal standards (section b.(3) of the NPDES permit):

1. The temperature at Monitor 3 during open cycle operation shall not exceed 65°F (degrees Fahrenheit).

2. The rate of change of temperature at Monitor 3 shall not exceed 5°F per hour.

3. The increase in temperature above ambient at Monitor 3 shall not exceed 13.4°F.

The river discharge near Vernon is regulated to exceed 1200 cfs (cubic feet per second). Since the theoretical increase in temperature due to Vermont Yankee's thermal discharge at a river flow of 1200 cfs is 13.4°F, these standards, in effect, permit open cycle condenser cooling without cooling tower operation when ambient river temperatures are less than 51.6°F. If ambient

river temperatures are greater than 51.6°F, the amount of heat discharged to the river can be reduced by utilization of cooling towers.

The NPDES permit contains a provision that allows the Secretary of the Vermont Agency of Environmental Conservation to waive the closed cycle provision during the period 16 May through 14 October while studies are being conducted to assess environmental impact. In response to a request by Vermont Yankee, the Secretary granted permission on 25 April 1984 to discharge heat to the river during 1984 from 16 May to 14 October within state thermal standards.* The objective of studies outlined in the request was to obtain sufficient biological data to determine if state thermal standards are appropriate for summer open cycle operation. This was the third consecutive year that open cycle operation was allowed during the summer.

2.2 Methods of Demonstrating Compliance

Compliance with the criterion that limit open cycle operation to times when the downstream temperature was 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.

---

* State thermal standards allow a mixed increase in temperature of 5°F when ambient temperatures are below 55°F; 4°F increase between 55°F and 58°F; 3°F increase between 59°F and 62°F; 2°F increase between 63°F and 66°F; and 1°F increase above 66°F. State standards for rate of change in temperature is to have none that would adversely impact the aquatic ecosystem.

Increase in temperature above ambient is defined in the NPDES permit as plant induced temperature increase as calculated by equation 1-1 in the report 316 Demonstration (1978). This equation illustrates the principle of conservation of heat, a principle which was implemented via a computer simulation of the Vermont Yankee/Connecticut River system. Compliance with the thermal criteria for the test program from 16 May through 14 October were demonstrated by heat balance and used the same mathematical simulator.

2.3 Thermal Impact

Figures in this section illustrate the principle of conservation of heat as applied to the Vermont Yankee/Connecticut River system. Figure 2.1 depicts core thermal, gross, and net power produced by Vermont Yankee in 1984. These data were obtained from hourly records supplied by Vermont Yankee. Gross and net electrical power records were obtained from Meter Data Sheets, VYAPF 0158.01. Core thermal power records were obtained from hourly "balance of plant" (BOP) records supplied by Vermont Yankee from 1 January to 15 June 1984. From August through December, 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 MW (megawatts). About 1/3 of this power was converted to electrical power, and the remainder of the heat was transferred to the atmosphere via the cooling towers or the river. In 1984, the plant was shut down for refueling from mid-June to early August; the steady decline in core thermal power prior to this shutdown indicated the depletion of fuel.

Figure 2.2 depicts heat discharged to the river. The plant discharged all the energy that was not converted to electrical energy to the river from 1 January until 13 June. On 13 June,

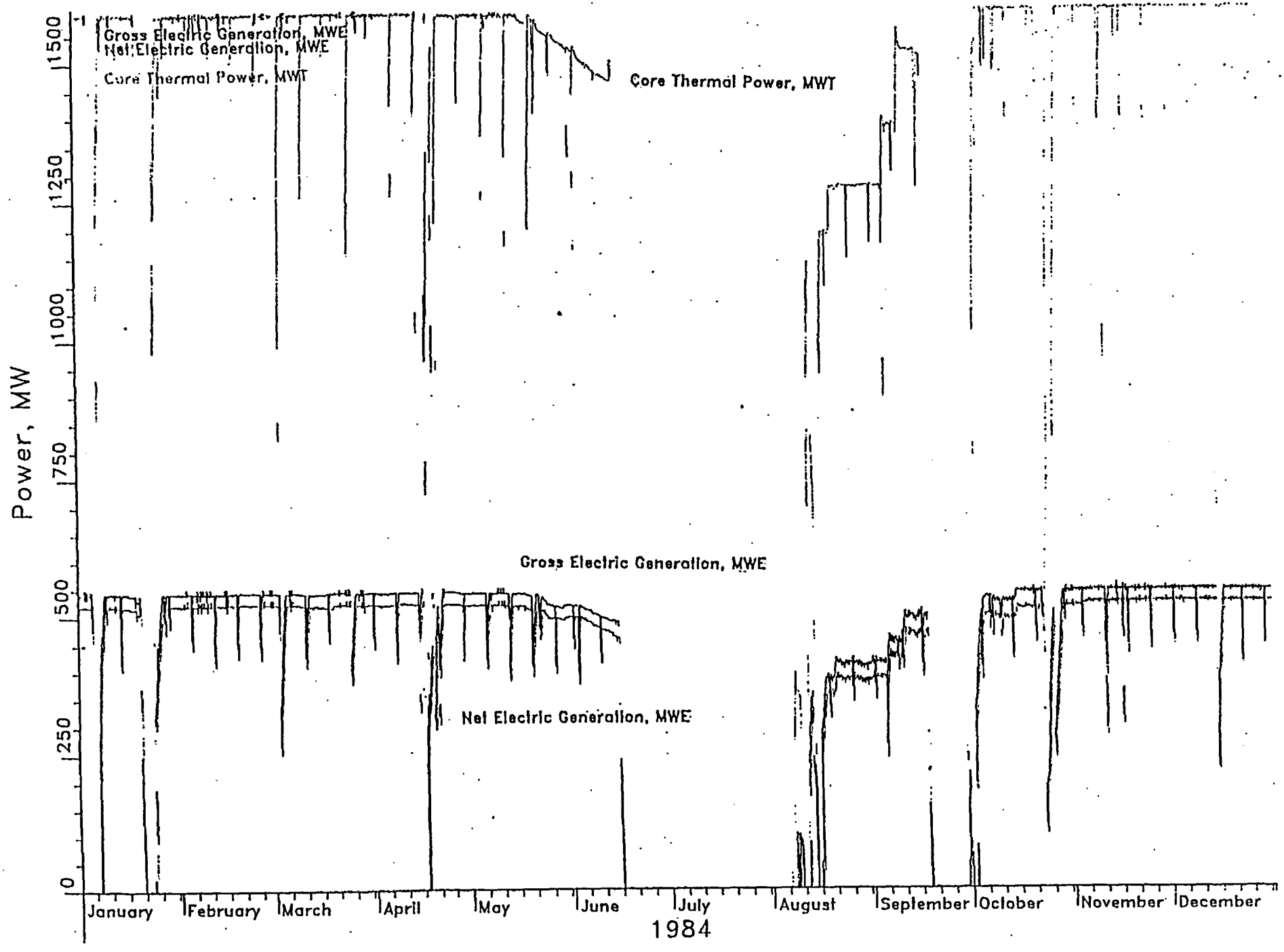

Figure 2.1 Vermont Yankee Power, 1984

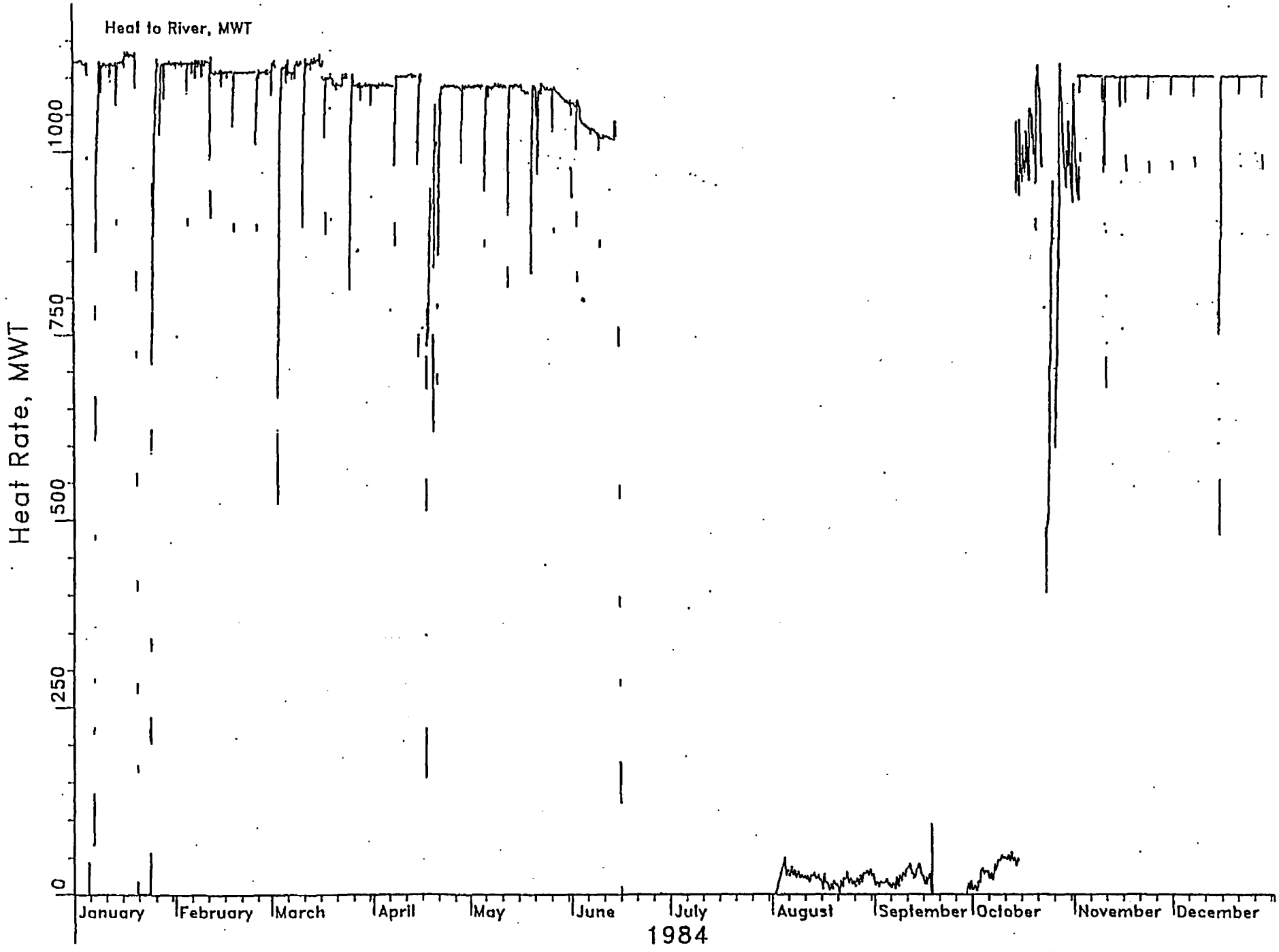

Figure 2.2 Vermont Yankee Discharged Heat, 1984

cooling towers were utilized to dissipate heat directly to the atmosphere which reduced the heat discharged to the river. This mode of cooling was necessary to stay within thermal criteria. During August, September, and until mid-October, the plant remained in a closed cycle cooling mode and only a relatively small amount of heat was discharged to the river; the remainder was transferred to the atmosphere via the cooling towers.

Figure 2.3 depicts Connecticut River discharge near Vernon, Vermont. These data were obtained from records at the Vernon hydroelectric station. For discharge greater than 12,000 cfs, a rating curve was used to convert stage height to discharge. The rating curve is the same one that was used by the U.S.G.S. prior to abandoning the Vernon gaging station. That curve is believed to be sufficiently accurate for high discharge since the impact of backwater from the Northfield Mountain Pump Storage Facility and the modification at Turner Falls Dam have a small impact on stage height near Vernon Dam for high discharge. Below 12,000 cfs, discharge data were obtained from turbine rating curves at Vernon Station.

The peak flow indicated in Figure 2.3 was about 90,000 cfs on 31 May (a tabulation of hourly discharge data is in Appendix A). Not only was that discharge unusually high, but it occurred at the end of May rather than during April.

Increases in river temperatures due to Vermont Yankee's operation are depicted in Figure 2.4. Comparison of Figure 2.2, Vermont Yankee Discharge Heat, with Figure 2.3, Connecticut River Discharge, illustrates that for a constant heat rejection rate to the river, the temperature increase was inversely proportional to river discharge. At no time during 1984 were thermal limits on increase in river temperature exceeded due to Vermont Yankee's operation. Operators in Vermont Yankee's control room again

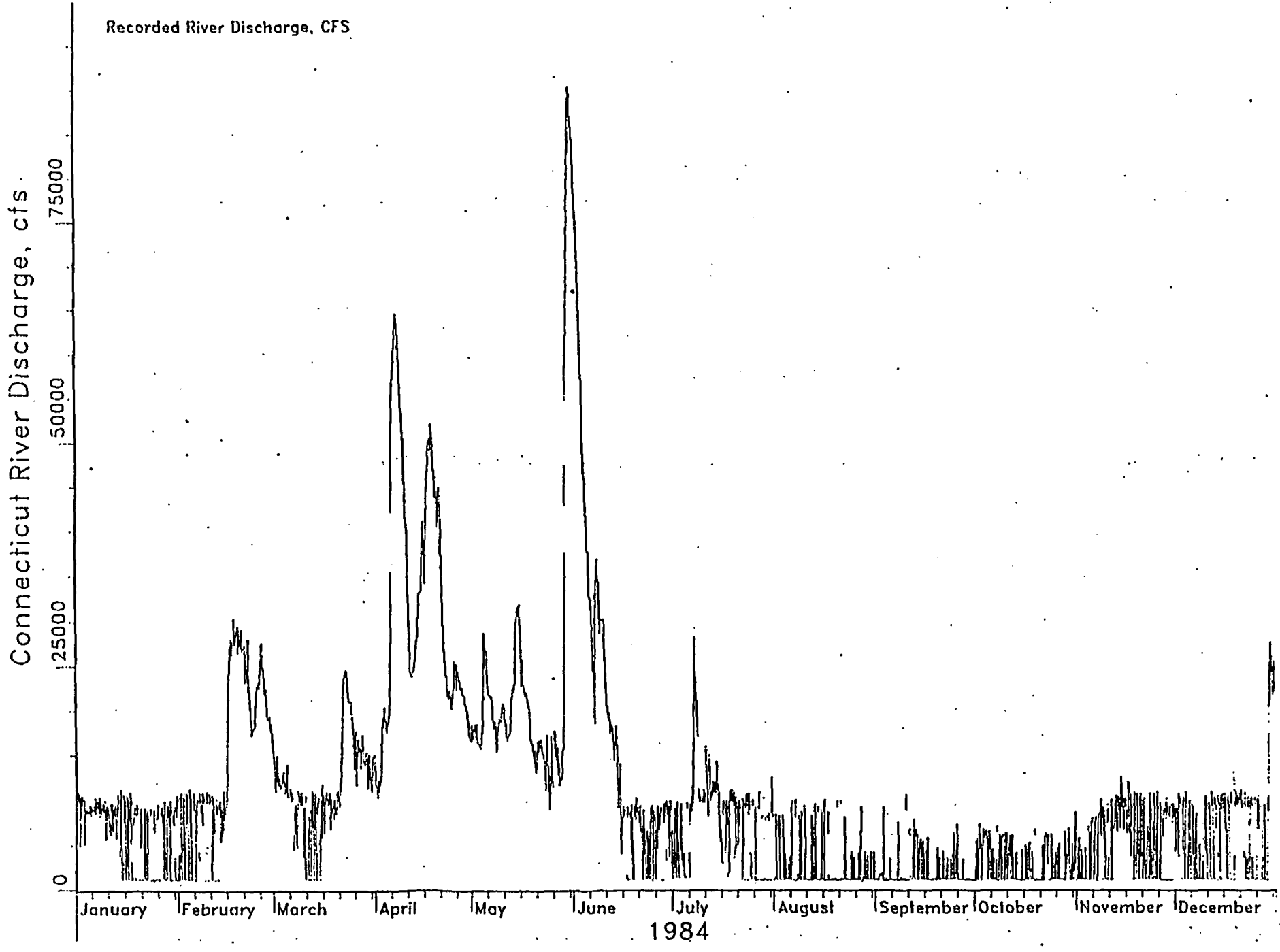

Figure 2.3 Connecticut River Discharge, 1984

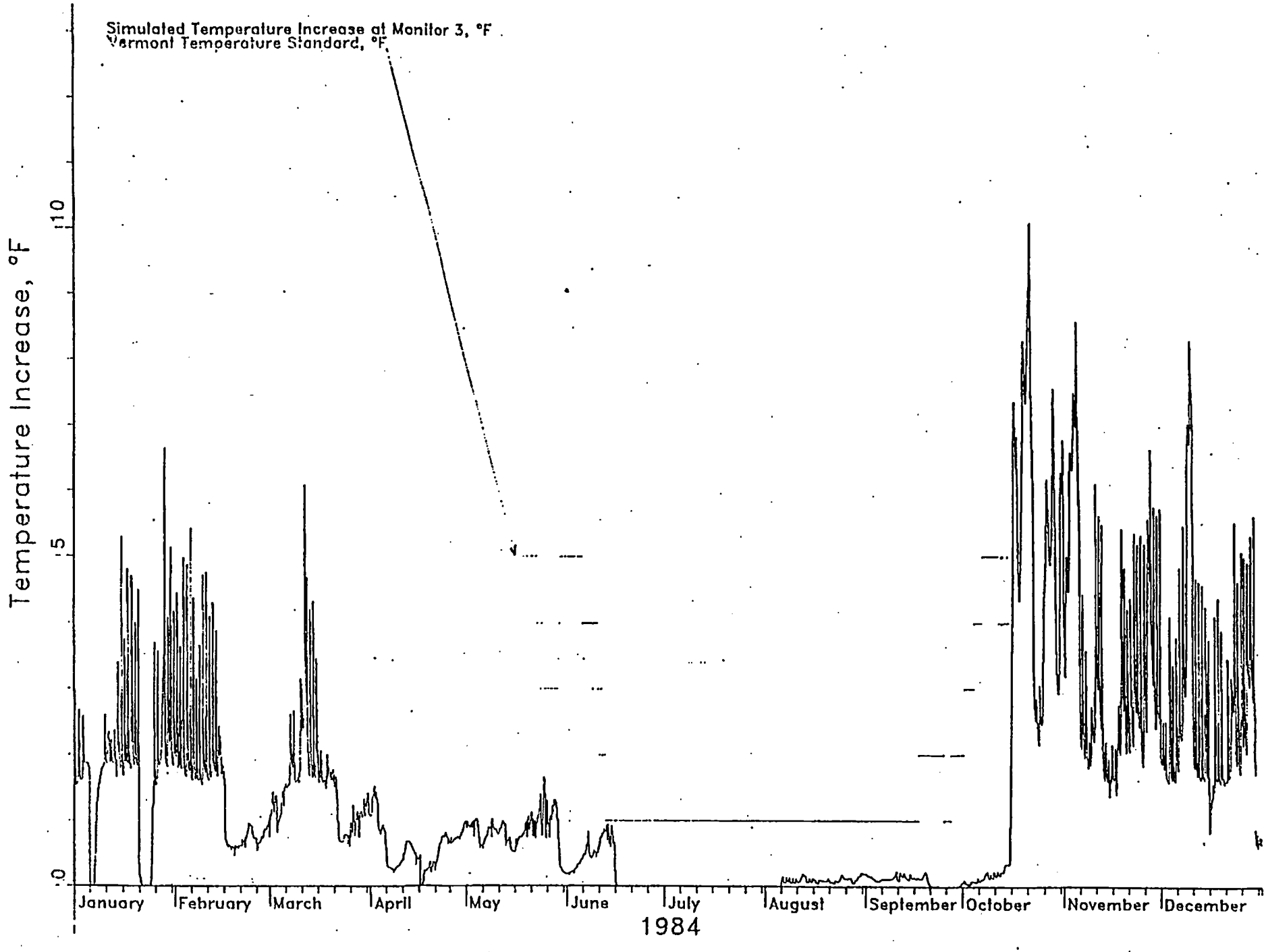

Figure 2.4 Connecticut River Temperature Increase, 1984

demonstrated their ability to control heat rejection rates from the plant to remain even with a 1°F temperature increase limitation. To aid plant operators in making decisions on appropriate heat rejection rates, procedures were prepared which are documented in Analytical Bulletin 4.

Results of the simulation of heat balance indicated that the highest simulated temperature increase was 10°F in mid-October. At that same time, the difference between downstream and upstream temperature was 8°F. The maximum rate of change of temperature at Monitor 3 was an increase of 2.6°F per hour and occurred in January.

Temperatures measured at Station 3 were typically warmer than temperatures measured at Station 7 (Figure 2.5). Station 7 is well upstream of the plant, and its water temperatures were unaffected by the plant's thermal discharge. Heat discharged from the plant was well mixed at Station 3 due to passage through Vernon Station. Temperatures measured at Station 3 represented both the natural and plant induced changes in temperature between the upstream and downstream locations.

3.0 WATER QUALITY STUDIES

The continuous monitoring of dissolved oxygen concentration and pH at Monitors 7 and 3 is required by Vermont Yankee's NPDES permit. These data are tabulated in Appendix A. Data on pH were reduced to daily maxima and minima, and dissolved oxygen concentration data were reduced to daily means, daily maxima and minima, and their times of occurrence. The daily range of dissolved oxygen concentration recorded at Monitors 7 and 3 is shown in Figures 3.1 and 3.2. The daily range of pH is plotted in Figures 3.3 and 3.4

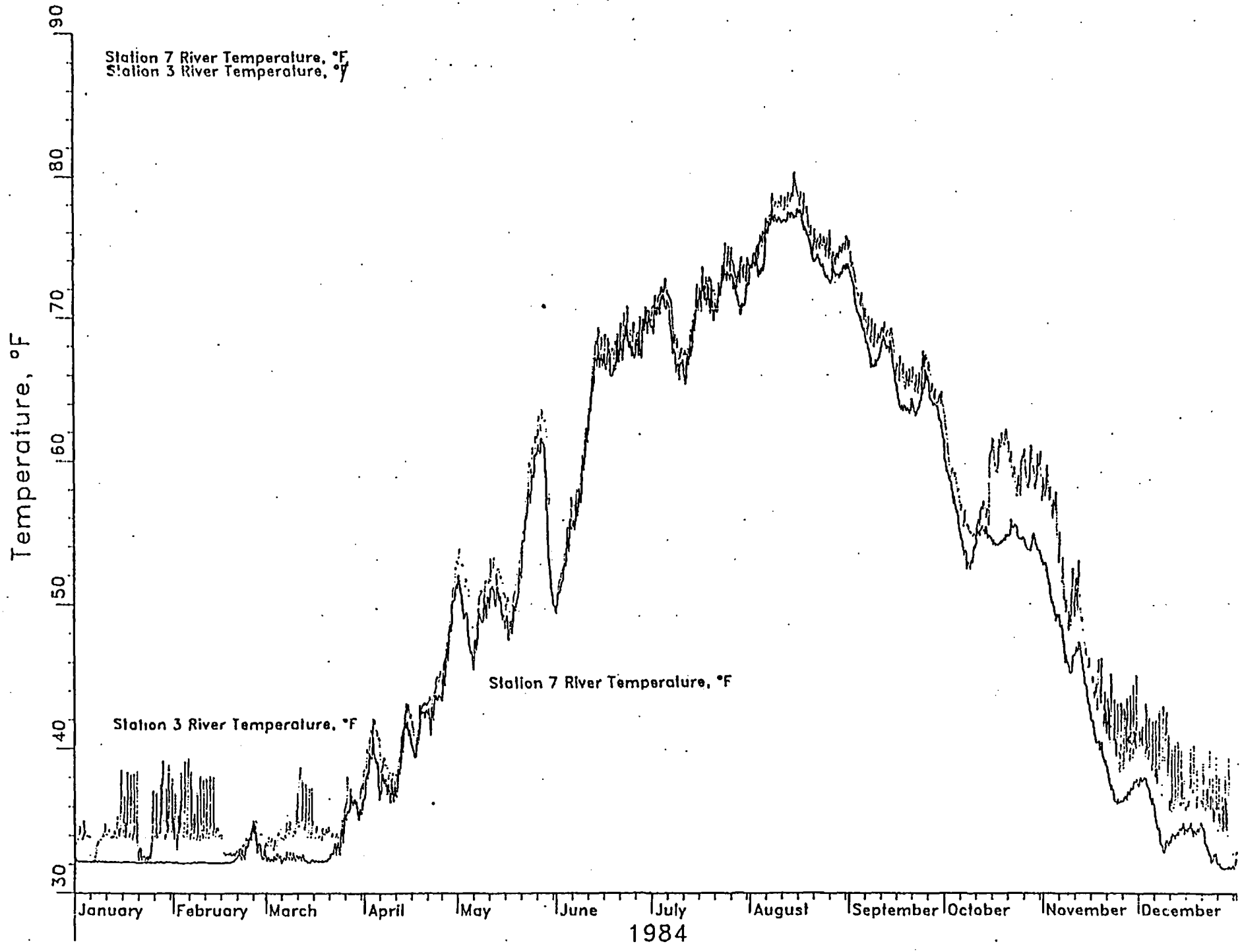

Figure 2.5 Connecticut River Temperatures, 1984

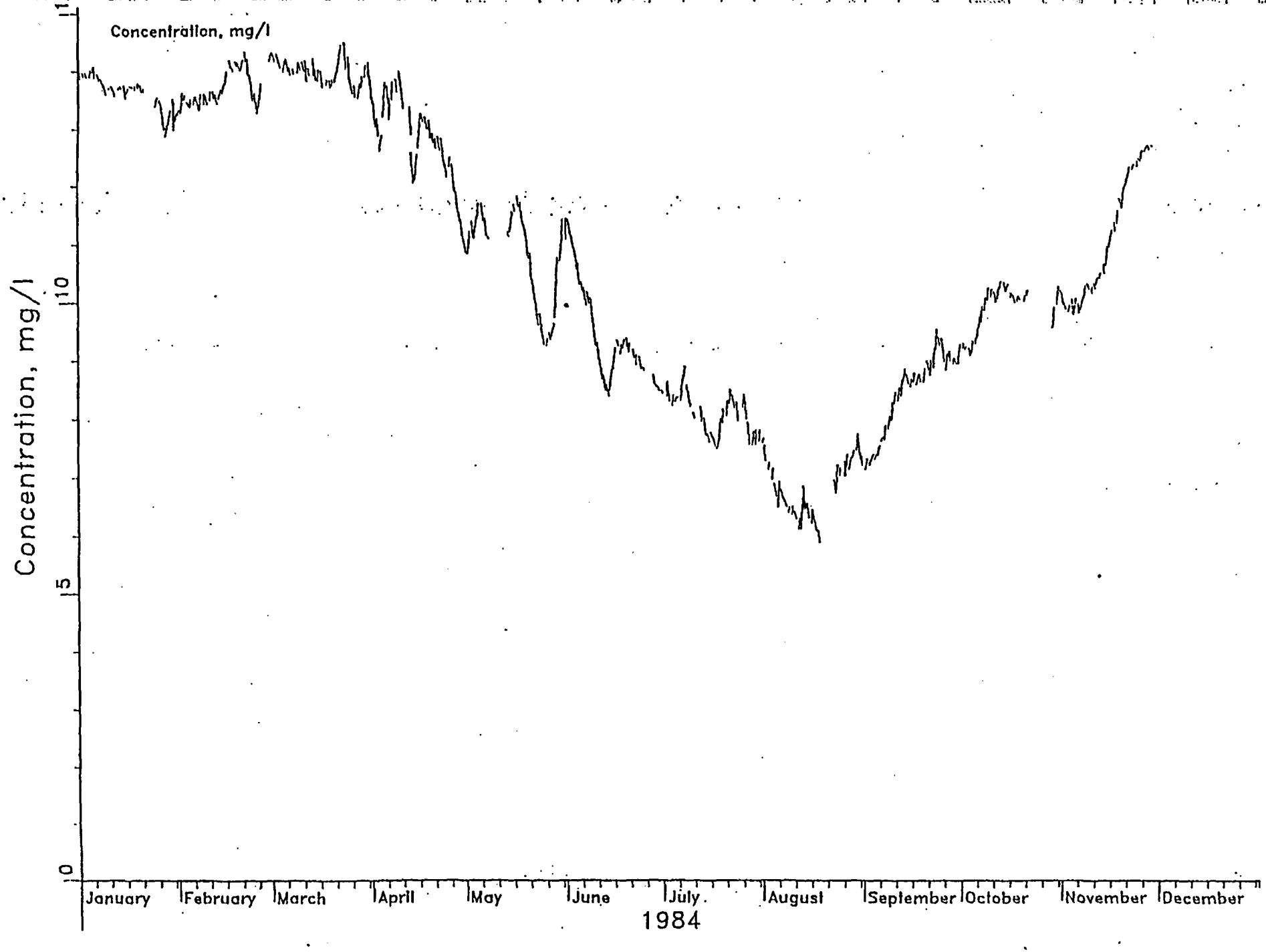

Figure 3.1 Dissolved Oxygen at Monitor 7, 1984

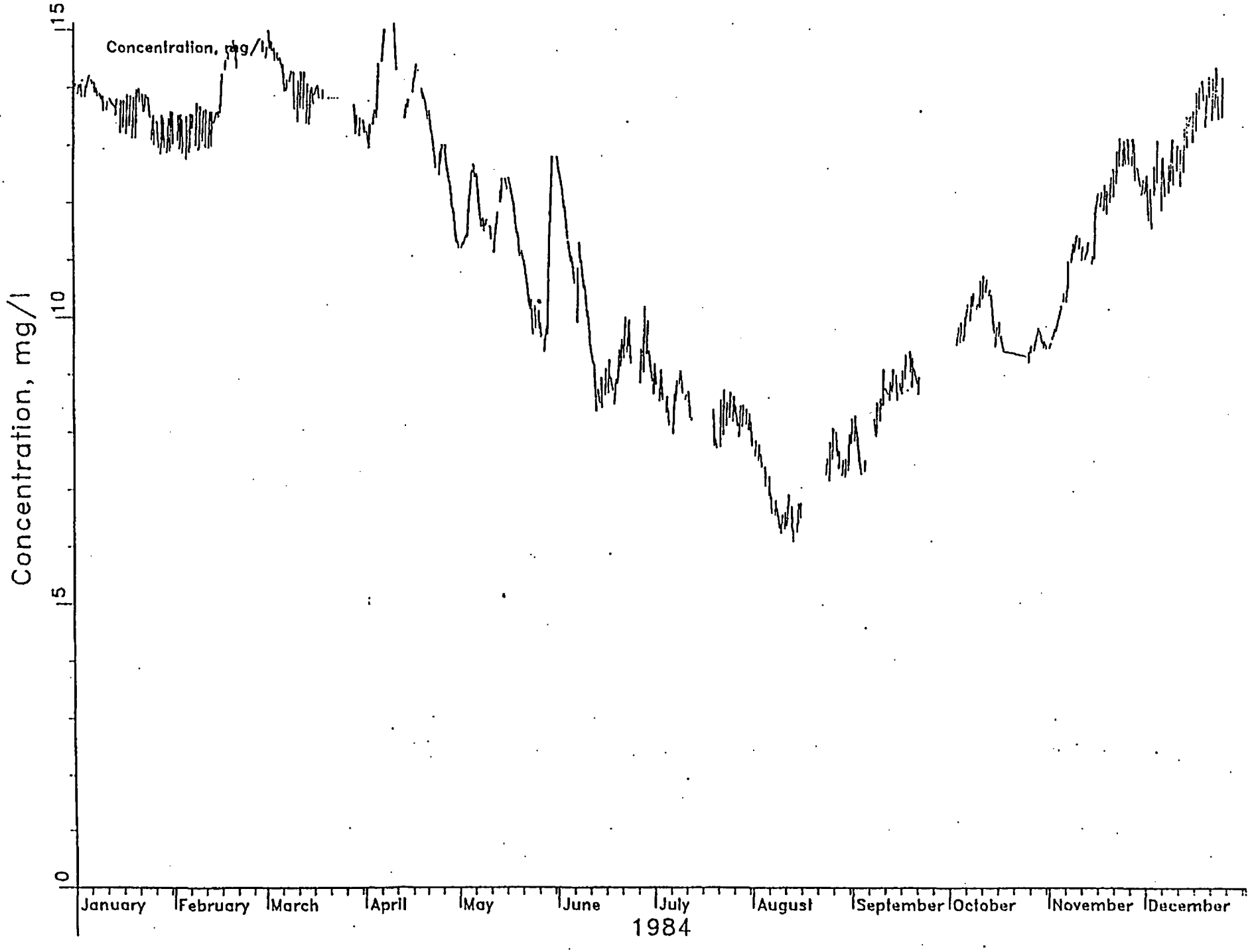

Figure 3.2 Dissolved Oxygen at Monitor 3, 1984

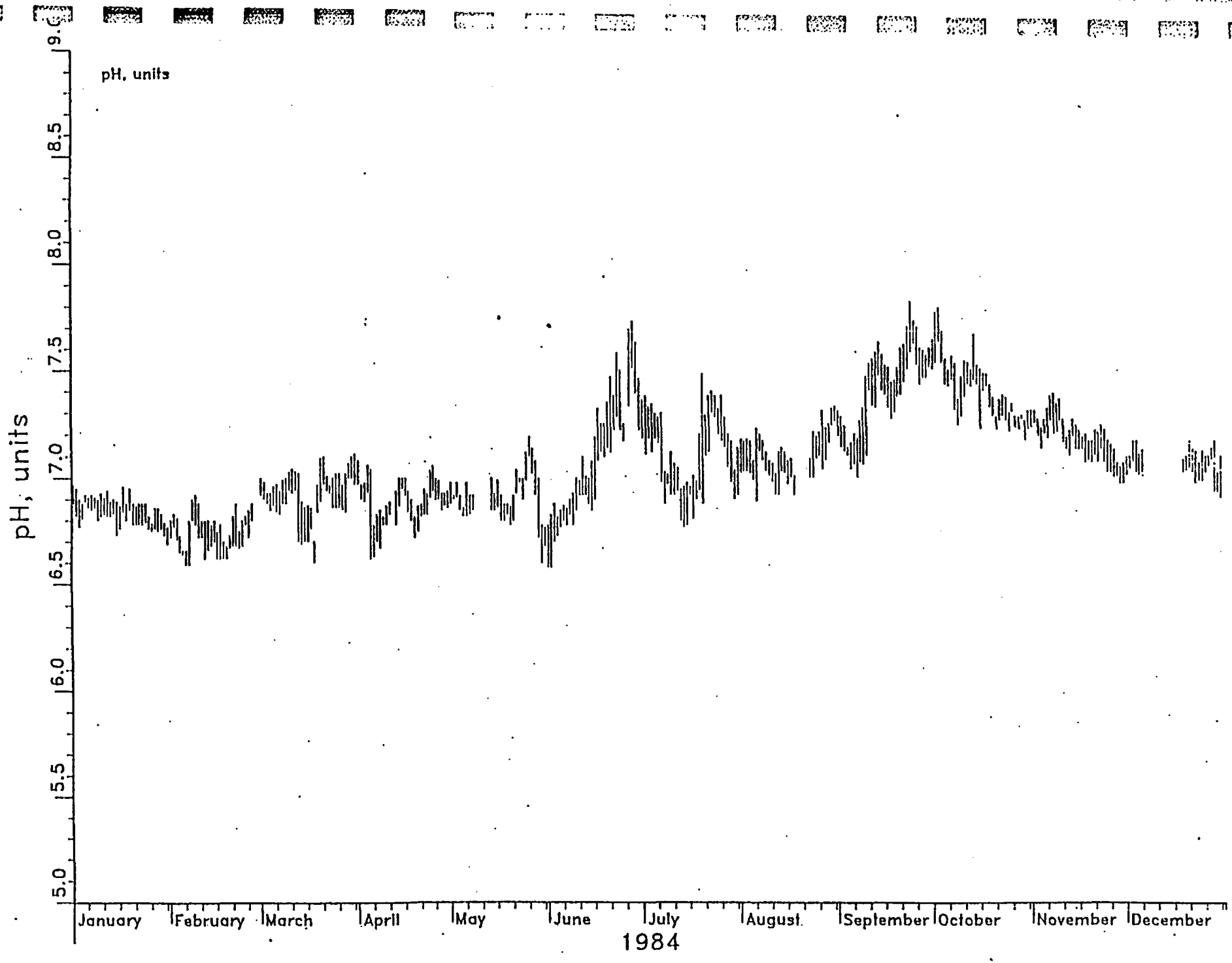

Figure 3.3 pH at Monitor 7, 1984

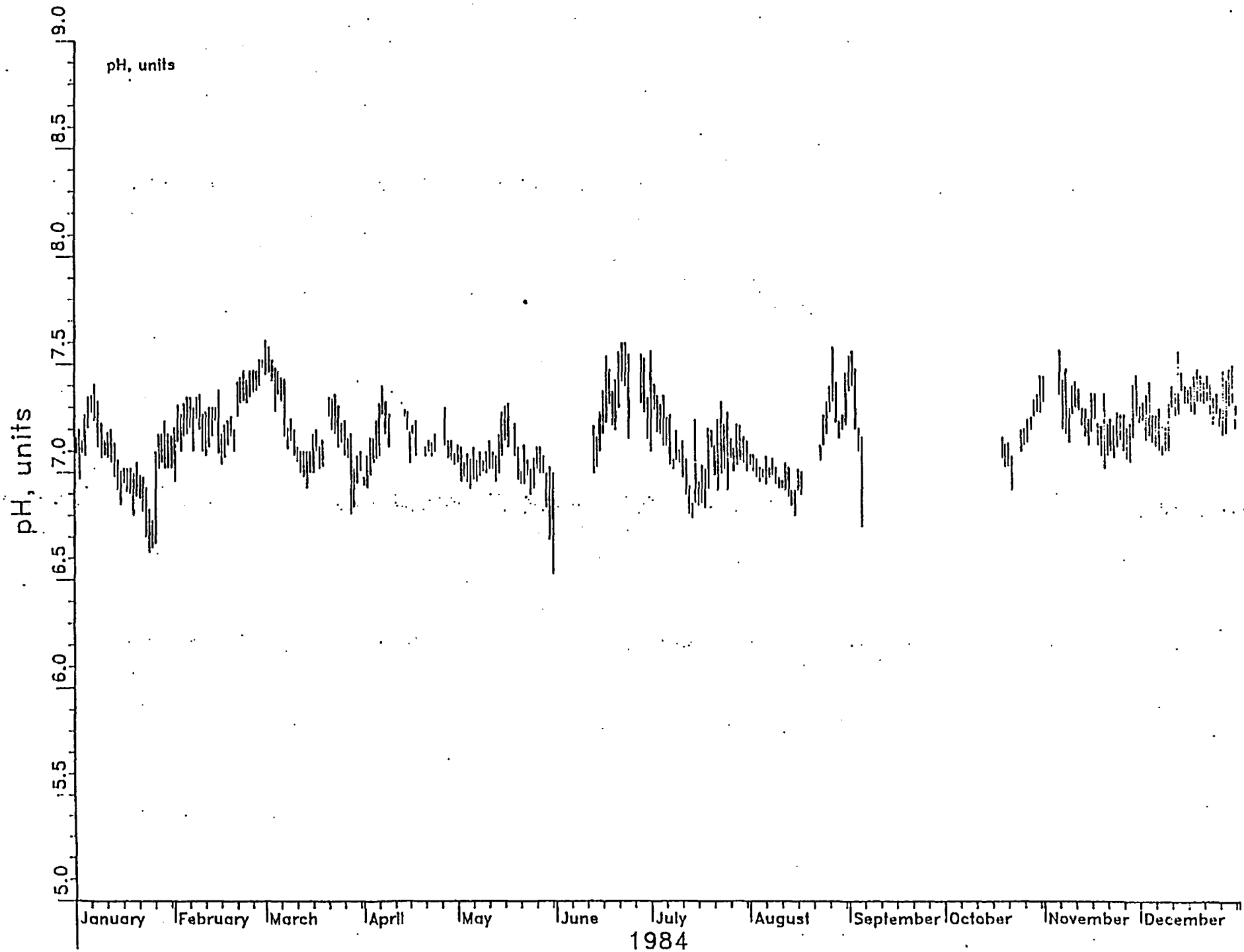

Figure 3.4 pH at Monitor 3, 1984

Water samples were collected every three months at Monitors 7 and 3, and at Vermont Yankee's discharge for analyses of sixteen water quality parameters. The water quality samples were analyzed for dissolved oxygen, turbidity, pH, alkalinity, total and calcium hardness, chloride, sulfate, total phosphorus, total and suspended solids, chromium, copper, iron, sodium, and zinc. Tabulations of these data are in Appendix A.

Additional water quality samples were collected weekly at Monitor 7 until 1 March 1984 for Project SAVE. These weekly samples were analyzed for temperature, dissolved oxygen, pH, turbidity, total phosphates, orthophosphate, ammonia, nitrite, nitrate, total Kjeldahl nitrogen, silica, and biochemical oxygen demand. Tabulations of these data are also in Appendix A.

4.0 PHYTOPLANKTON AND ZOOPLANKTON STUDIES

A plankton sampling program is required by Vermont Yankee's discharge permit. Monthly collections of phytoplankton and zooplankton are required at Monitors 7 and 3 and at Vermont Yankee's intake and discharge during months when the plant is operated in the open or hybrid cycle cooling mode. A study of chlorophyll a concentrations in intake and discharge waters during April, May and June was conducted in addition to entrainment permit requirements.

4.1 Methods of Collection and Processing

Plankton was collected by net and whole water samplers. At Monitors 7 and 3, plankton was collected by filtering 40 liters of pumped water through a #20 mesh Wisconsin plankton net. Whole water monitor collections consisted of 1/4 liters of pumped water. Entrainment samples at the plant intake and discharge were 40 liters of water collected by bucket and poured through a #20 mesh Wisconsin plankton net. Samples collected by net were preserved with formalin and whole water samples were preserved with Lugol's solution.

Net samples collected at the monitors were analyzed for zooplankton and phytoplankton using a Sedgewick-Rafter counting chamber with an inverted microscope. Whole water samples collected at the monitors were analyzed only for phytoplankton using a sedimentation tube/counting chamber, and an inverted microscope.

Entrainment samples were analyzed immediately after collection for live and dead phytoplankters and zooplankters using a compound microscope. Phytoplankters were recorded as living if they were actively swimming or had normal pigmentation and no signs of plasmolysis. Zooplankters were counted as living if movement of limbs or internal organs was observed within one

minute. The remainder of the sample was preserved with formalin for subsequent identification and enumeration of the organisms. Whole water entrainment samples were analyzed for chlorophyll a by the fluorometric technique presented in APHA, 1980.

References used in zooplankton identification were: Kudo, 1971; Pennak, 1978; Stemberger, 1979; Ward and Whipple, 1966. References used in phytoplankton identification include: Bourrelly, 1970, 1972, 1981; Patrick and Reimer, 1966, 1975; Prescott, 1951; Vinyard, 1979; Weber, 1966. Identifications of some organisms were confirmed by Dr. P.W. Cook, University of Vermont.

SUMMARY

Checklists of phytoplankton and zooplankton organisms collected in 1984 are presented in Tables 4.1 and 4.2.

The Bacillariophycophyta (diatoms) accounted for 3/4 of the phytoplankters captured in net samples (Figure 4.1). The Cryptophycophyta, which were the most common phytoplankter observed in whole water samples, represented about 1/3 of the total number. The Bacillariophycophyta, Chlorophycophyta and other indeterminate phytoplankters contributed more than 1/2 of the total number of whole water organisms captured in whole water samples.

Phytoplankton densities in 1984 monitor net samples are presented in Figures 4.2 and 4.3. The changes in phytoplankter concentrations over the year were largely a function of seasonal changes in the diatom density.

Rotatoria and Protozoa were the predominant zooplankters collected at monitors 7 and 3. Zooplankton densities at monitors 7 and 3 observed in 1984 are displayed in Figures 4.6 and 4.7. The densities of zooplankton collected at monitor 7 were always

Table 4.1 Checklist of the phytoplankton of the Connecticut River near Vernon, Vermont, 1984.

CYANOCHLORONTA
- Cyanophyceae
  - Chroococcales
    - Chroococcaceae
      - *Gomphosphaeria naegeliana*
      - *Merismopedia* sp.
      - *Microcystis aeruginosa*
  - Nostocales
    - Blue-green filaments
    - Nostocaceae
      - *Anabaena spiroides*
      - *Anabaena* sp.
      - *Aphanizomenon* sp.
    - Oscillatoriaceae
      - *Lyngbya* sp.
      - *Oscillatoria limosa*
      - *Oscillatoria splendida*
      - *Oscillatoria* sp.
      - *Phormidium* sp.
    - Rivulariaceae
      - *Calothrix* sp.

CHLOROPHYCOPHYTA
- Chlorophyceae
  - Volvocales
    - Volvocaceae
      - *Pandorina morum*
  - Chlorococcales
    - Chlorococcaceae
      - *Schroederia* sp.
      - *Tetraëdron caudatum* var. *longispinum*
      - *Tetraëdron minimum*
      - *Tetraëdron trigonum*
      - *Tetraëdron* sp.
    - Palmellaceae
      - *Sphaercystis schroeteri*
    - Oocystaceae
      - *Ankistrodesmus falcatus*
      - *Ankistrodesmus* sp.
      - *Chodatella ciliata*
      - *Chodatella quadriseta*
      - *Chodatella* sp.
      - *Kirchneriella obesa* var. *major*
      - *Kirchneriella* sp.
      - *Oocystis* sp.
      - *Quadrigula* sp.

Table 4.1 Checklist of the phytoplankton of the Connecticut River near Vernon, Vermont, 1984 (continued).

CHLOROPHYCOPHYTA (continued)
- *Treubaria triappendicularia*
- Micractinaceae
  - *Golenkinia* sp.
  - *Micractinium pusillum*
- Dictyosphaeriaceae
  - *Dictyosphaerium pulchellum*
- Scenedesmaceae
  - *Actinastrum hantzschii*
  - *Actinastrum* sp.
  - *Coelastrum* sp.
  - *Crucigenia quadrata*
  - *Crucigenia tetrapedia*
  - *Crucigenia* sp.
  - *Scenedesmus acuminatus*
  - *Scenedesmus arcuatus*
  - *Scenedesmus arcuatus* var. *platydisca*
  - *Scenedesmus bijuga*
  - *Scenedesmus dimorphus*
  - *Scenedesmus falcatus*
  - *Scenedesmus quadricauda*
  - *Scenedesmus quadricauda* var. *westii*
  - *Scenedesmus* sp.
  - *Tetradesmus* sp.
- Hydrodictyaceae
  - *Sorastrum* sp.
  - *Pediastrum boryanum*
  - *Pediastrum duplex*
  - *Pediastrum duplex* var. *coharens*
  - *Pediastrum duplex* var. *rotundatum*
  - *Pediastrum obtusum*
  - *Pediastrum simplex*
  - *Pediastrum simplex* var. *duodenarium*
  - *Pediastrum tetras*
  - *Pediastrum* sp.
  - *Hydrodictyon* sp.
- Coccomyxaceae
  - *Elakatothrix* sp.

Zygnematales
- Zygnemataceae
  - *Mougeotia* sp.
  - *Spirogyra* sp.
  - *Zygnema* sp.
- Desmidiaceae
  - *Closterium* sp.
  - *Cosmarium* sp.
  - *Desmidium* sp.
  - *Micrasterias* sp.
  - *Spondylosium* sp.
  - *Staurastrum* sp.

Table 4.1 Checklist of the phytoplankton of the Connecticut River near Vernon, Vermont, 1984 (continued).

CHLOROPHYCOPHYTA (continued)
- Oedogoniales
  - Oedogoniaceae
    - *Oedogonium* sp.
- Ulothricales
  - Ulothricaceae
    - *Ulothrix* sp.
- Chaetophorales
  - Chaetophoraceae
    - *Stigeoclonium* sp.

CHRYSOPHYCOPHYTA
- Chrysophyceae
  - Ochromonadales
    - Ochromonadaceae
      - *Uroglena* sp.
    - Dinobryaceae
      - *Dinobryon bavaricum*
      - *Dinobryon cylindricum*
      - *Dinobryon sertularia*
      - *Dinobryon* sp.
    - Synuraceae
      - *Mallomonas akrokomos*
      - *Mallomonas* sp.
      - *Synura uvella*
      - *Synura* sp.
  - Chromulinales
    - Hydruraceae
      - *Hydrurus foetidus*
- Prymnesiophyceae
  - Isochrysidales
    - Derepyxidaceae
      - *Cladomonas fruticulosa*

BACILLARIOPHYCOPHYTA
- Bacillariophyceae
  - Centric diatoms
    - Small centric diatoms
    - Large centric diatoms
  - Pennate diatoms
    - Small pennate diatoms
    - Large pennate diatoms
  - Fragilariales
    - Fragilariaceae
      - *Asterionella formosa*
      - *Diatoma vulgare*
      - *Diatoma* sp.
      - *Fragilaria capucina*
      - *Fragilaria crotonensis*
      - *Hannaea arcus*

Table 4.1 Checklist of the phytoplankton of the Connecticut River near Vernon, Vermont, 1984 (continued).

BACILLARIOPHYCOPHYTA (continued)
- *Hannaea* sp.
- *Meridion circulare*
- *Meridion* sp.
- *Synedra acus*
- *Synedra ulna*
- *Synedra* sp.
- *Tabellaria fenestrata*
- *Tabellaria flocculosa*
- *Tabellaria* sp.

Achnanthales
- Achnanthaceae
  - *Cocconeis* sp.

Naviculales
- Naviculaceae
  - *Navicula* sp.
- Gomphonemaceae
  - *Gomphonema* sp.
- Cymbellaceae
  - *Cymbella* sp.

Surirellales
- Surirellaceae
  - *Surirella* sp.

Nitzschiales
- Nitzschiaceae
  - *Nitzschia* sp.

Coscinodiscales
- Coscinodiscaceae
  - *Melosira granulata*
  - *Melosira italica*
  - *Melosira varians*

Rhizosoleniales
- Rhizosoleniaceae
  - *Rhizosolenia eriensis*
  - *Rhizosolenia* sp.

PYRROPHYCOPHYTA
- Dinophyceae
  - Peridiniales
    - Ceratiaceae
      - *Ceratium hirundinella*

CRYPTOPHYCOPHYTA
- Cryptophyceae
  - Cryptomonadales
    - Cryptomonadaceae

less than 40 per liter of water sampled. Zooplankton densities in monitor 3 samples were usually less than 40 per liter with the exception of June, September and December samples. Densities in these samples ranged from about 70 to 130 organisms per liter.

Entrainment data for phytoplankton and zooplankton in Vermont Yankee's intake and discharge waters are displayed in Tables 4.3 and 4.4. The percentage of live phytoplankters in the discharge water was roughly equal to the percentage of live phytoplankters in the intake water. The percentage of live zooplankton in discharge water was usually lower than the corresponding live percentage of zooplankton in the intake water.

Chlorophyll a concentrations from intake and discharge water were roughly comparable for the three concurrent samples collected in April, May and June (Table 4.5).

Table 4.2 Checklist of the zooplankton of the Connecticut River near Vernon, Vermont, 1984.

PROTOZOA
- Plasmodroma
  - Sarcodina
    - Rhizopoda
      - Testacida
        - Difflugidae
          - *Difflugia* sp.
- Ciliata
  - Holotricha
    - Gymnostomatida
      - Rhabdophorina
        - Didimidae
          - *Didinium* sp.
  - Peritricha
    - Peritrichida
      - Sessilina
        - Vorticellidae
          - *Vorticella* sp.
          - *Zoothamnion* sp.
        - Epistylidae
          - *Epistylis* sp.

ROTATORIA
- Digononta
  - Bdelloidea
    - Philodinidae
      - *Philodina* sp.
- Monogononta
  - Floscularia cea
    - Conochilidae
      - *Conochilus unicornis*
    - Testudinellidae
      - *Filinia terminalis*
      - *Filinia* sp.
      - *Testudinella patina*
      - *Testudinella* sp.
  - Ploima
    - Notommatidae
    - Synchaetidae
      - *Polyarthra dolichoptera*
      - *Polyarthra vulgaris*
      - *Polyarthra* sp.
      - *Synchaeta* sp.
    - Ploesomatidae
      - *Ploesoma* sp.
    - Gastropodidae
      - *Ascomorpha* sp.
      - *Gastropus* sp.
    - Trichocercidae
      - *Trichocerca* sp.
    - Asplanchnidae

Table 4.2 Checklist of the zooplankton of the Connecticut River near Vernon, Vermont, 1984 (continued).

ROTATORIA (continued)
- *Asplanchna* sp.
- Brachionidae
  - *Brachionus calyciflorus*
  - *Brachionus* sp.
  - *Euchlanis* sp.
  - *Kellicottia bostoniensis*
  - *Kellicottia longispina*
  - *Keratella cochlearis*
  - *Keratella hiemalis*
  - *Keratella quadrata*
  - *Keratella serrulata*
  - *Keratella taurocephala*
  - *Keratella* sp.
  - *Lecane* sp.
  - *Monostyla bulla*
  - *Monostyla lunaris*
  - *Monostyla* sp.
  - *Notholca* sp.
  - *Trichotria pocillum*
  - *Trichotria tetractis*
  - *Trichotria* sp.

ANNELIDA
- Oligochaeta

ARTHROPODA
- Crustacea
  - Cladocera
    - Leptodoridae
      - *Leptodora* sp.
    - Sididae
      - *Sida crystallina*
      - *Sida* sp.
    - Daphnidae
      - *Scapholeberis* sp.
    - Bosminidae
      - *Bosmina longirostris*
      - *Bosmina* sp.
    - Chydoridae
      - *Alonella* sp.
      - *Camptocercus* sp.
      - *Chydorus sphaericus*
      - *Chydorus* sp.
    - Polyphemidae
      - *Polyphemus pediculus*
      - *Polyphemus* sp.
  - Ostracoda
  - Copepoda
    - Copepoda nauplii
    - Copepoda adult

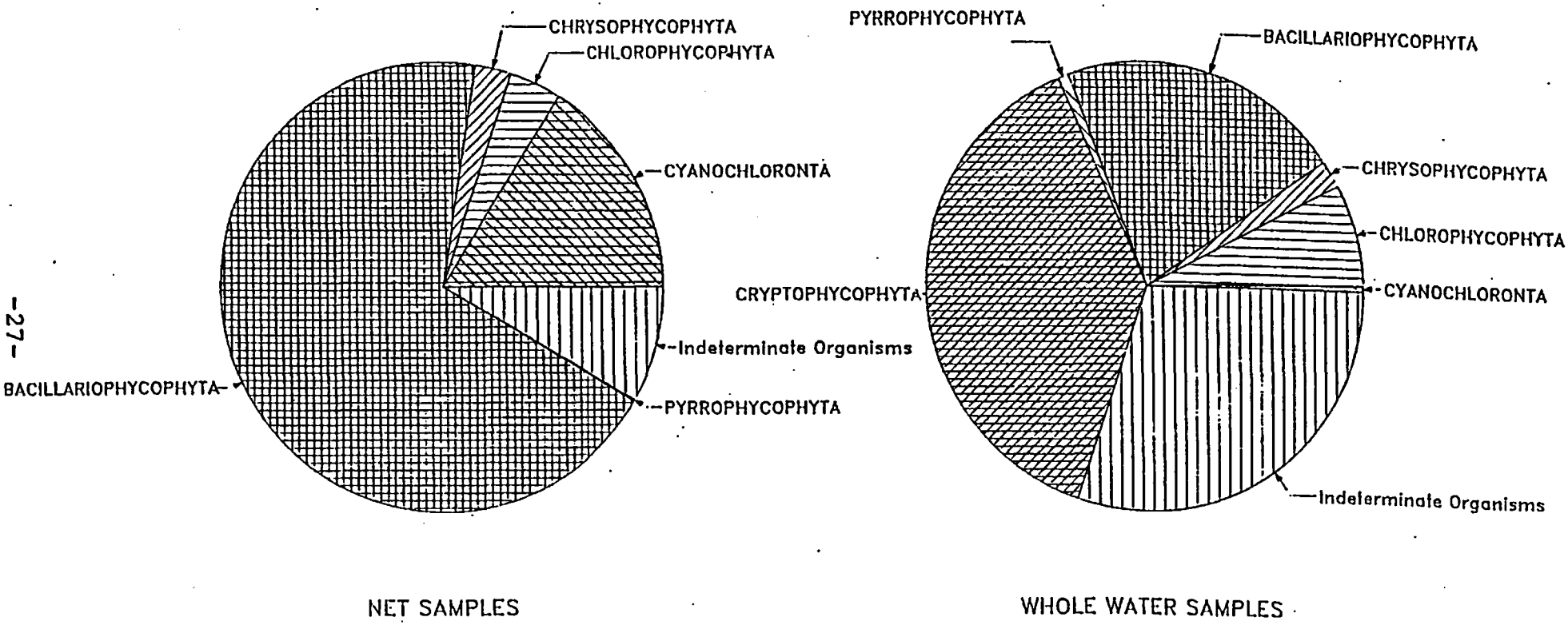

Figure 4.1 Composition of Phytoplankton by Sampling Gear, 1984

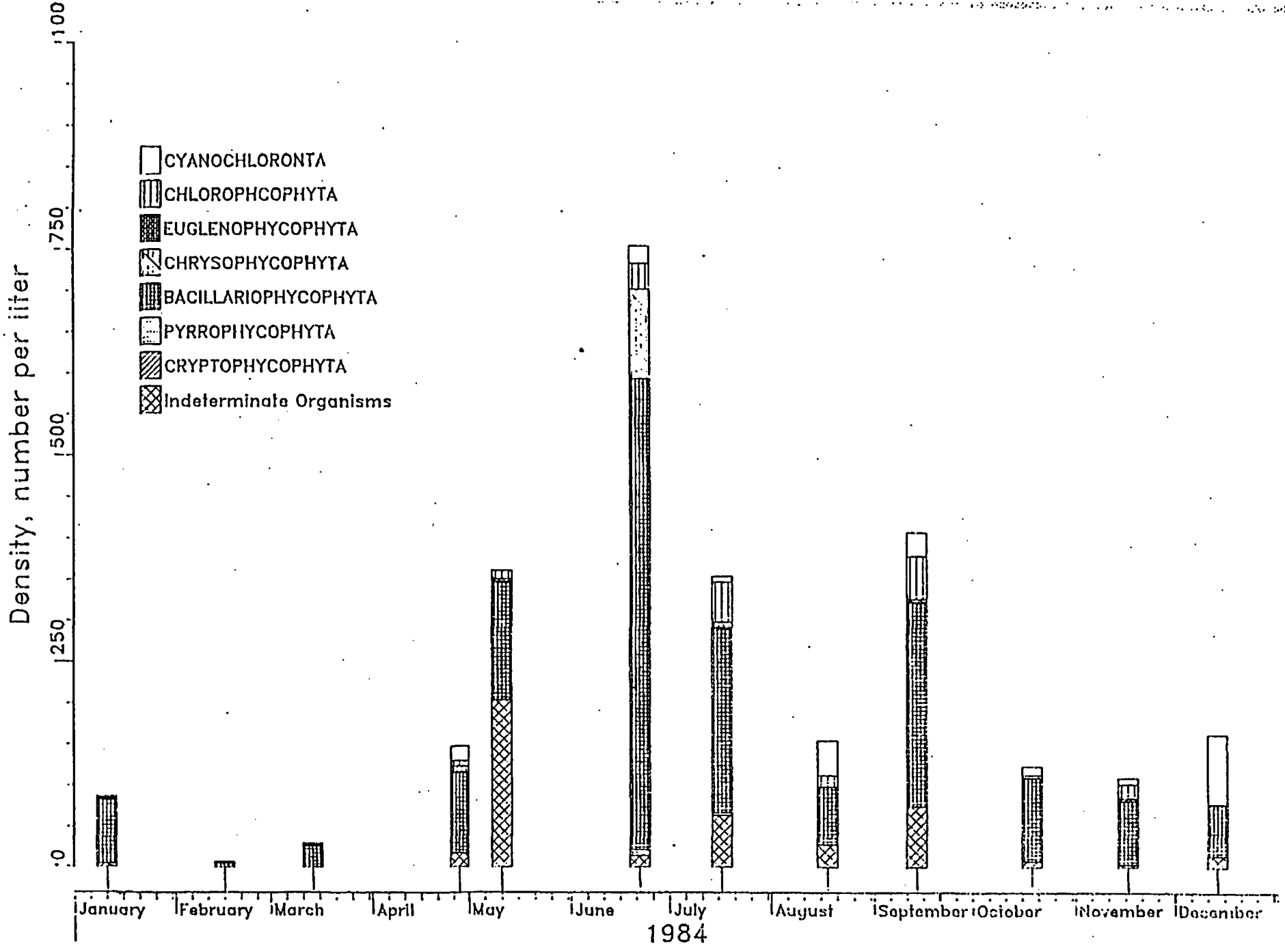

Figure 4.2 Monitor 7 Phytoplankton by Net, 1984

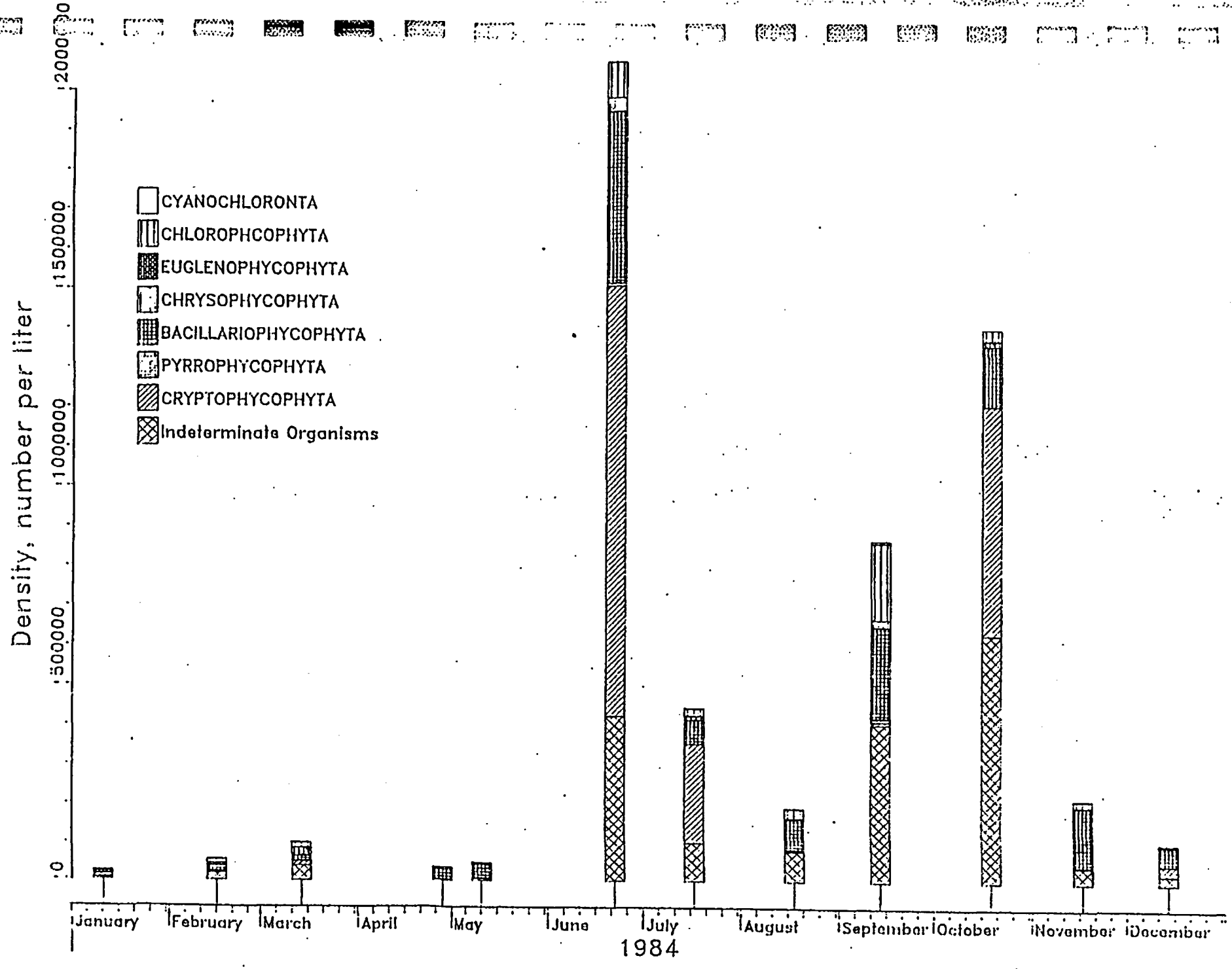

Figure 4.3 Monitor 7 Phytoplankton by Whole Water, 1984

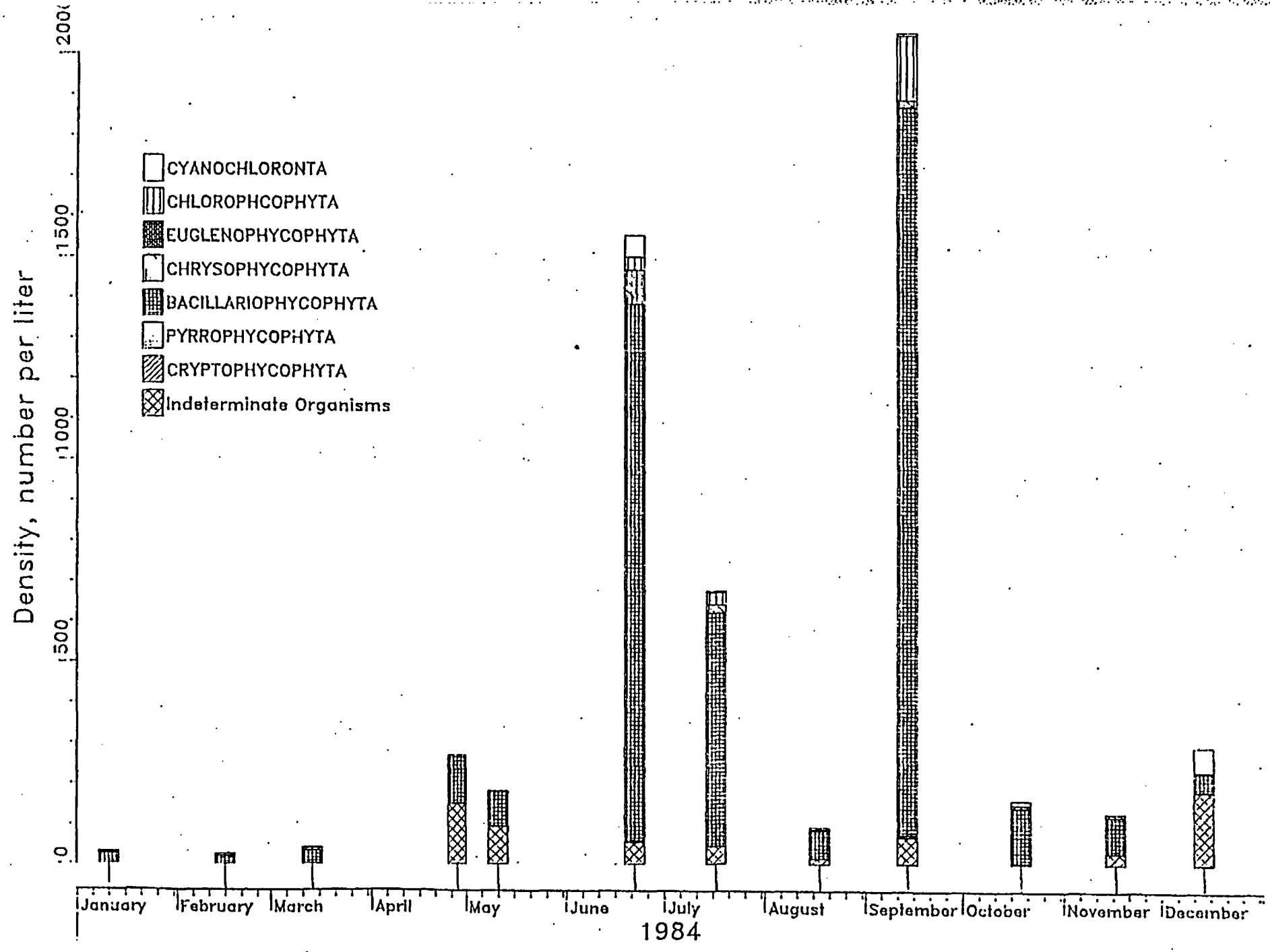

Figure 4.4 Monitor 3 Phytoplankton by Net, 1984

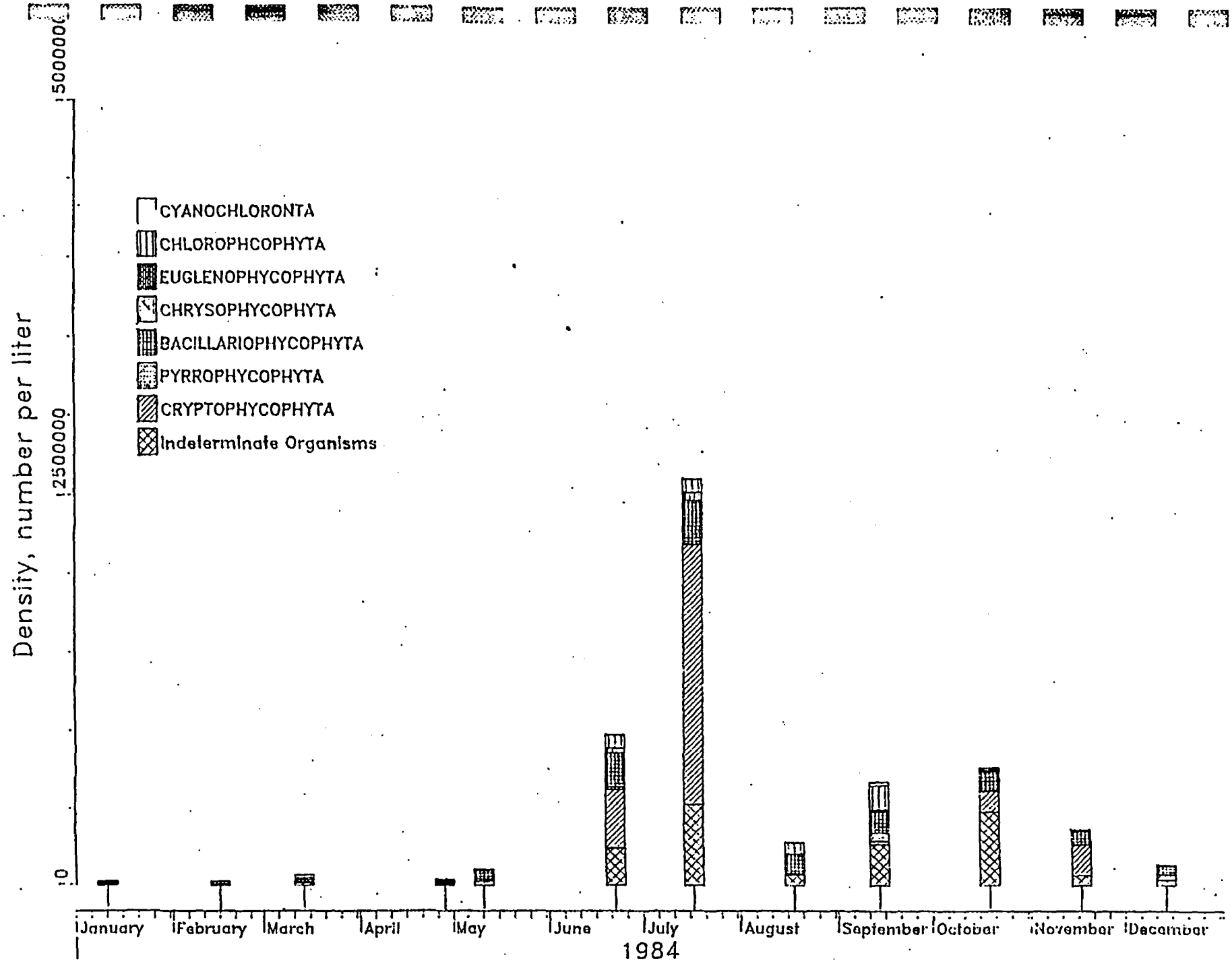

Figure 4.5 Monitor 3 Phytoplankton by Whole Water, 1984

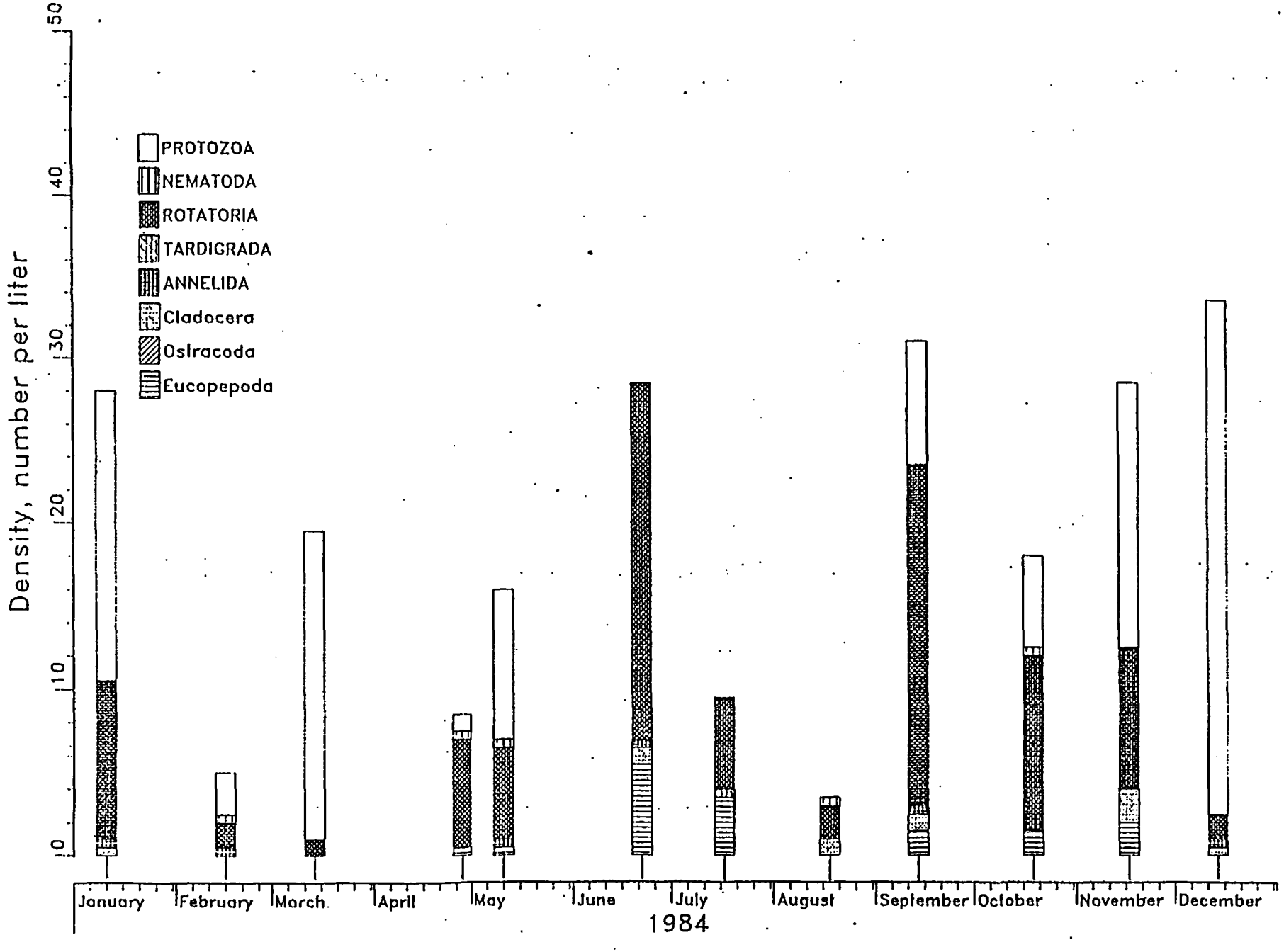

Figure 4.6 Monitor 7 Zooplankton, 1984

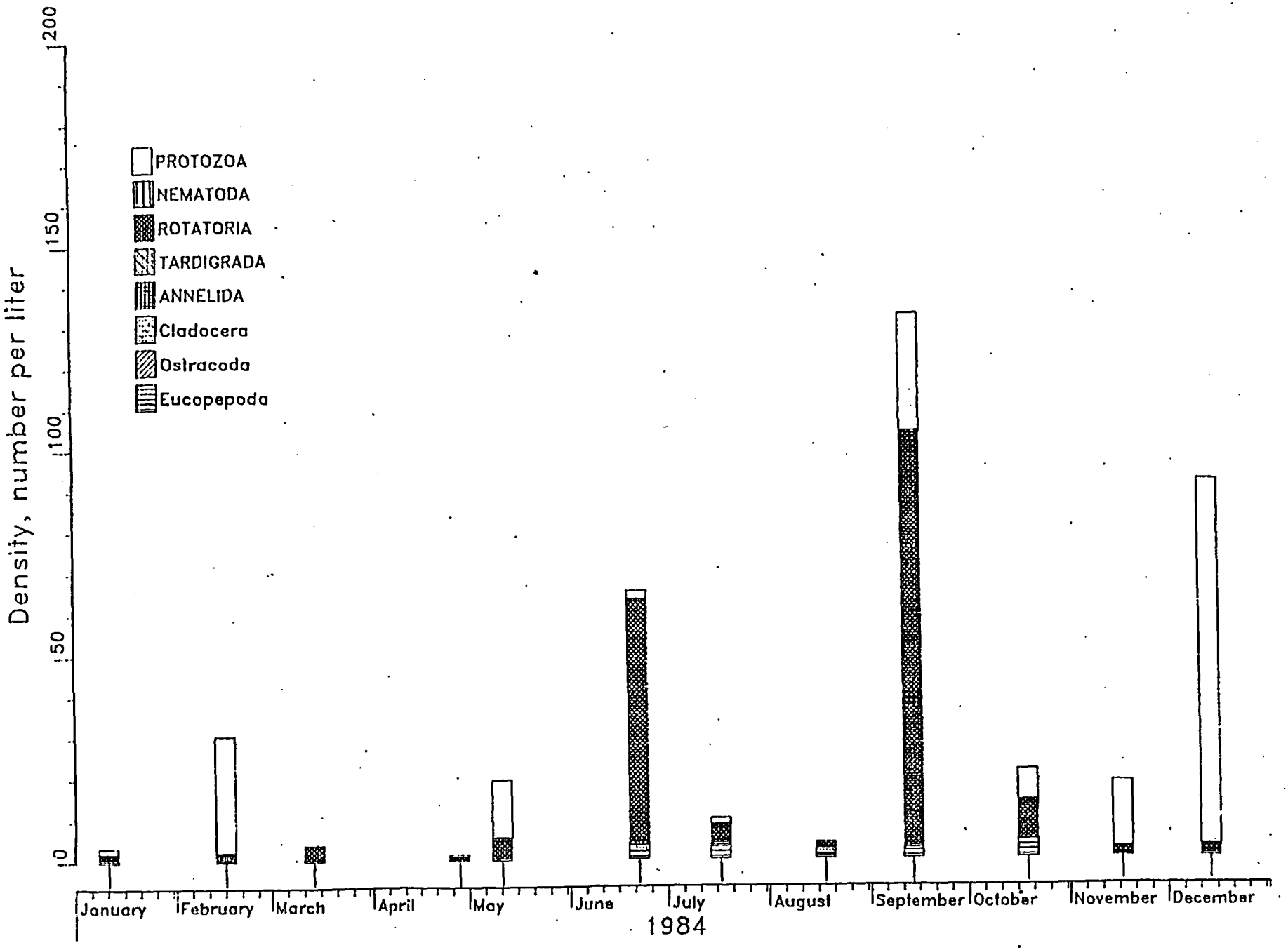

Figure 4.7 Monitor 3 Zooplankton, 1984

Table 4.3 Summary of phytoplankton entrainment, 1984. (T. = Tabellaria, A. = Asterionella, M. = Melosira)

	Intake			Discharge		
Date 1984	Units Counted	% Live	Dominant Live Organisms	Units Counted	% Live	Dominant Live Organisms
9 January	126	33	T. fenestrata	86	58	A. formosa
	69	58	A. formosa	124	46	M. italica
8 February	179	74	M. italica	283	83	Pennate Diatoms
	55	94	A. formosa	400	90	Filaments
13 March	29	31	Pennate Diatoms	79	71	A. formosa
	10	50	Pennate Diatoms	105	72	A. formosa
12 April	63	79	Pennate Diatoms	98	86	Pennate Diatoms
	55	78	A. formosa	107	79	Pennate Diatoms
8 May	114	77	Pennate Diatoms	211	91	M. italica
	226	90	M. italica	296	86	M. italica
12 June	801	96	M. italica	261	78	M. italica
	591	98	M. italica	380	95	A. formosa
15 August	200	81	Pennate Diatoms	283	96	M. italica
	154	92	M. italica	148	82	M. italica
23 October	843	94	M. italica	194	96	M. italica
	326	94	M. italica	947	98	M. italica
15 November	670	82	M. italica	415	93	M. italica
	353	89	M. italica	210	91	M. italica
13 December	253	92	M. varians	271	95	Phormidium sp.
	160	88	A. formosa	152	87	Phormidium sp.

Table 4.4 Summary of zooplankton entrainment, 1984. (K. = Keratella)

Date 1984	Intake Units Counted	Intake % Live	Intake Dominant Live Organisms	Discharge Units Counted	Discharge % Live	Discharge Dominant Live Organisms
9 January	1	100	K. cochlearis	1	100	Synchaeta sp.
	9	78	Protozoa	3	33	K. cochlearis
8 February	11	9	Copepoda nauplii	5	80	Protozoa
	6	33	Rotatoria/Copepoda nauplii	5	20	K. cochlearis
13 March	6	17	Protozoa	5	40	Protozoa/Copepoda nauplii
	2	50	Rotatoria	5	20	Copepoda adult
12 April	7	57	K. cochlearis	13	61	Zoothamnion sp.
	5	0	none	15	27	Copepoda nauplii
8 May	21	43	Nemata	12	50	Copepoda nauplii
	18	67	Copepoda nauplii	18	39	Philodina sp./Rotatoria
12 June	51	73	Synchaeta sp.	27	7	Synchaeta sp./Copepoda adult
	66	41	K. cochlearis	30	20	K. cochlearis
15 August	77	49	Cladocera/Copepoda nauplii	54	17	Copepoda nauplii
	35	51	Copepoda nauplii	52	15	Copepoda nauplii
23 October	71	72	Synchaeta sp.	37	51	Synchaeta sp.
	52	50	Synchaeta sp.	30	53	Stalked Protozoa
15 November	19	47	Protozoa	13	100	K. cochlearis
	23	74	Protozoa/Chydorus sp.	9	89	Copepoda nauplii
13 December	7	43	none	11	55	K. cochlearis
	8	62	none	9	11	Trichotria sp.

Table 4.5 Entrainment chlorophyll a study (units are µg/l).

Date 1984	Chlorophyll a Intake	Chlorophyll a Discharge
12 April	0.30	0.37
	0.30	0.34
	0.32	0.32
8 May	0.63	0.64
	0.64	0.65
	0.69	0.67
12 June	2.7	2.5
	2.8	2.5
	3.0	

5.0 MACROINVERTEBRATE STUDIES

Collection of macroinvertebrates by Ekman dredge is required monthly from May through November at four river stations by the NPDES permit. These dredge samples are supplemented by cage samplers set every 30-60 days at the same river stations. One set of cage samplers was analyzed in addition to the three sets stipulated in the permit.

5.1 Methods of Collection and Processing

Macroinvertebrates were collected using an Ekman dredge and cages. An Ekman dredge collects organisms resident on the river bottom. One sample consisted of material collected in ten hauls of a nine-inch square dredge. Ekman dredge samples were taken monthly from June through November at river quarter points (Vermont, midstream, and New Hampshire) at each station. Ekman dredge samples could not be taken in the month of May due to unusually high flows.

The cage samplers consisted of a modified minnow trap (1/4" wire mesh) filled two-thirds full with two- to three-inch diameter rocks obtained from the river. From mid-June through mid-October, cage samplers were set near the Vermont shore of Stations 2, 3, 4, and 5 and were typically left in place for periods of about a month. The November sample at Station 2 was lost when the cage sampler's rope broke during retrieval.

Material collected in the field by dredging or in the cages was screened through a set of standard sieves to reduce the amount of debris. Large debris and rocks retained by the larger mesh sieves were thoroughly examined for attached organisms before discarding. A #30 U.S.G.S. Standard sieve was used to screen the final portion. Material retained by this sieve was preserved with 70% denatured ethanol and transported to the laboratory.

In the laboratory this material was examined with a 2X lens and organisms were removed. If the sample contained large quantities of one organism, particularly cladocerans, these

organisms were subsampled into 1/4 of the total and counted. These counts were multiplied by 4 to estimate total number present.

Identifications of organisms to the lowest practicable level were made with a dissecting microscope or an inverted microscope. Representative samples of Chironomidae larvae and Oligochaetes were mounted on slides, using a clearing mountant, and examined. Identification, taxonomy and phylogeny of invertebrates are consistent with Pennak (1978), and identifications were supplemented with the following keys: Usinger, 1974; Mason, 1973; Burks, 1975; Parrish, 1975; Johannsen, 1977; Schuster and Etnier, 1978; Simpson and Bode, 1979.

SUMMARY

There were 60 Ekman dredge and 12 cage samples obtained from the four Vermont Yankee stations in 1984. From these samples, over 8,000 macroinvertebrates, representing six invertebrate phyla, were identified (Table 5.1). Cladocerans, which were occasionally collected in large numbers in association with the cage samples, were not included as part of the macroinvertebrate summaries. The size of these organisms suggests that this group should be more appropriately classified as zooplankton.

The composition of macroinvertebrates captured on the benthic substrates were primarily molluscs, dipterans, trichopterans, and oligochaetes (Figure 5.1). Cage samples were predominantly comprised of dipterans, trichopterans and tricladia.

Peak densities of macroinvertebrates were observed in October and November for Ekman dredge collections (Figures 5.2, 5.3, 5.4, and 5.5). Dipterans and molluscs were the predominate organisms in the upstream locations, while molluscs represented the largest group of invertebrates in the peak downstream collections.

Macroinvertebrates associated with the cage's rock substrates are depicted in Figures 5.6, 5.7, 5.8, and 5.9. Composition of macroinvertebrates on rocks at station 5 were primarily dipterans, while station 4 composition comprised of trichopterans, dipterans and tricladia. The composition of invertebrates collected in the cage samples downstream was more diversified, with individuals of a few insect groups representing sizable proportions of the macroinvertebrate community.

Table 5.1 Checklist of macroinvertebrates of the Connecticut River near Vernon, Vermont, 1984.

PROTOZOA
- Protozoan colonies

COELENTERATA
- Hydrozoan polyp
  - Hydroidea
    - Hydridae
      - *Hydra* sp.

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

NEMATHELMINTHES
- Nematoda

BRYOZOA
- Gymnolaemata
  - Paludicellidae
    - *Paludicella articulata*
- Phylactolaemata
  - Cristatellidae
    - *Cristatella mucedo*
  - Fredericellidae
    - *Fredericella sultana*
  - Plumatellidae
    - *Plumatella* sp.
  - Lophopodidae
    - *Lophopodella carteri*
  - Pectinatellidae
    - *Pectinatella magnifica*

ANNELIDA
- Oligochaeta
  - Plesiopora
    - Naididae
    - Tubificidae
      - *Branchiura sowerbyi*
  - Prosopora
    - Lumbriculidae
- Hirudinea
  - Rhynchobdellida
    - Glossiphonidae
      - *Helobdella* sp.

Table 5.1 Checklist of macroinvertebrates of the Connecticut River near Vernon, Vermont, 1984 (continued).

ARTHROPODA
- Arachnoidea
  - Hydracarina
- Crustacea
  - Amphipoda
    - Gammaridae
  - Decapoda
    - Cambaridae
  - Ostracoda
  - Eucopepoda
- Insecta
  - Neuroptera
    - Sisyridae
  - Hemiptera
    - Nepidae
      - *Ranatra* sp.
  - Plecoptera
    - Perlidae
      - *Acroneuria* sp.
    - Chloroperlidae
      - *Hastaperla* sp.
    - Taeniopterygidae
      - *Taenionema* sp.
  - Ephemeroptera
    - Baetidae
      - *Baetis* sp.
      - *Baetis levitans*
      - *Baetis intercalaris*
    - Caenidae
      - *Brachycercus* sp.
      - *Caenis* sp.
    - Ephemerellidae
      - *Ephemerella* sp.
      - *Ephemerella bicolor* group
      - *Ephemerella attenuata*
    - Ephemeridae
      - *Hexagenia* sp.
      - *Hexagenia limbata*
      - *Ephemera* sp.
    - Heptageniidae
      - *Heptagenia* sp.
      - *Stenacron* sp.
      - *Stenonema* sp.
      - *Stenonema bipunctatum*
      - *Stenonema tripunctatum*
      - *Stenonema ithaca*
      - *Stenonema luteum*
      - *Stenonema femoratum*
      - *Stenonema ares*

Table 5.1 Checklist of macroinvertebrates of the Connecticut River near Vernon, Vermont, 1984 (continued).

ARTHROPODA (continued)
- Polymitarcidae
  - *Ephoron* sp.
- Siphlonuridae
  - *Isonychia* sp.
- Tricorythidae
  - *Tricorythodes* sp.

Odonata
- Aeshnidae
  - *Boyeria* sp.
- Coenagriidae
  - *Ischnura* sp.
  - *Argia* sp.
  - *Anomalagrion* sp.
- Gomphidae
  - *Gomphus* sp.
  - *Gomphus confraternus*
- Libellulidae
  - *Pantala* sp.
- Macromiidae
  - *Macromia* sp.

Megaloptera
- Sialidae
  - *Sialis* sp.

Trichoptera
- Brachycentridae
  - *Brachycentrus* sp.
- Hydropsychidae
  - *Cheumatopsyche* sp.
  - *Hydropsyche* sp.
  - *Macronema* sp.
- Glossosomatidae
- Hydroptilidae
  - *Agraylea* sp.
  - *Hydroptila* sp.
- Leptoceridae
  - *Ceraclea* sp.
  - *Oecetis* sp.
  - *Triaenodes* sp.
- Molannidae
  - *Molanna* sp.
- Philopotamidae
- Polycentropodidae
  - *Neureclipsis* sp.
  - *Phylocentropus* sp.
  - *Polycentropus* sp.

Coleoptera
- Chrysomelidae
  - *Galerucella* sp.
- Elmidae
  - *Dubiraphia* sp.
  - *Stenelmis* sp.

Table 5.1 Checklist of macroinvertebrates of the Connecticut River near Vernon, Vermont, 1984 (continued).

ARTHROPODA (continued)
- Gyrinidae
  - *Dineutes* sp.
- Diptera
  - Chironomidae
    - Tanypodinae
      - *Ablabesmyia mallochi*
      - *Ablabesmyia parajanta*
      - *Clinotanypus* sp.
      - *Djalmabatista* sp.
      - *Coelotanypus* sp.
      - *Procladius* sp.
      - *Procladius sublettei*
      - *Thienemannimyia* group
    - Diamesinae
      - *Monodiamesa* sp.
      - *Potthastia longimanus*
    - Orthocladiinae
      - *Cricotopus* sp.
      - *Cricotopus bicinctus*
      - *Cricotopus sylvestris*
      - *Cricotopus intersectus*
      - *Eukiefferiella* sp.
      - *Nanocladius* sp.
      - *Nanocladius distinctus*
      - *Psectrocladius* sp.
      - *Psectrocladius psilopterus* group
    - Chironominae
      - *Chironomus* sp.
      - *Cryptochironomus* sp.
      - *Cryptochironomus fulvus*
      - *Dicrotendipes* sp.
      - *Dicrotendipes nervosus* type 1
      - *Dicrotendipes neomodestus*
      - *Glyptotendipes* sp.
      - *Glyptotendipes lobiferus* group
      - *Harnischia curtilamellata*
      - *Microtendipes* sp.
      - *Microtendipes caelum*
      - *Nilothauma* sp.
      - *Nilothauma babiyi*
      - *Parachironomus* sp.
      - *Parachironomus abortivus*
      - *Parachironomus frequens*
      - *Parachironomus carinatus*
      - *Polypedilum* sp.
      - *Polypedilum convictum*
      - *Polypedilum illinoense*

Table 5.1 Checklist of macroinvertebrates of the Connecticut River near Vernon, Vermont, 1984 (continued).

ARTHROPODA (continued)
- *Polypedilum* nr. *scalaenum*
- *Pseudochironomus* sp.
- *Stenochironomus* sp.
- *Stictochironomus* sp.
- *Tribelos* sp.
- *Demicryptochironomus* sp.
- Tanytarsini
  - *Cladotanytarsus* sp.
  - *Micropsectra* sp.
  - *Rheotanytarsus* sp.
  - *Rheotanytarsus exiguus*
  - *Rheotanytarsus distinctissimus*
  - *Tanytarsus* sp.
  - *Tanytarsus guerlus* group
  - *Tanytarsus glabrescens* group
  - *Stempellinella* sp.
- Anthomyiidae
- Culicidae
  - Chaoborinae
    - *Chaoborus* sp.
- Empididae
- Heleinae
  - *Probezzia* sp.
  - *Culicoides* sp.
  - *Palpomyia* sp.
  - *Palpomyia tibialis*
  - *Stilobezzia* sp.
- Simuliidae

MOLLUSCA
- Gastropoda
  - Bassommatophora
    - Ancylidae
      - *Ferrissia* sp.
    - Physidae
      - *Physa* sp.
    - Planorbidae
      - *Gyraulus* sp.
      - *Helisoma* sp.
  - Megagastropoda
    - Hydrobiidae
      - *Amnicola* sp.
- Pelecypoda
  - Prionodesmacea
    - Sphaeriidae
      - *Pisidium* sp.
      - *Sphaerium* sp.
    - Unionidae

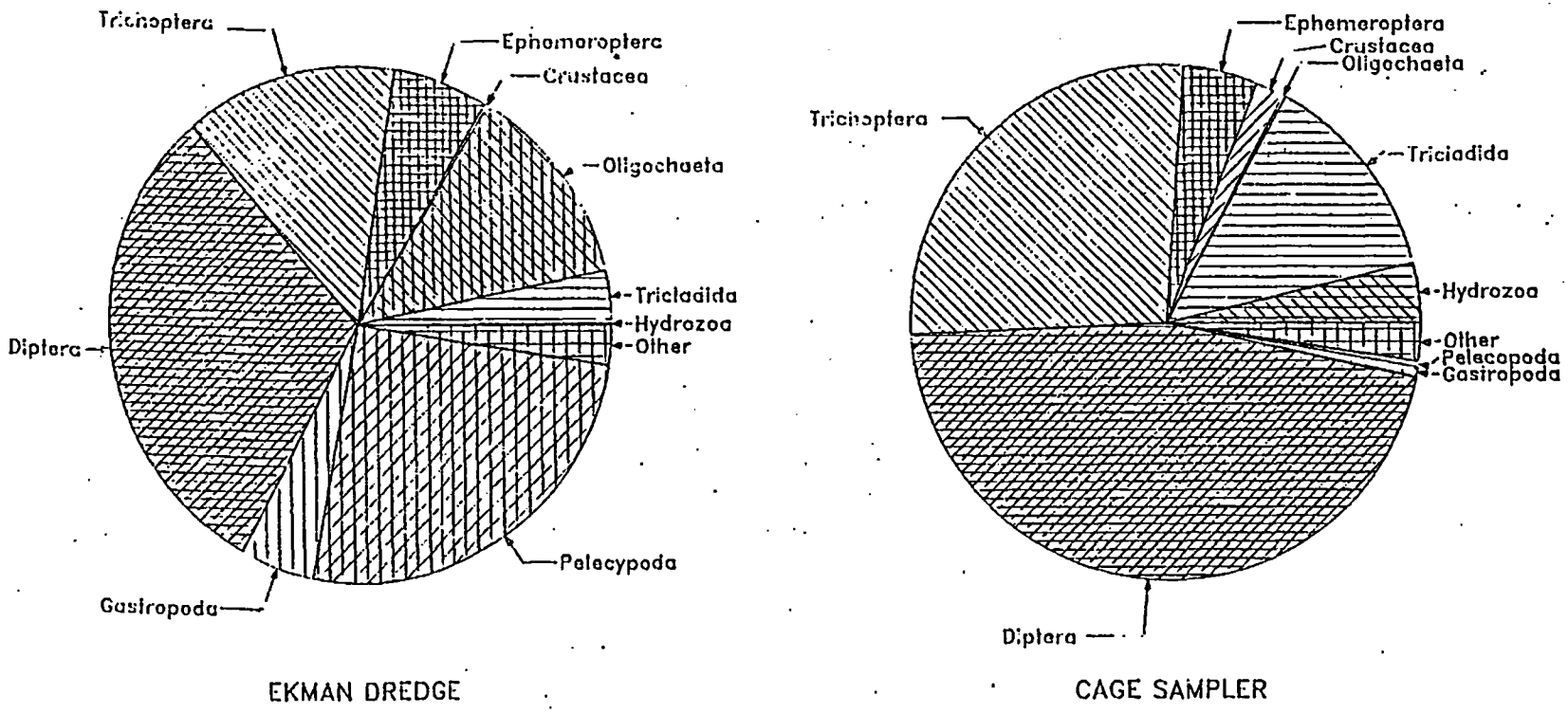

Figure 5.1 Composition of Macroinvertebrates by Sampling Gear, 1984

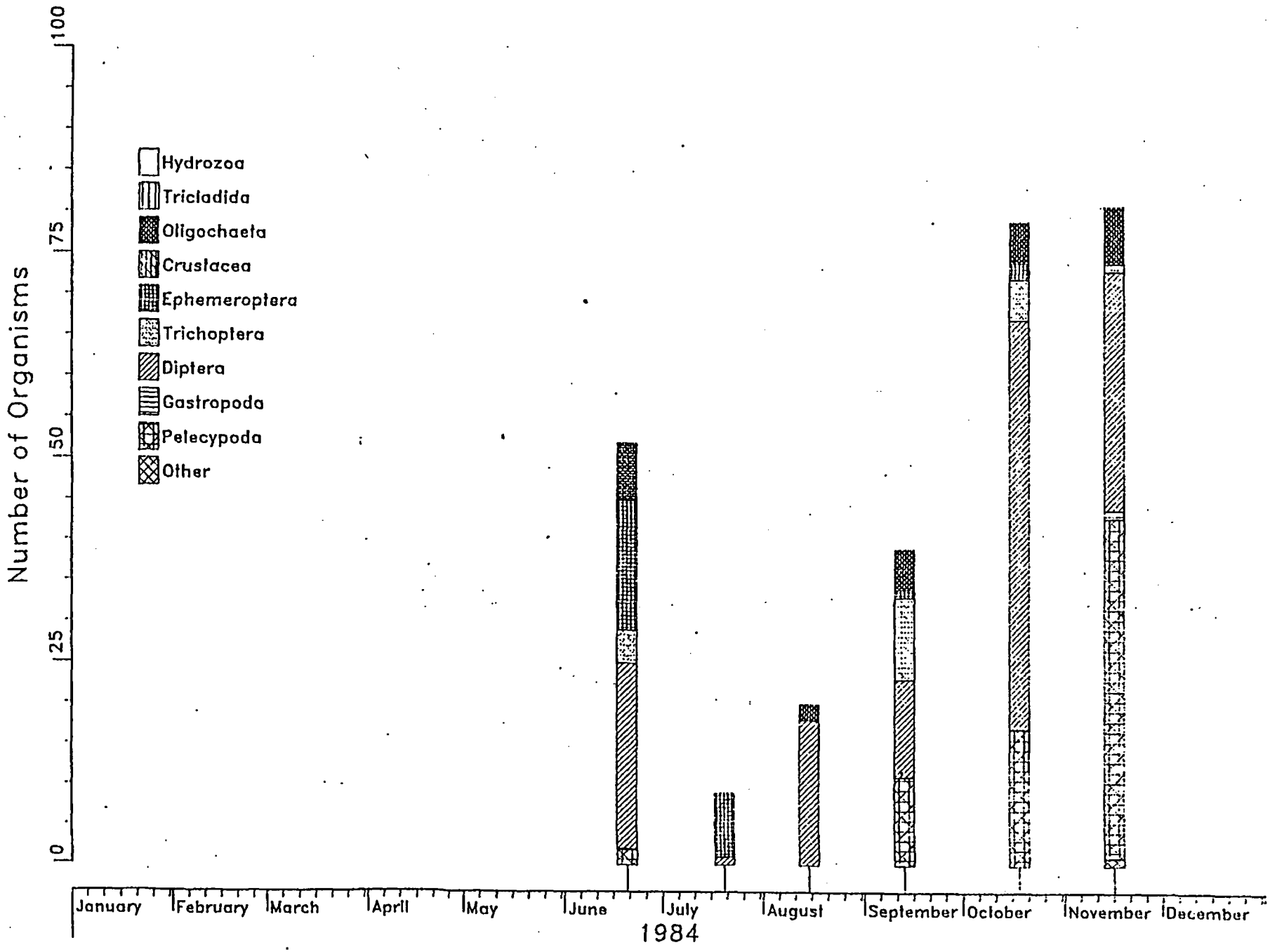

Figure 5.2 Station 5 Macroinvertebrates by Dredge, 1984.

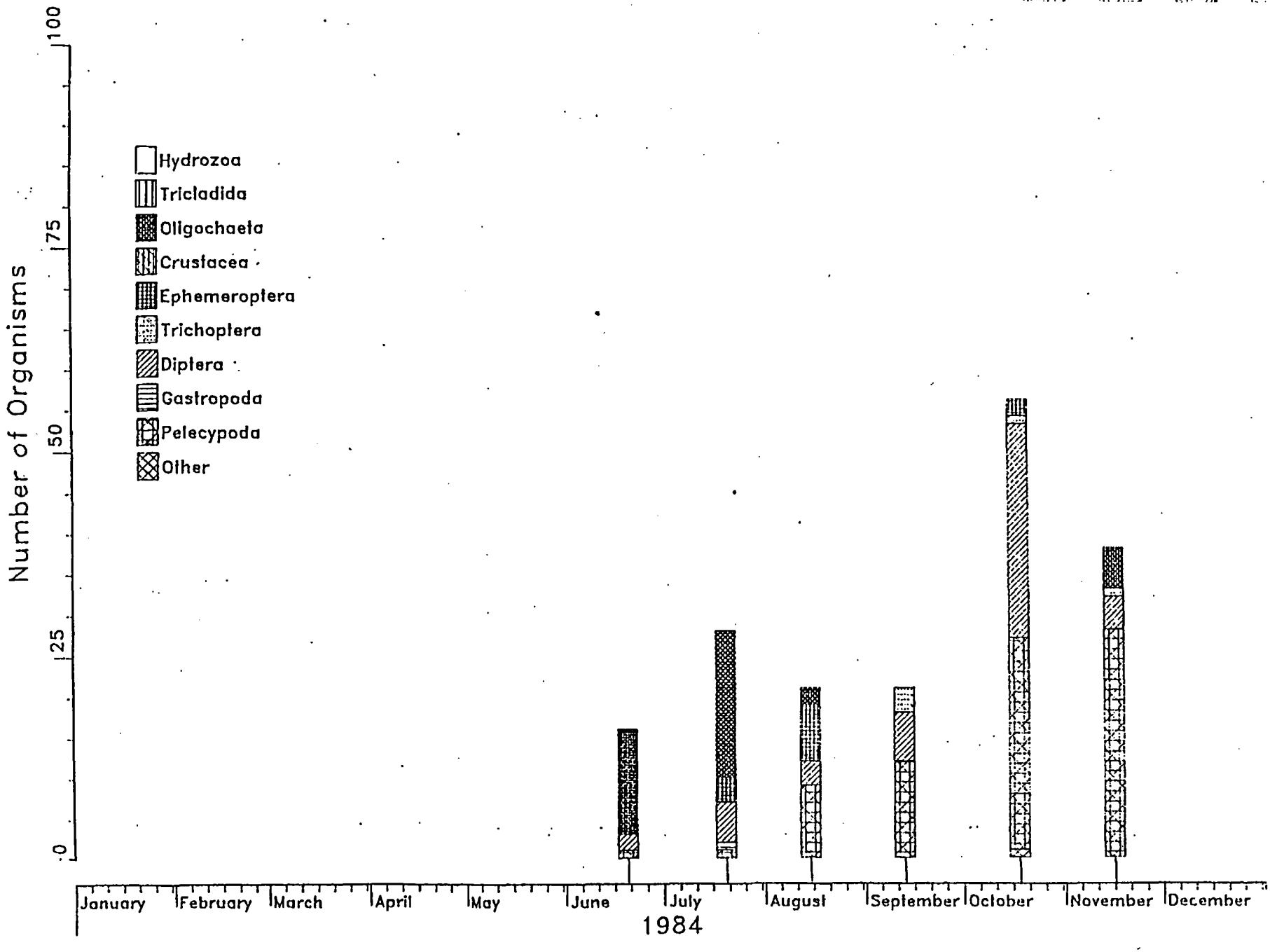

Figure 5.3 Station 4 Macroinvertebrates by Dredge, 1984.

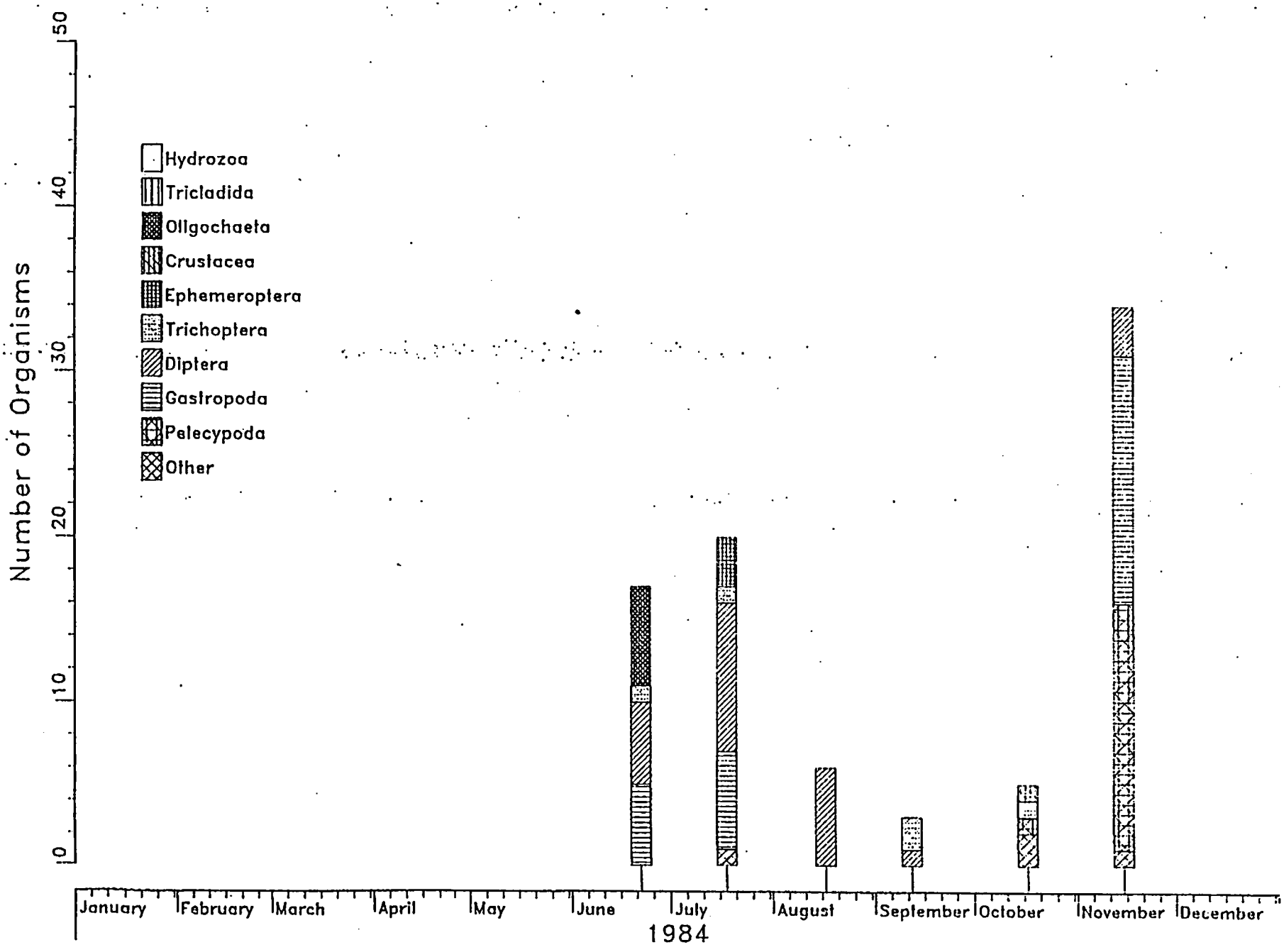

Figure 5.4 Station 3 Macroinvertebrates by Dredge, 1984.

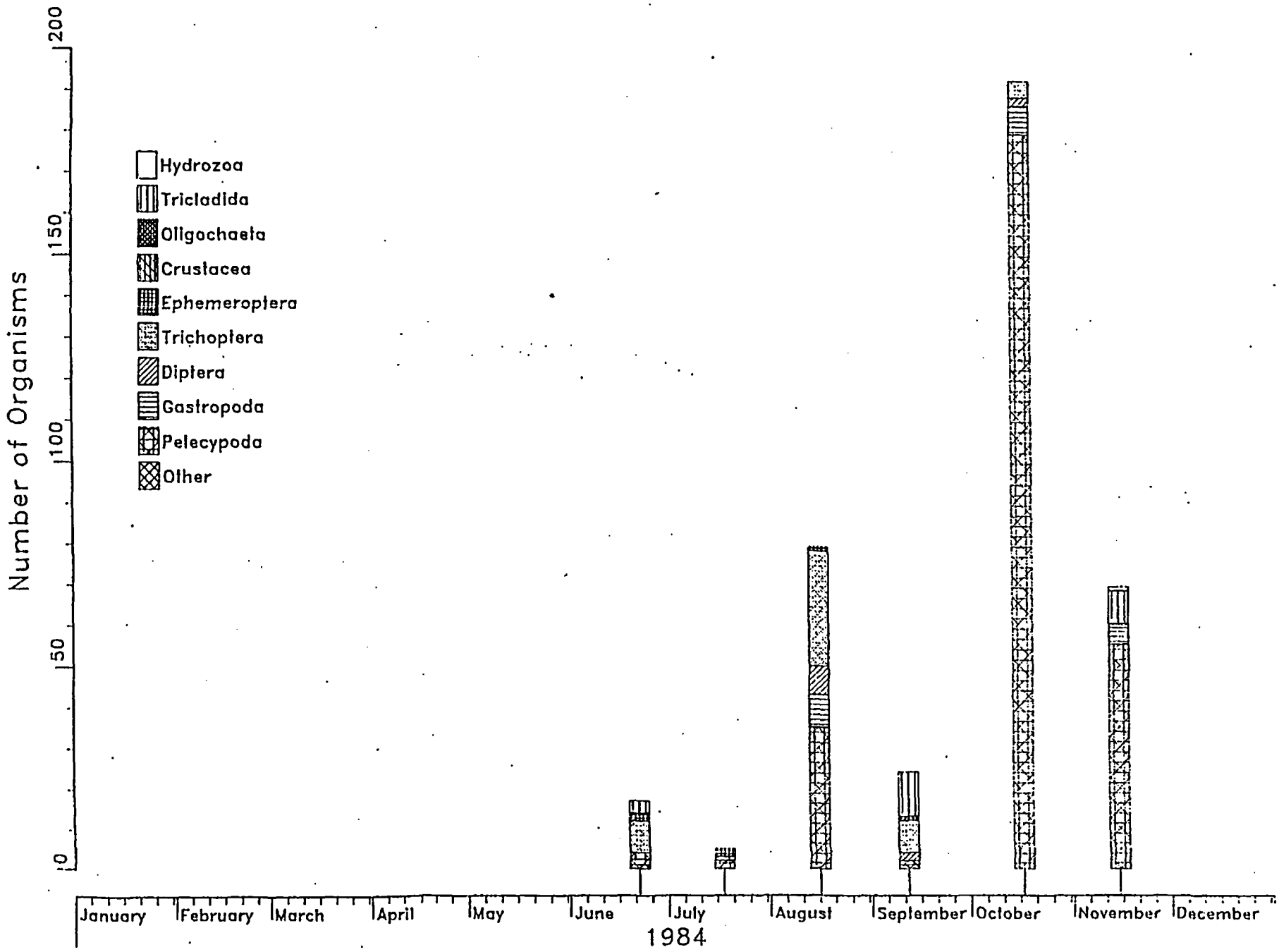

Figure 5.5 Station 2 Macroinvertebrates by Dredge, 1984.

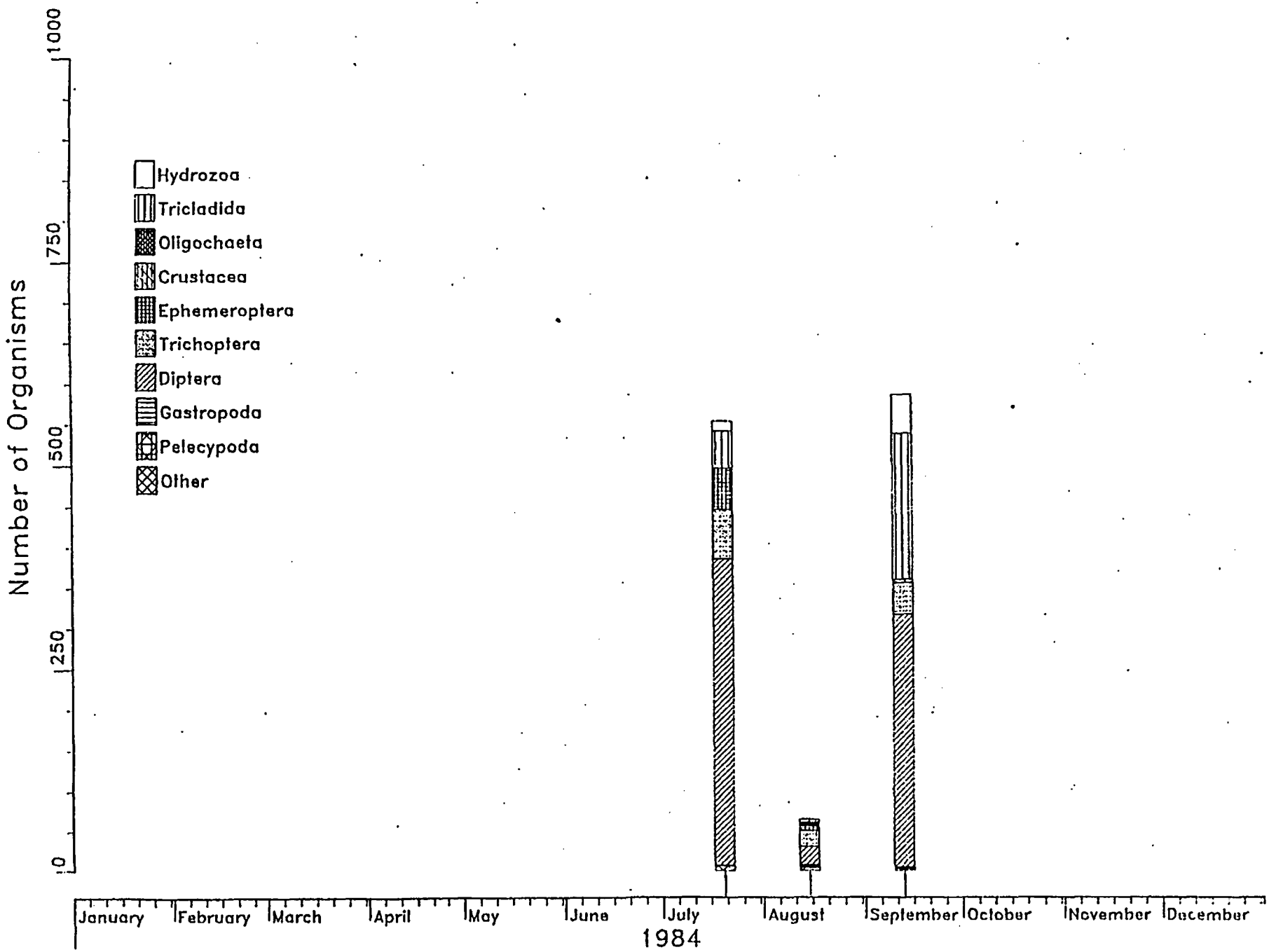

Figure 5.6 Station 5 Macroinvertebrates by Cage, 1984.

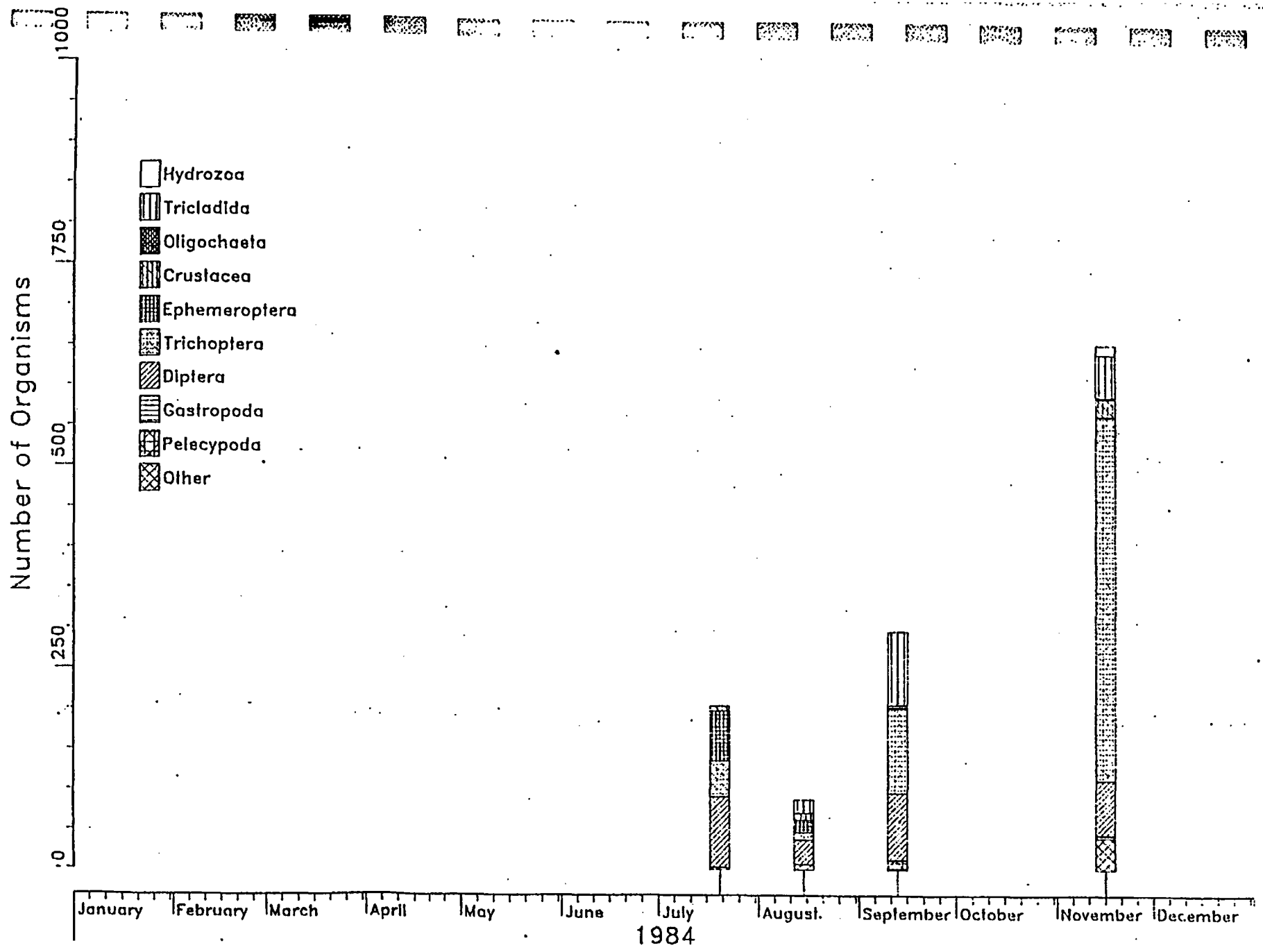

Figure 5.7 Station 4 Macroinvertebrates by Cage, 1984.

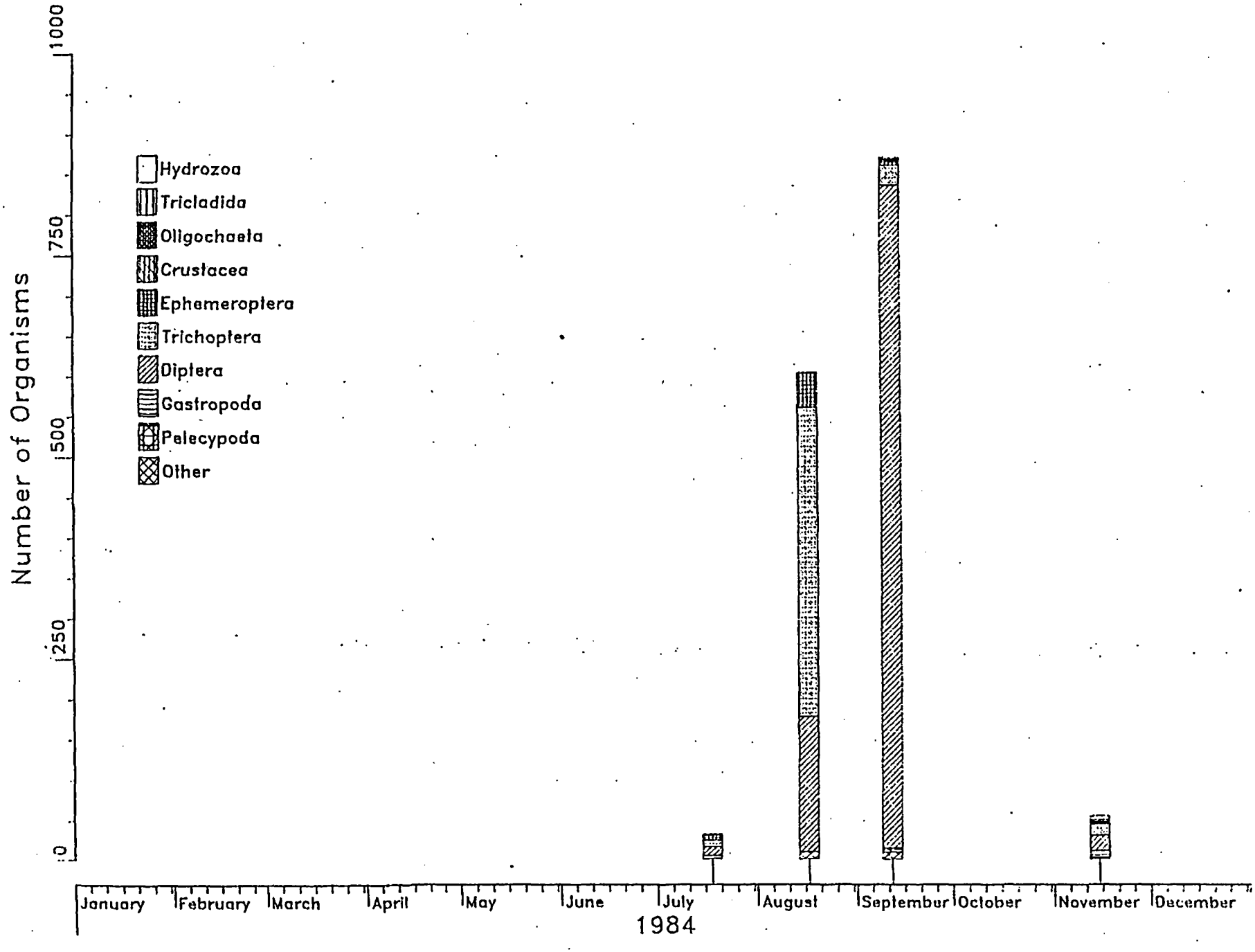

Figure 5.8 Station 3 Macroinvertebrates by Cage, 1984.

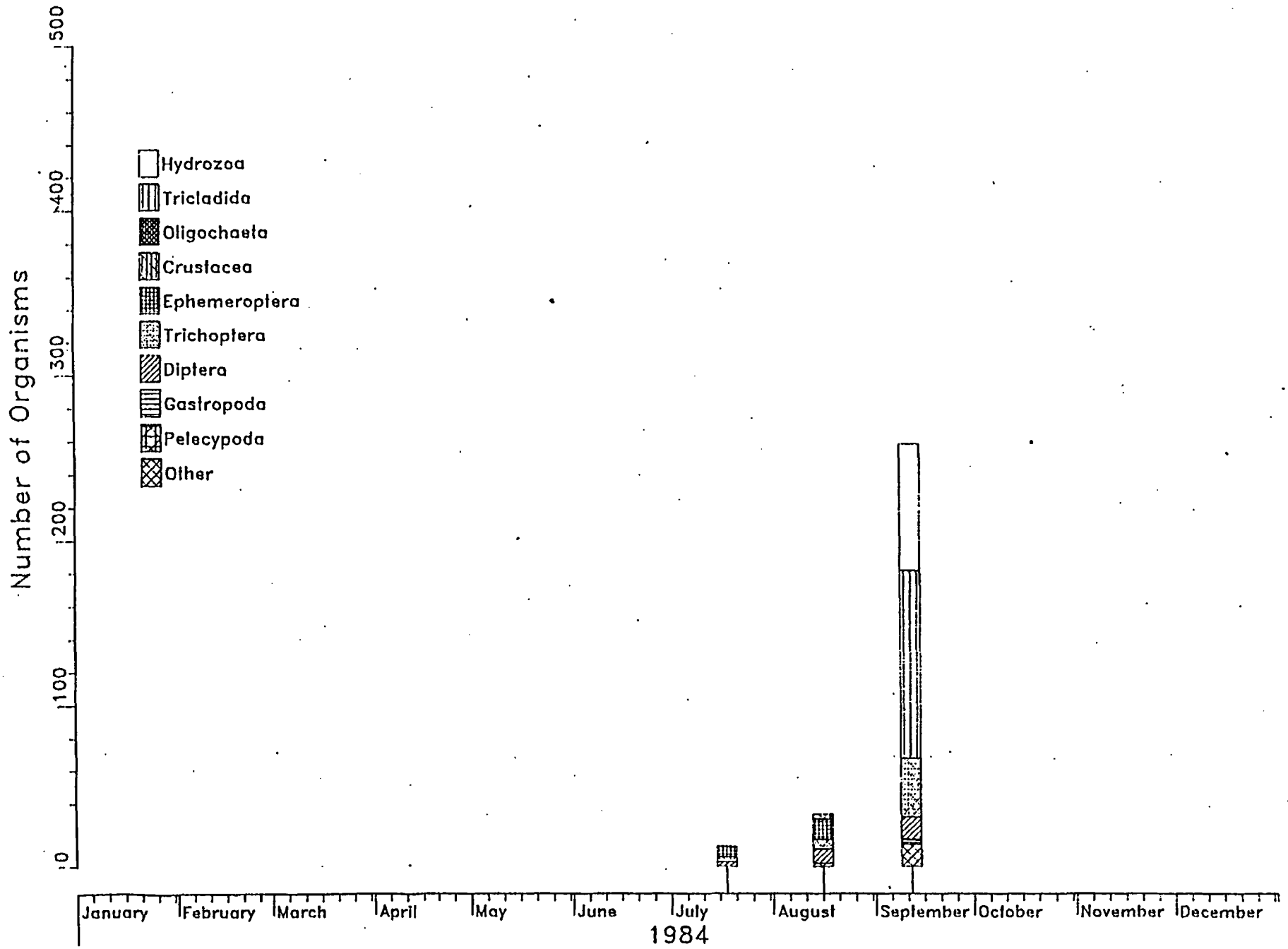

Figure 5.9 Station 2 Macroinvertebrates by Cage, 1984.

6.0 FISH STUDIES

Fish monitoring requirements of the NPDES permit consist of the collection of a representative sample, 500 fish minimum, from upstream and downstream of Vernon Dam. The fish collected are to be weighed and measured and scales from selected game species removed for the determination of the number of annuli. Monitoring of fish impingement is required for circulating and service water intakes.

In 1984, additional studies on the fishery were conducted as part of Project SAVE. These studies addressed specific areas for assessing environmental impact: age-growth, fish health, smallmouth bass mark and recapture, and ichthyoplankton entrainment. Data on all fish collected in 1984 are presented in this report. Parasite and disease data for individuals collected in 1984 and scale measurements for back calculation of fish size will be in subsequent reports.

6.1 Methods of Collection and Processing

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 stainless steel bolting cloth was affixed to the cod-end. Flow through the net was determined with an Interocean Systems Model 313 recording flowmeter.

Sampling of ichthyoplankton at upstream river stations (Figure 6.1) was by pushed nets attached to rigid structures on a boat. Sampling at downstream river stations was accomplished by pulling the net near the surface.

Retrieved nets were washed immediately and the contents preserved in 5% formalin. Ichthyoplankton were later separated

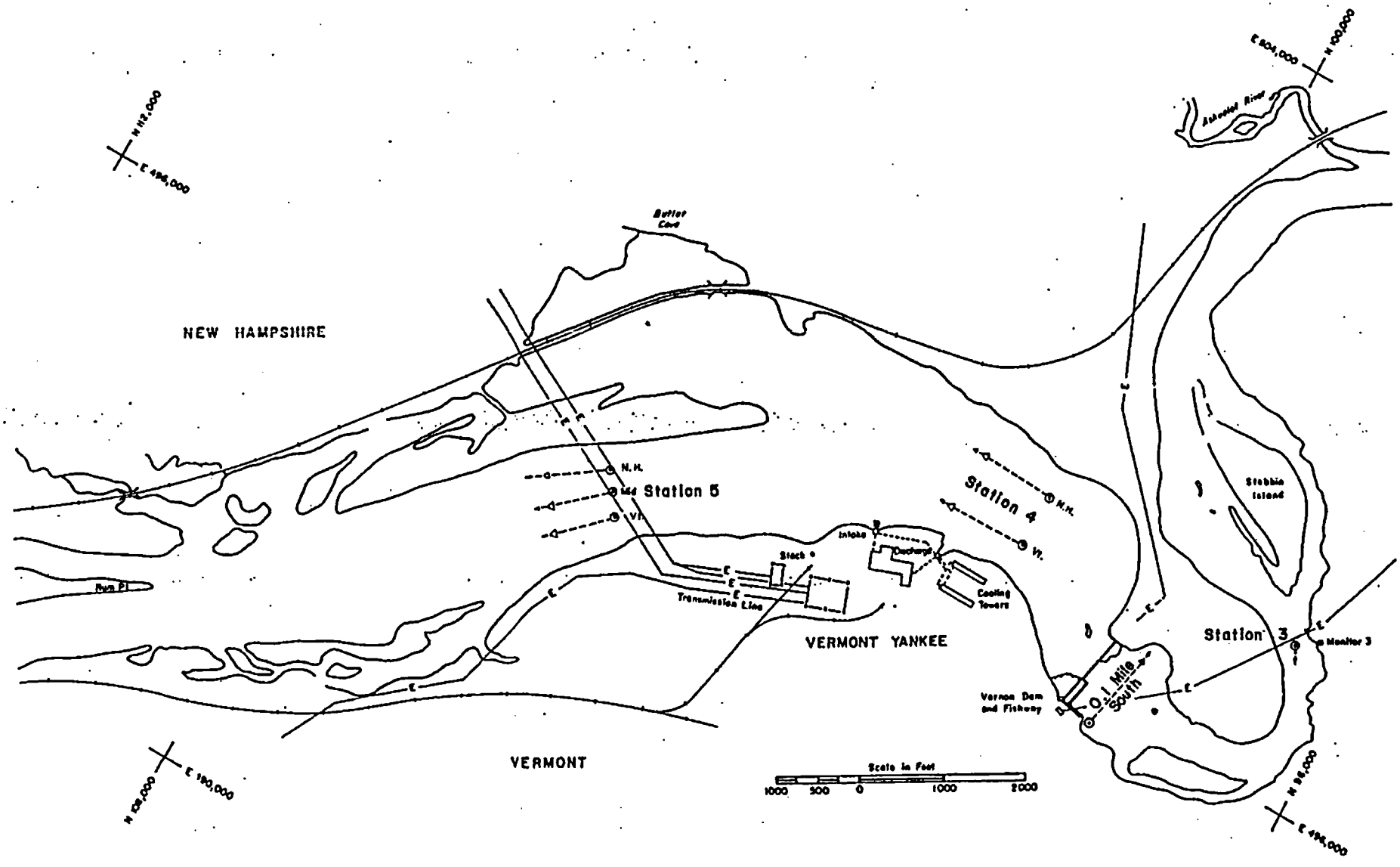

Figure 6.1 ICHTHYOPLANKTON SAMPLE STATIONS

from debris using a 10-power dissecting microscope. Larval fish were identified to the lowest feasible taxon with the aid of published larval keys: Norden, 1961; Mansueti and Hardy, 1967; Lippson and Moran, 1974; Hogue et al., 1976; Jones et al., 1978; Wang and Kernehan, 1979.

Fish impinged on the circulating water traveling screens were sampled when the plant was operated in open cycle. Service water traveling screens were monitored in July. Fish impinged on traveling screens were individually weighed and measured.

Fish were collected by trap nets, electrofishing, seines, dip nets, and gill nets. Monthly sets of trap nets were made at eleven locations near Vermont Yankee (Figure 6.2). Trap nets were made of a modified frame net design covered with a 1.3 cm knotless mesh nylon with a 1-meter-by-2-meter opening. These nets had two 8-meter wings and a 33-meter lead. Nets were checked daily for two consecutive days at each sample location.

Electrofishing was conducted in the evening beginning at dusk in areas near the trap net locations. Electrofishing used a boat-mounted Coffelt Electronics Model VVP-15 electroshocker.

Seine collections were made with a 4-meter seine with a 6 mm mesh and a 15-meter seine with a 10 mm mesh. Gill nets were 2 meters by 61 meters constructed of a 10 cm mesh.

Fish were identified, measured, and weighed individually, unless large numbers of non-game fish were collected. In these cases, fish were grouped by species and weighed collectively. Individual lengths were not obtained. Seine and dip net collections were preserved for later identification.

Scale samples for annulus determinations were taken from five species of fish: white perch, yellow perch, walleye,

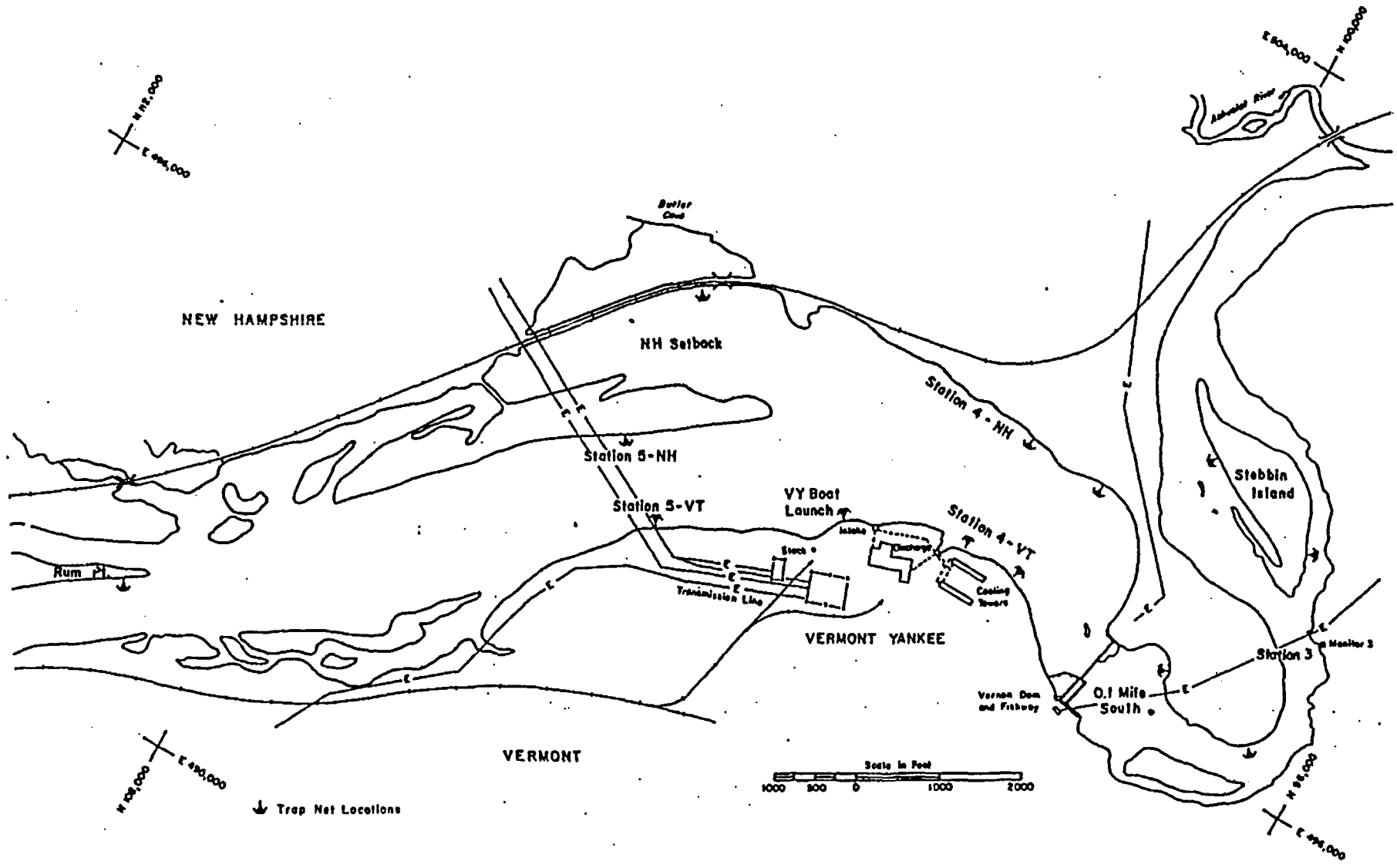

Figure 6.2 TRAP NET AND ELECTROFISHING LOCATIONS

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.

6.2 Summary

Ichthyoplankton

During May through July 1983, 324 ichthyoplankton samples were obtained from various depths at 6 upstream stations and 3 downstream stations (Table 6.1). The largest sampling effort occurred in June when 45% of the samples were taken.

Ichthyoplankton collections yielded 14,284 fish (Table 6.2). Upstream collections accounted for 88% of this catch. Minnows and white perch represented 78% and 17% of the total catch, respectively. Only one clupeid was captured during the ichthyoplankton study.

The composition of the ichthyoplankton captured at the intake was predominantly suckers and perches (yellow perch and walleye) (Table 6.3). About 85% of the fish captured at the intake were obtained from surface samples.

Impingement

During 1984 studies, a total of 61 impingement samples were collected. From 16 May to 15 June, impingement samples were collected from both the service water and circulating water traveling screens. During this time, unusually high flows caused large amounts of debris to accumulate on the screens. This in turn triggered automatic systems of the plant to backwash service water and/or circulating water screens during 24-hour samples, making separation of service water and circulating water impingement samples difficult. Due to this complication, service and circulating water impingement data were combined and presented as total daily impingement.

Three Atlantic salmon were impinged in 1984 on Vermont Yankee's intake screens (Table 6.4). When an Atlantic salmon was impinged, Vermont fisheries personnel were notified, and daily monitoring commenced until seven days passed without catching another salmon. No clupeids were impinged in 1984.

A total of 5,052 fish representing 20 species were collected from the traveling screens in 1984; the average daily impingement rate was 83 fish and 534 g per day.

Fish

During 1984, 266 fish collections were made (Table 6.5). Trap net samples represented 71% and electrofishing 23% of the total number of collections.

Twenty-nine species representing eleven families were collected in 1984 (Table 6.6). Two species (mimic shiner and blacknose dace) which have not been reported in previous Vermont Yankee studies were collected in 1984.

A total of 11,405 fish weighing 985 kg was collected in 1984 studies (Table 6.7). The most common fishes were sunfishes, minnows and perches, comprising 32%, 18%, and 16%, respectively. Biomass comprised of suckers (33%), white perch (14%) and smallmouth bass (11%).

Upstream collections contained over 75% of the fish caught (Table 6.8). Sunfishes (26%), spottail shiners (16%) and yellow perch (16%) were the most abundant fish. Upstream biomass was predominantly white suckers (30%), white perch (18%), yellow perch (12%) and common carp (11%). Impinged fish represented more than 1/2 of total number upstream fish caught (Table 6.9). Fish captured by trap nets and electrofishing represented almost 95% of the upstream fish biomass.

The most abundant fishes captured downstream were American shad and sunfishes (Table 6.10). The large increase in relative populations of shad downstream of Vernon Dam in 1984 may be attributable to the increased fishing effort expended to capture shad. The major contributors to downstream fish biomass were suckers, smallmouth bass and rock bass. Trap nets and electro-fishing provided the majority of the catch downstream (Table 6.11).

Scales were obtained from 1,465 resident fish representing five species. Summary statistics for lengths and weights for each species are presented in Tables 6.12 through 6.16.

Table 6.1 Ichthyoplankton sampling effort by month, 1984. All stations sampled by one-half meter net.

Station	Depth (Meters)	Number of Collections May	June	July	Total
2-MID	0.3	9	12	6	27
3-MID	0.3	9	12	6	27
0.1 Mi. So.	0.3	9	12	6	27
4-VT	0.3	3	4	2	9
	1.8	3	4	2	9
4-NH	0.3	3	4	2	9
	1.8	3	4	2	9
VY Intake	2.2	10	7	0	17
	3.7	9	7	0	16
	5.9	9	7	0	16
5-VT	0.3	9	13	6	28
	1.8	3	4	2	9
5-MID	0.3	9	13	6	28
	1.8	9	13	6	28
	3.7	9	13	6	28
5-NH	0.3	9	13	6	28
	1.8	3	4	2	9
TOTALS		118	146	60	324

Table 6.2 Collection dates and total numbers of ichthyoplankton captured upstream and downstream of Vernon Dam, 1984.

Species	Earliest Capture	Latest Capture	Downstream	Upstream	Total
Indeterminate	June 22	June 27	2		2
Herrings	June 22	June 22	1		1
Minnows	May 29	July 24	1317	9962	11279
Suckers	May 25	July 9	20	319	339
White Perch	May 18	July 11	293	2136	2429
Sunfishes	May 21	July 24	3	8	11
Perches/Indeterminate	May 16	June 8		5	5
Yellow Perch	May 7	June 8	20	59	79
Walleye	May 14	June 8	7	132	139
TOTALS			1663	12621	14284

Table 6.3 Ichthyoplankton captured at Vermont Yankee intake structure, 7 May-13 June 1984.

Species	Date	Depth (meters) 2.2	3.7	5.9
Yellow Perch	May 7	1	1	
	May 10	1	1	
	May 14	2		1
	May 16	2	2	
	May 21	4		
	May 23	9		
	May 25		2	1
	June 4			1
	June 6	1		
	June 8	1	1	
Walleye	May 21	8	1	1
	May 23	83	7	2
	May 25	14	2	3
	May 29	3	2	
Indeterminate Perches	June 8	1		
White Perch	May 21	2	1	
	May 29	2	5	1
	June 11	10	2	
	June 13	13	3	2
Suckers	May 29	30	12	1
	June 1	141	6	
	June 4	7	3	
	June 6	3		
	June 8	7		
	June 13			1
Minnows	June 4	1		
	June 6	2	1	1
	June 8	2		1
	June 11			1
Sunfish	May 21	1		

Table 6.4 Monthly impingement of fish on Vermont Yankee's circulating and service water traveling screens, 1984.

	Jan.	Feb.	Mar.	April	May	June	Oct.	Nov.	Dec.
Number of 24-Hour Samples[1]	1	1	4	8	23	10	8	5	1
American eel					1-5				
Brook trout						1-133			
Rainbow trout				1-3					
Atlantic salmon					3-111				
Eastern silvery minnow				30-167	5-23				
Golden shiner				17-219	28-89	5-90			
Spottail shiner			10-21	107-431	77-274	16-65	2-3		
Mimic shiner				16-24	1-1				
Common shiner				1-4					
Notropis spp.				1-1	2-4				
Indeterminate minnows				16-3			5-5	8-22	2-12
White sucker				3-6	1-4	3-833			
Yellow bullhead	1-2				1-7	8-38			
Brown bullhead			1-253	3-71	17-224	321-2896			
Banded killifish				3-10	1-4				
White perch		1-4	7-49	63-733	133-4014	7-357	5-90	9-166	
Rock bass			1-10	47-974	237-993	43-267	5-64	6-26	
Pumpkinseed	3-52	2-58	3-216	15-174	42-213	16-168		3-40	
Bluegill				14-348	190-936	85-724			1-2
Lepomis spp.				20-44	805-2053	1457-3840	127-300	93-223	
Smallmouth bass		1-3	5-56	35-193	43-193	18-101	3-26	19-198	
Largemouth bass					8-29	1-4			
Tessellated darter				1-3	2-5				
Yellow perch	1-8		5-31	458-3902	231-2561	63-2087	1-9	3-30	
TOTAL	5-62	4-65	32-636	851-7310	1828-11743	2044-11703	148-497	141-705	3-14

[1] Service water and circulating water traveling screen samples were combined due to automatic overnight backwashing.

Table 6.5 Fishing effort, 1984. (CPE = number of fish per hour).

	TRAP NET				ELECTROFISHING			
	Coll's	Hours	Fish	CPE	Coll's	Hours	Fish	CPE
STATION 2	24	496	132	0.3	0	-	-	-
STEBBIN IS.	24	498	306	0.6	11	6.4	200	31.3
STATION 3	12	248	115	0.5	13	39.2	534	13.6
0.1 MI SO.	12	250	154	0.6	-#	-#	-#	-#
4-VT	25	510	236	0.5	6	1.5	72	48.0
4-NH	21	431	238	0.6	4	2.0	313	156.5
VY LAUNCH	10	211	78	0.4	5	1.3	51	39.2
NH SETBACK	12	225	385	1.7	8	8.3	396	47.7
5-VT	12	260	228	0.9	5	22.3	119	5.3
5-MID	2	42	0	0	0	-	-	-
5-NH	12	257	456	1.8	5	1.7	115	67.6
RUM POINT	12	261	306	1.2	0	-	-	-
STATION 8	4	91	29	0.3	2	0.5	11	22.0
BELLOWS FALLS	7	-*	46	-*	3	4.3	14	-*
TOTAL	189	3780	2709		62	87.5	1825	

	SEINE		SHAD NET	
	Coll's	Fish	Coll's	Fish
STEBBIN IS.	4	62		
0.1 MI SO.	1	117		
4-VT	2	412		
4-NH	2	667	1	0
5-VT	2	566	1	0
5-NH	2	53	-	-
TOTAL	13	1877	2	0

During electrofishing, this station's effort was combined with station 3 effort.

* Fishing effort at Bellows Falls specifically captured fish required for parasite study.

Table 6.6 Checklist of fishes collected during 1984.

	Common Name*
OSTEICHTHYES	
ANGUILLIFORMES	
Anguillidae	Freshwater eels
Anguilla rostrata (Lesueur)	American eel
CLUPEIFORMES	
Clupeidae	Herrings
Alosa sapidissima (Wilson)	American shad
SALMONIFORMES	
Salmonidae	Trouts
Salmo gairdneri Richardson	Rainbow trout
Salmo salar Linnaeus	Atlantic salmon
Salvelinus fontinalis (Mitchill)	Brook trout
Esocidae	Pikes
Esox lucius Linnaeus	Northern pike
Esox niger Lesueur	Chain pickerel
CYPRINIFORMES	
Cyprinidae	Carps and minnows
Cyprinus carpio Linnaeus	Common carp
Hybognathus regius Girard	Eastern silvery minnow
Notemigonus crysoleucas (Mitchill)	Golden shiner
Notropis cornutus (Mitchill)	Common shiner
Notropis hudsonius (Clinton)	Spottail shiner
Notropis volucellus (Cope)	Mimic shiner
Rhinichthys atratulus (Hermann)	Blacknose dace
Semotilus corporalis (Mitchill)	Fallfish
Catostomidae	Suckers
Catostomus commersoni (Lacépède)	White sucker
SILURIFORMES	
Ictaluridae	Bullhead catfishes
Ictalurus natalis (Lesueur)	Yellow bullhead
Ictalurus nebulosus (Lesueur)	Brown bullhead
CYPRINODONTIFORMES	
Cyprinodontidae	Killifishes
Fundulus diaphanus (Lesueur)	Banded killifish
PERCIFORMES	
Percichthyidae	Temperate basses
Morone americana (Gmelin)	White perch
Centrarchidae	Sunfishes
Ambloplites rupestris (Rafinesque)	Rock bass
Lepomis gibbosus (Linnaeus)	Pumpkinseed
Lepomis macrochirus Rafinesque	Bluegill
Micropterus dolomieui Lacépède	Smallmouth bass
Micropterus salmoides (Lacépède)	Largemouth bass
Percidae	Perches
Etheostoma olmstedi Storer	Tessellated darter
Perca flavescens (Mitchill)	Yellow perch
Stizostedion vitreum vitreum (Mitchill)	Walleye

*Source: Robins *et al.*, 1980.

Table 6.7 Numbers and weights of fishes collected upstream and downstream of Vernon Dam, 1984.

	TOTAL (#)	NUMBER (%)	TOTAL (g)	WEIGHT (%)
American eel	55	0.5	18683	1.9
American shad	279	2.4	5519	0.6
Alosa sp.	4	<0.1	38	<0.1
Rainbow trout	1	<0.1	3	<0.1
Atlantic salmon	3	<0.1	111	<0.1
Brook trout	1	<0.1	133	<0.1
Northern pike	1	<0.1	1871	0.2
Chain pickerel	1	<0.1	10	<0.1
Common carp	21	0.2	94194	9.6
Eastern silvery minnow	35	0.3	190	<0.1
Golden shiner	182	1.6	5816	0.6
Common shiner	1	<0.1	4	<0.1
Spottail shiner	1684	14.8	3861	0.4
Mimic shiner	122	1.1	117	<0.1
Notropis spp.	3	<0.1	5	<0.1
Blacknose dace	2	<0.1	1	<0.1
Fallfish	3	<0.1	327	<0.1
Indeterminate minnows	273	2.4	1400	0.1
White sucker	452	4.0	326330	33.1
Yellow bullhead	10	0.1	47	<0.1
Brown bullhead	362	3.2	9352	0.9
Banded killifish	26	0.2	82	<0.1
White perch	796	7.0	134705	13.7
Rock bass	773	6.8	61111	6.2
Pumpkinseed	500	4.4	23197	2.4
Bluegill	579	5.1	33237	3.4
Lepomis spp.	2524	22.1	6488	0.7
Smallmouth bass	769	6.7	111927	11.4
Largemouth bass	108	0.9	14737	1.5
Micropterus spp.	26	0.2	2253	0.2
Indeterminate sunfishes	22	0.2	1	<0.1
Tessellated darter	62	0.5	32	<0.1
Yellow perch	1671	14.6	92278	9.4
Walleye	54	0.5	36738	3.7
TOTAL	11405	100	984798	100

Table 6.8 Numbers and weights of fishes collected upstream of Vernon Dam, 1984.

	TOTAL (#)	NUMBER (%)	TOTAL (g)	WEIGHT (%)
American eel	26	0.3	11969	1.7
American shad	3	<0.1	1913	0.3
Rainbow trout	1	<0.1	3	<0.1
Atlantic salmon	3	<0.1	111	<0.1
Brook trout	1	<0.1	133	<0.1
Chain pickerel	1	<0.1	10	<0.1
Common carp	18	0.2	76504	11.2
Eastern silvery minnow	35	0.4	190	<0.1
Golden shiner	181	1.9	5810	0.8
Common shiner	1	<0.1	4	<0.1
Spottail shiner	1603	16.4	3543	0.5
Mimic shiner	19	0.2	25	<0.1
Notropis spp.	3	<0.1	5	<0.1
Blacknose dace	2	<0.1	1	<0.1
Indeterminate minnows	187	1.9	1356	0.2
White sucker	313	3.2	205253	29.9
Yellow bullhead	10	0.1	47	<0.1
Brown bullhead	345	3.5	3932	0.6
Banded killifish	26	0.3	82	<0.1
White perch	764	7.8	125047	18.3
Rock bass	522	5.3	18572	2.7
Pumpkinseed	443	4.5	18384	2.7
Bluegill	399	4.1	7670	1.1
Lepomis spp.	2511	25.7	6477	0.9
Smallmouth bass	572	5.8	67827	9.9
Largemouth bass	88	0.9	13068	1.9
Micropterus spp.	6	0.1	304	<0.1
Indeterminate sunfishes	12	0.1	1	<0.1
Tessellated darter	62	0.6	32	<0.1
Yellow perch	1579	16.2	84455	12.3
Walleye	47	0.5	32620	4.8
TOTAL	9783	100	685348	100

Table 6.9 Number and weights of fishes captured by different gears upstream of Vernon Dam, 1984.

	TRAP NET		ELECTRO-FISHING		SEINE		IMPINGEMENT	
	No.	Weight (g)	No.	Weight (g)	No.	Weight (g)	No.	Weight (g)
American eel	12	6700	13	5264			1	5
American shad			3	1913				
Rainbow trout							1	3
Atlantic salmon							3	111
Brook trout							1	133
Chain pickerel					1	10		
Common carp	4	14785	14	61719				
Eastern silvery minnow							35	190
Golden shiner	87	3935	42	1462	2	14	50	398
Common shiner							1	4
Spottail shiner	173	2229	32	180	1186	400	212	794
Mimic shiner					2	<1	17	25
Notropis spp.							3	5
Blacknose dace					2	1		
Indeterminate minnows			151	1311	5	2	31	42
White sucker	187	155993	86	48371	33	46	7	843
Yellow bullhead							10	47
Brown bullhead	3	487					342	3444
Banded killifish	1	19	1	5	20	44	4	14
White perch	398	98978	151	20656			225	5413
Rock bass	146	15808	5	422	32	8	339	2334
Pumpkinseed	202	12500	94	3646	63	1317	84	921
Bluegill	34	2464	73	3151	3	47	290	2010
Lepomis spp.			3	14	5	1	2502	6460
Smallmouth bass	161	45816	86	20809	201	432	124	770
Largemouth bass			37	12971	42	64	9	33
Micropterus spp.	6	304						
Indeterminate sunfishes					12	1		
Tessellated darter			1	7	58	17	3	8
Yellow perch	520	51976	270	23430	31	421	760	8628
Walleye	22	17696	25	14924				
TOTAL	1956	429690	1087	220255	1698	2825	5054	32635

Table 6.10 Numbers and weights of fishes collected downstream of Vernon Dam, 1984.

	TOTAL (#)	NUMBER (%)	TOTAL (g)	WEIGHT (%)
American eel	29	1.8	6714	2.2
American shad	276	17.0	3606	1.2
Alosa sp.	4	0.2	38	0.0
Northern pike	1	0.1	1871	0.6
Common carp	3	0.2	17690	5.9
Golden shiner	1	0.1	7	0.0
Spottail shiner	81	5.0	318	0.1
Mimic shiner	103	6.4	92	0.0
Fallfish	3	0.2	327	0.1
Indeterminate minnows	86	5.3	45	0.0
White sucker	139	8.6	121077	40.4
Brown bullhead	17	1.0	5421	1.8
White perch	32	2.0	9658	3.2
Rock bass	251	15.5	42539	14.2
Pumpkinseed	57	3.5	4813	1.6
Bluegill	180	11.1	25567	8.5
Lepomis spp.	13	0.8	11	0.0
Smallmouth bass	197	12.2	44100	14.7
Largemouth bass	20	1.2	1669	0.6
Micropterus spp.	20	1.2	1949	0.7
Indeterminate sunfishes	10	0.6	<1	0.0
Yellow perch	90	5.6	7823	2.6
Walleye	7	0.4	4118	1.4
TOTAL	1620	100	299453	100

Table 6.11 Number and weights of fishes captured by different gears downstream of Vernon Dam, 1984.

	TRAP NET		ELECTRO-FISHING		SEINE	
	No.	Weight (g)	No.	Weight (g)	No.	Weight (g)
American eel	6	1136	23	5578		
American shad			4	38		
Alosa sp.	6	38	270	3568		
Northern pike			1	1871		
Common carp	1	3740	2	13950		
Golden shiner					1	7
Spottail shiner	6	51	64	257	11	10
Mimic shiner			49	81	54	11
Fallfish	1	177	2	150		
Indeterminate minnows			36	42	50	3
White sucker	30	28188	102	92865	7	24
Brown bullhead	16	5311	1	110		
White perch	28	8218	4	1440		
Rock bass	243	41569	8	970		
Pumpkinseed	35	3443	8	612	14	758
Bluegill	119	19039	59	6399	2	129
Lepomis spp.	1	3	11	6	1	2
Smallmouth bass	111	33762	72	10292	14	46
Largemouth bass	2	1158	3	383	15	128
Micropterus spp.	20	1949				
Indeterminate sunfishes					10	<1
Yellow perch	76	5923	14	1900		
Walleye	6	3814	1	304		
TOTAL	707	157519	734	140816	179	1118

Table 6.12 Length and weight statistics for white perch collected upstream and downstream in 1984.

Upstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	6	82	19	47-95	8	2	4-10
1	14	184	34	115-225	88	31	23-135
2	61	223	26	159-285	159	65	48-369
3	95	260	19	210-314	256	66	124-448
4	86	271	19	239-325	287	55	203-503
5	43	275	19	242-315	307	73	215-535
6	13	278	12	255-292	314	37	228-353

Downstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	0	-	-	-	-	-	-
1	0	-	-	-	-	-	-
2	5	238	23	220-274	217	59	162-306
3	14	269	27	217-308	306	94	141-460
4	10	280	17	252-299	338	70	217-429
5	2	275	10	268-282	334	83	275-392

Table 6.13 Length and weight statistics for yellow perch collected upstream and downstream in 1984.

Upstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	4	106	33	89-155	15	14	7-36
1	108	143	30	86-212	35	21	4-110
2	161	184	21	139-240	71	25	24-150
3	138	223	25	163-314	125	44	41-314
4	83	244	25	114-300	168	45	94-299
5	11	266	31	235-333	196	59	131-317
6	2	285	27	266-304	237	52	200-274

Downstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	3	138	17	120-154	26	10	16-35
1	39	157	19	96-196	43	20	11-121
2	18	200	42	149-290	100	73	27-285
3	10	233	35	183-290	149	79	63-294
4	4	243	30	216-271	167	59	103-222
5	0	-	-	-	-	-	-
6	1	292	-	-	257	0	-

Table 6.14 Length and weight statistics for walleye collected upstream and downstream in 1984.

Upstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	3	212	2	210-214	82	12	74-96
1	2	285	74	233-338	202	133	108-296
2	9	372	47	298-430	444	172	226-663
3	15	427	46	312-499	647	197	244-962
4	10	479	65	421-650	989	625	588-2721
5	6	482	55	392-550	979	278	528-1329
6	2	531	98	462-600	1343	747	815-1871

Downstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	0	-	-	-	-	-	-
1	1	330	-	-	304	-	-
2	1	245	-	-	332	-	-
3	0	-	-	-	-	-	-
4	3	516	66	450-582	640	604	0-1200
5	1	426	-	-	648	-	-

Table 6.15 Length and weight statistics for smallmouth bass collected upstream and downstream in 1984.

Upstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	13	100	32	79-200	19	28	6-111
1	57	137	32	80-211	41	32	7-138
2	86	228	34	162-303	158	70	51-365
3	70	286	30	205-372	302	111	128-695
4	50	318	36	210-402	414	137	210-803
5	17	354	45	279-440	589	227	288-1055
6	4	416	55	360-492	934	349	518-1372

Downstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	11	91	12	75-117	11	4	6-19
1	25	169	43	110-260	74	55	19-205
2	27	233	36	182-295	179	79	77-347
3	24	269	32	206-342	247	87	110-488
4	39	306	26	264-392	367	108	226-758
5	16	381	207	280-1142	484	225	273-1273
6	2	377	11	369-385	779	76	725-833

Table 6.16 Length and weight statistics for largemouth bass collected upstream and downstream in 1984.

Upstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	2	85	14	75-95	8	1	7-9
1	0	-	-	-	-	-	-
2	5	212	38	150-250	148	71	49-238
3	14	253	25	228-323	242	91	163-525
4	11	272	36	207-348	313	127	125-614
5	2	403	7	398-408	909	115	828-990
6	3	432	63	383-503	1186	676	690-1956

Downstream of Vernon Dam

No. of Annuli	No. of Fish	Total Length (mm) Ave.	SD	Range	Total Weight (g) Ave.	SD	Range
0	2	112	4	110-115	23	1	23-24
1	0	-	-	-	-	-	-
2	1	230	-	-	174	-	-
3	0	-	-	-	-	-	-
4	1	347			603	-	-
5	1	350	-	-	555	-	-

REFERENCES

APHA. 1980. Standard methods for the examination of water and wastewater, 15th edition. American Public Health Association, Washington, D.C., xlvii + 1134.

Burks, B.D. 1953. The mayflies, or Ephemeroptera, of Illinois. Illinois Natural History Survey Bulletin 26.

Bourrelly, P. 1970. Les algues d'eau douce. Initiation a la systematique. III. Les Algues Bleues et Rouges, Les Eugleniens, Peridinens et Cryptomonadines. Ed. N. Boubee & Cie, Paris.

—— 1972. Les algues d'eau douce. Initiation a la systematique. I. Les Algues Vertes. Ed. N. Boubee & Cie, Paris.

—— 1981. Les algues d'eau douce. Initiation a la systematique. II. Les Algues Jaunes et Brunes: Chrysophycees, Pheophycees, Xanthophycees et Diatomees. Ed. N. Boubee & Cie, Paris.

Hogue, J.J., Jr., and J.P. Buchanan. 1976. Preliminary guide to the identification of larval fishes in the Tennessee River. Technical Note B19, Tennessee Valley Authority, Norris, Tennessee.

Johannsen, O.A. 1977. Aquatic Diptera. Reprinted by Entomological Reprint Specialists, Los Angeles.

Jones, P.W., F.D. Martin, and J.D. Hardy, Jr. 1978. Development of fishes of the mid-Atlantic bight: An atlas of egg, larval and juvenile stages. Chesapeake Biological Laboratory, Center for Environmental and Estuarine Studies, for U.S. Fish and Wildlife Service, Office of Biological Services, Washington, D.C. FWS/OBS-78/12. Volumes I-VI.

Kudo, R.R. 1971. Protozoology. 5th ed. Charles C. Thomas Pub., Springfield, Illinois.

Lippson, A.J., and R.L. Moran. 1974. Manual for identification of early developmental stages of fishes of the Potomac River estuary. Martin Marietta Corp., Baltimore.

Mansueti, Alice J., and J.D. Hardy, Jr. 1967. Development of fishes of the Chesapeake Bay region: An atlas of egg, larval, and juvenile stages. Part I. Natural Resource Institute, University of Maryland.

Mason, W.T., Jr. 1973. An introduction to the identification of Chironomid larvae. U.S. E.P.A., Cincinnati.

Norden, C.R. 1961. The identification of larval yellow perch, Perca flavescens, and walleye, Stizostedion vitreum. Copeia 1961(3):282-288.

Parish, F.K. 1975. Keys to water quality indicative organisms of the southeastern United States. U.S. E.P.A., Cincinnati.

Patrick, R., and C.W. Reimer. 1966. The Diatoms of the U.S., exclusive of Alaska and Hawaii. Volume I. Monographs of the Academy of Natural of Philadelphia. No. 13.

—— 1975. The Diatoms of the U.S., exclusive of Alaska and Hawaii. Volume II, Part 1. Monographs of the Academy of Natural of Philadelphia.

Pennak, R.W., 1978. Freshwater invertebrates of the United States. Second edition. J. Wiley & Sons, Inc., New York.

Prescott, G.W. 1951. Algae of the western Great Lakes area, exclusive of the Desmids and Diatoms. Cranbrook Institute of Science: Bloomfield Hills, Michigan. Bulletin 31.

Robins, C. Richard, Reeve M. Bailey, Carl E. Bond, James R. Brooker, Ernest A. Lachner, Robert N. Lea, and W.B. Scott. 1980. A list of common and scientific names of fishes from the United States and Canada (Fourth Edition). American Fisheries Society Special Publication No. 12, Bethesda, Md. 174 pp.

Schuster, G.A., and D.A. Etnier. 1978. A manual for the identification of the larvae of the caddis fly genera Hydropsyche Pictet and Symphitopsyche Ulmer in eastern and central North America (Trichoptera: Hydropsyche). U.S. E.P.A., Cincinnati.

Simpson, K.W., and R.W. Bode. 1979. Common larvae of Chironomidae (Diptera) from New York State streams and rivers with particular reference to the fauna of artificial substrate. NY Ed. Dept., Bulletin No. 439, New York State Museum, Albany.

Stemberger, R.S. 1979. A guide to Rotifers of the Great Lakes. U.S. E.P.A., Cincinnati.

Usinger, R.L. 1974. Aquatic insects of California. University of California Press. Los Angeles.

Vinyard, W.C. 1979. Diatoms of North America. Mad River Press, Inc., Eureka, California.

Wang, J.C.S., and R.J. Kernehan. 1979. Fishs of the Delaware estuaries: A guide to the early life histories. EA Communications, Ecological Analysts, Inc., Towson, Maryland.

Ward, H.B., and G.C. Whipple. 1966. Freshwater biology. Second ed. J.Wiley & Sons, Inc., New York.

Weber, C.I. 1966. A guide to the common diatoms at water pollution surveillance system stations. U.S. E.P.A., Cincinnati.

Appendix A

Water Quality

Water Quality at Monitor 7, Monitor Pump Grab - WQ

Sample Number	Date 1984 Month/Day	Time	Temperature Degrees F	Dissolved Oxygen mg/l	Biochemical Oxygen Demand (5-day), mg/l	pH	Turbidity NTU	Silica mg/l
7578	1/05	0630	33.1	14.00	0.85	6.89	1.8	6
7587	1/11	0700	33.2	13.7	0.50	6.9	2.5	6
7589	1/19	0700	33.1	13.75	0.30	6.9	1.4	7
7590	1/27	0700	33.2	13.75	0.55	6.88	2.5	7.6
7591	2/02	0735	33.2	13.40	0.70	6.83	1.3	7.0
7592	2/08	0700	33.2	13.5	0.70	6.85	2.8	6.8
7604	2/16	0730	33.2	13.7	0.70	6.7	11	7.1
7606	2/22	1000	33.1	14.3	1.10	6.85	7.9	5.3
7607	3/01	0700	33.4	14.25	0.85	7.0	6.6	6.4

Sample Number	Date 1984 Month/Day	Time	Total Kjeldahl Nitrogen mg/l	Ammonia Nitrogen mg/l	Nitrate as N mg/l	Nitrite as N mg/l	Total Phosphate as P mg/l	Orthophosphate as P mg/l
7578	1/05	0630	0.62	0.084	0.30	0.003	0.013	0.009
7587	1/11	0700	0.29	0.089	0.35	0.004	0.022	<0.005
7589	1/19	0700	0.26	0.102	0.34	0.004	0.019	0.005
7590	1/27	0700	0.38	0.106	0.39	0.004	0.011	0.006
7591	2/02	0735	0.28	0.094	0.39	0.004	0.018	0.011
7592	2/08	0700	0.44	0.089	0.40	0.005	0.022	0.014
7604	2/16	0730	0.49	0.076	0.25	0.009	0.015	0.036
7606	2/22	1000	0.11	0.040	0.23	0.004	0.023	0.008
7607	3/01	0700	0.44	0.059	0.25	0.004	0.069	0.012

Water Quality at Monitor 7, Plant Discharge, and Monitor 3
Monitor Pump Grab - WQ, and Plant Discharge Grab Sample - WQ

Date	15 February 1984		
Station	Monitor 7	Plant Discharge	Monitor 3
Time	1530	1430	1320
Temperature, F	33.2	61.3	34.3
Dissolved Oxygen, mg/l	13.6	12.0	13.5
pH	6.7	6.9	7.3
Alkalinity as $CaCO_3$, mg/l	25.2	29.2	30.8
Calcium Hardness as $CaCO_3$, mg/l	24.8	28.7	30.5
Total Hardness as $CaCO_3$, mg/l	31.3	35.2	37.1
Total Phosphate as P, mg/l	0.033	0.027	0.022
Turbidity, NTU	4.5	4.2	3.0
Total Suspended Solids, mg/l	4.8	4.8	3.8
Total Solids, mg/l	69	76	75
Chloride, mg/l	8.9	9.2	8.4
Chromium, mg/l	<0.002	<0.002	<0.002
Copper, mg/l	<0.02	<0.02	<0.02
Iron, mg/l	0.31	0.22	0.20
Sodium, mg/l	5.9	6.0	5.9
Sulfate, mg/l	8.1	8.4	8.5
Zinc, mg/l	0.04	0.02	<0.02

Water Quality at Monitor 7, Plant Discharge, and Monitor 3
Monitor Pump Grab - WQ, and Plant Discharge Grab Sample - WQ

Date	17 May 1984		
Station	Monitor 7	Plant Discharge	Monitor 3
Time	1040	1000	1130
Temperature, F	48.7	70.2	50.5
Dissolved Oxygen, mg/l	11.80	11.50	12.00
pH	6.9	7.15	7.25
Alkalinity as $CaCO_3$, mg/l	20.0	21.0	21.0
Calcium Hardness as $CaCO_3$, mg/l	21.6	21.7	21.6
Total Hardness as $CaCO_3$, mg/l	25.8	25.9	25.8
Total Phosphate as P, mg/l	0.023	0.022	0.032
Turbidity, NTU	3.2	3.0	2.5
Total Suspended Solids, mg/l	8.6	7.0	9.8
Total Solids, mg/l	35	41	43
Chloride, mg/l	3.3	3.0	3.0
Chromium, mg/l	<0.002	<0.002	<0.002
Copper, mg/l	<0.02	<0.02	<0.02
Iron, mg/l	0.16	0.17	0.19
Sodium, mg/l	3.4	3.2	3.2
Sulfate, mg/l	7.0	6.7	8.2
Zinc, mg/l	<0.02	<0.02	<0.02

Water Quality at Monitor 7, Plant Discharge, and Monitor 3
Monitor Pump Grab - WQ, and Plant Discharge Grab Sample - WQ

Date	13 September 1984		
Station	Monitor 7	Plant Discharge	Monitor 3
Time	1000	0920	0940
Temperature, F	69.1	69.8	69.8
Dissolved Oxygen, mg/l	8.5	8.8	8.55
pH	7.3	6.59	6.7
Alkalinity as $CaCO_3$, mg/l	52.2	32.0	53.8
Calcium Hardness as $CaCO_3$, mg/l	48.7	86.6	48.7
Total Hardness as $CaCO_3$, mg/l	57.8	103	57.8
Total Phosphate as P, mg/l	0.016	0.027	0.016
Turbidity, NTU	1.2	2.8	1.2
Total Suspended Solids, mg/l	3.2	4.6	2.4
Total Solids, mg/l	98	212	93
Chloride, mg/l	9.4	23.0	9.2
Chromium, mg/l	<0.001	<0.001	<0.001
Copper, mg/l	<0.02	0.23	<0.02
Iron, mg/l	0.36	0.22	0.45
Sodium, mg/l	6.7	16.5	6.6
Sulfate, mg/l	10.0	73	10.2
Zinc, mg/l	<0.02	0.13	<0.02

Water Quality at Monitor 7, Plant Discharge, and Monitor 3
Monitor Pump Grab - WQ, and Plant Discharge Grab Sample - WQ

Date	16 November 1984		
Station	Monitor 7	Plant Discharge	Monitor 3
Time	1000	0900	0930
Temperature, F	43.3	60.8	45.7
Dissolved Oxygen, mg/l	10.7	—	11.0
pH	7.20	7.60	7.20
Alkalinity as $CaCO_3$, mg/l	36.7	35.5	36.8
Calcium Hardness as $CaCO_3$, mg/l	30.7	29.7	30.2
Total Hardness as $CaCO_3$, mg/l	37.4	36.5	37.0
Total Phosphate as P, mg/l	0.016	0.019	0.017
Turbidity, NTU	1.3	2.0	1.5
Total Suspended Solids, mg/l	2.9	3.3	3.5
Total Solids, mg/l	73	80	74
Chloride, mg/l	6.6	6.8	6.7
Chromium, mg/l	<0.002	<0.002	<0.002
Copper, mg/l	<0.02	<0.02	<0.02
Iron, mg/l	0.21	0.39	0.28
Sodium, mg/l	4.8	5.2	5.0
Sulfate, mg/l	11.4	10.9	11.1
Zinc, mg/l	<0.02	0.03	<0.02

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

JANUARY 1984

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	32.2	32.2	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
2	32.2	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
3	32.2	32.2	32.2	32.2	32.2	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	32.2	32.2	32.2	32.2	32.2	32.2	32.2
4	32.1	32.1	32.2	32.1	32.2	32.1	32.1	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	32.2	32.1	32.2
5	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.2	32.2	32.2	32.2	32.1	32.2	32.1	32.1	32.1	32.1	32.1	32.1
6	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	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1
8	32.1	32.1	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	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.2	32.2
9	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.2
10	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.2	32.1	32.1	32.1	32.1
11	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	32.2	32.1	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1
12	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	32.1	32.1	32.1	32.1	32.1	32.1
13	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.1	32.2	32.1	32.2	32.1	32.2	32.1	32.1	32.1	32.1	32.1
14	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	32.2	32.2	32.2	32.1	32.1	32.1	32.1
15	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	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1
16	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.1	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
17	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.1	32.1
18	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	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1
19	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.2	32.2	32.1	32.1	32.1
20	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	32.1	32.1	32.1	32.1	32.1	32.1
21	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	32.1	32.1	32.2	32.2	32.1	32.1
22	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.2	32.2	32.1	32.1	32.1	32.1
23	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.1	32.1	32.1
24	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.1	32.1	32.1
25	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.1	32.2	32.1	32.1	32.1	32.1	32.1	32.1
26	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1
27	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	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1
28	32.2	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.2	32.2	32.1	32.2	32.2	32.1	32.2	32.2	32.1	32.1	32.1	32.1	32.1
29	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
30	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2
31	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.1	32.2	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.1	32.1	32.1	32.1

MONTHLY AVERAGE 32.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

FEBRUARY 1984

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	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.1
2	32.2	32.2	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	32.1	32.1	32.1
3	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	32.1	32.1	32.1	32.1	32.1	32.1
4	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	32.1	32.1	32.1	32.1	32.1	32.1
5	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	32.1	32.1	32.1	32.1	32.1	32.1
6	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	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
7	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	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
8	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	32.2	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
9	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	32.2	32.1	32.1	32.2	32.2	32.1	32.1	32.1	32.1	32.1
10	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1
11	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	32.1	32.1	32.1	32.1	32.1	32.1
12	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	32.1	32.1	32.1	32.1	32.1	32.1
13	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	32.1	32.1	32.1	32.1	32.1	32.1
14	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	32.1	32.1	32.1	32.1	32.1	32.1
15	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	32.1	32.1	32.1	32.1	32.1	32.1
16	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	32.1	32.1	32.1	32.1	32.1	32.1
17	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	32.1	32.1	32.1	32.1	32.1	32.1
18	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	32.1	32.1	32.2	32.2	32.1	32.1
19	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	32.2	32.3	32.3	32.3	32.2
20	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	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.4
21	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.7	32.6	32.7
22	32.6	32.5	32.5	32.5	32.4	32.4	32.4	32.3	32.3	32.4	32.5	32.6	32.8	32.9	33.0	33.1	33.1	33.0	33.0	33.0	32.8	32.7	32.6	32.6	32.7
23	32.6	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.3	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.1	33.0	33.1	33.1	33.1	33.2	33.2	33.2	32.8
24	33.2	33.3	33.3	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.4	33.5	33.7	33.7	33.7	33.6	33.8	33.9	33.8	33.8	33.8	33.5
25	33.8	33.8	33.9	33.9	33.9	33.9	33.8	33.7	33.7	33.7	33.7	33.8	34.0	34.1	34.2	34.3	34.3	34.3	34.6	34.6	34.6	34.6	34.7	34.8	34.1
26	34.8	34.9	34.9	34.8	34.7	34.6	34.4	34.3	34.2	34.2	34.2	34.3	34.4	34.5	34.6	34.7	34.7	34.7	34.6	34.5	34.3	34.2	34.0	33.9	34.5
27	33.8	33.7	33.6	33.5	33.4	33.3	33.1	33.0	32.9	32.8	32.9	33.0	33.1	33.2	33.3	33.5	33.5	33.5	33.6	33.5	33.5	33.5	33.5	33.4	33.3
28	33.4	33.3	33.4	33.4	33.5	33.5	33.4	33.3	33.2	33.1	33.0	32.9	32.8	32.7	32.6	32.5	32.4	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.9
29	32.3	32.3	32.4	32.3	32.3	32.3	32.3	32.3	32.4	32.5	32.6	32.7	32.9	32.9	32.9	33.0	33.0	32.9	32.8	32.8	32.7	32.7	32.6	32.5	32.6

MONTHLY AVERAGE 32.5

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

MARCH 1984

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	32.5	32.4	32.4	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.3	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.3	32.4
2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.2	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	32.3
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	32.5	32.5	32.6	32.6	32.6	32.6	32.5	32.5	32.4	32.4	32.4	32.4	32.4
4	32.3	32.3	32.4	32.3	32.4	32.3	32.3	32.3	32.3	32.4	32.5	32.6	32.7	32.8	32.8	32.8	32.7	32.7	32.7	32.6	32.6	32.5	32.5	32.5	32.5
5	32.4	32.5	32.5	32.6	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.5	32.3	32.2	32.2	32.1	32.1	32.1	32.1	32.4
6	32.1	32.2	32.2	32.2	32.2	32.3	32.2	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.3	32.3
7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.6	32.7	32.7	32.8	32.9	32.9	32.9	32.9	32.8	32.7	32.7	32.6	32.5	32.6
8	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.3	32.3	32.4	32.5	32.5	32.6	32.7	32.8	32.8	32.9	32.9	32.8	32.7	32.7	32.6	32.6	32.5	32.6
9	32.5	32.4	32.4	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.5	32.6	32.7	32.8	32.8	32.7	32.7	32.6	32.6	32.5	32.5	32.4	32.5
10	32.4	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.6	32.6	32.5	32.5	32.4
11	32.5	32.5	32.4	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.6	32.6	32.6	32.5	32.5	32.5	32.5	32.6	32.5	32.5	32.5	32.4	32.5
12	32.4	32.3	32.3	32.3	32.3	32.2	32.3	32.3	32.3	32.4	32,5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.6	32.6	32.5	32.5	32.4	32.3	32.5
13	32.3	32.3	32.2	32.3	32.3	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.2	32.2	32.2	32.2
14	32.2	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
15	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.3	32.4	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.3
16	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	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.2	32.2
17	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	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2
18	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	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2	32.2
19	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	32.3	32.3	32.3	32.3	32.3	32.2	32.2	32.2	32.2
20	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.5	32.5	32.5	32.4	32.4	32.4	32.4	32.4	32.4	32.3
21	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.7	32.8	32.7
22	32.7	32.8	32.7	32.8	32.8	32.8	32.8	32.8	32.7	32.7	32.7	32.9	33.1	33.1	33.2	33.3	33.3	33.3	33.4	33.4	33.4	33.5	33.5	33.4	33.0
23	33.5	33.3	33.2	33.0	32.9	32.8	32.7	32.6	32.6	32.7	32.7	32.8	32.9	33.1	33.2	33.4	33.5	33.5	33.5	33.6	33.6	33.5	33.4	33.4	33.1
24	33.2	33.2	33.1	33.1	32.9	32.9	32.8	32.7	32.7	32.8	32.8	33.1	33.3	33.6	33.9	34.1	34.2	34.3	34.3	34.4	34.4	34.5	34.5	34.5	33.6
25	34.5	34.4	34.3	34.1	34.1	33.9	33.7	33.6	33.5	33.6	33.7	33.9	34.2	34.4	34.6	34.8	35.1	35.2	35.2	35.2	35.2	35.3	35.3	35.4	34.5
26	35.4	35.5	35.5	35.5	35.5	35.4	35.3	35.2	35.1	35.1	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.8	35.8	35.7	35.7	35.8	35.6	35.5
27	35.7	35.8	35.8	35.9	35.9	35.8	35.7	35.6	35.6	35.6	35.7	35.8	36.0	36.2	36.4	36.6	36.7	36.8	36.8	36.8	36.8	36.7	36.6	36.5	36.2
28	36.4	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.2	36.2	36.1	36.1	36.2	36.3	36.4	36.4	36.5	36.5	36.6	36.6	36.6	36.6	36.5	36.4	36.4
29	36.3	36.3	36.2	36.2	36.2	36.3	36.3	36.4	36.5	36.4	36.4	36.3	36.3	36.2	36.2	36.1	36.1	35.9	35.9	35.9	35.9	35.7	35.6	35.5	36.1
30	35.4	35.4	35.4	35.4	35.3	35.2	35.1	35.1	35.1	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	35.9	35.9	35.8	35.8	35.8	35.7	35.5
31	35.7	35.7	35.6	35.5	35.5	35.5	35.5	35.5	35.6	35.7	35.9	35.9	36.1	36.2	36.3	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.5	36.5	36.0

MONTHLY AVERAGE 33.2

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

APRIL 1984

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	36.5	36.5	36.6	36.6	36.7	36.8	36.8	36.8	36.9	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.0	38.0	38.1	38.2	38.2	38.3	38.3	38.3	37.4
2	38.2	38.1	38.0	38.0	37.9	37.9	37.9	37.9	38.1	38.2	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.4	39.5	39.6	39.6	39.6	39.5	39.5	38.7
3	39.4	39.4	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.3	39.3	39.3	39.4	39.6	39.8	40.1	40.4	40.6	40.7	40.8	40.8	40.7	40.6	40.5	39.8
4	40.3	40.1	39.9	39.7	39.5	39.4	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.3	39.3	39.3	39.2	39.1	39.0	39.0	39.0	39.0	39.0	39.0	39.4
5	39.0	39.1	39.1	39.2	39.1	39.1	39.1	39.0	39.0	38.9	38.8	38.6	38.5	38.3	38.1	37.9	37.6	37.2	36.9	36.7	36.5	36.6	36.7	36.8	38.2
6	36.8	36.8	36.8	36.9	36.9	37.0	36.9	36.9	37.0	37.0	37.0	37.1	37.3	37.5	37.7	37.9	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.2	37.5
7	38.2	38.1	38.1	38.0	37.9	37.9	37.8	37.7	37.7	37.6	37.6	37.7	37.8	37.8	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	37.9	37.8	37.9
8	37.6	37.5	37.4	37.3	37.2	37.1	37.0	36.9	36.9	36.9	37.0	37.1	37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.5	37.4	37.3	37.2	37.3
9	37.0	36.9	36.8	36.7	36.5	36.4	36.3	36.3	36.4	36.4	36.6	36.7	36.9	37.2	37.4	37.6	37.6	37.6	37.6	37.5	37.4	37.3	37.2	37.0	37.0
10	36.9	36.9	36.8	36.7	36.6	36.5	36.5	36.4	36.4	36.6	36.6	36.9	37.0	37.2	37.3	37.4	37.4	37.4	37.3	37.3	37.2	37.1	37.0	36.9	36.9
11	36.8	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	37.1	37.3	37.6	37.7	37.9	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	37.6
12	38.6	38.6	38.5	38.4	38.4	38.3	38.3	38.2	38.3	38.4	38.7	38.9	39.1	39.5	39.8	40.0	40.3	40.4	40.6	40.7	40.8	40.9	40.9	40.9	39.4
13	40.9	40.7	40.5	40.3	40.1	39.9	39.8	39.7	39.8	39.8	40.0	40.2	40.4	40.6	40.9	41.1	41.4	41.5	41.7	41.9	42.0	42.1	42.1	42.0	40.8
14	42.0	42.0	41.8	41.7	41.5	41.5	41.4	41.4	41.4	41.4	41.5	41.6	41.5	41.6	41.7	41.9	41.9	41.9	41.8	41.7	41.6	41.6	41.5	41.4	41.6
15	41.3	41.2	41.1	41.0	40.9	40.9	40.9	40.9	41.0	41.1	41.2	41.3	41.4	41.3	41.3	41.3	41.3	41.2	41.1	40.9	40.8	40.7	40.6	40.6	41.1
16	40.5	40.4	40.4	40.4	40.3	40.3	40.3	40.2	40.2	40.1	40.1	40.1	40.0	40.1	40.0	40.0	39.9	39.8	39.8	39.7	39.6	39.6	39.5	39.5	40.0
17	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.6	39.7	39.9	40.0	40.3	40.5	40.7	40.7	40.8	40.8	40.7	40.5	40.4	40.3	40.0
18	40.3	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.8	41.0	41.3	41.5	41.8	42.0	43.0	43.1	42.9	42.8	42.6	42.5	42.5	42.5	41.5
19	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.5	42.4	42.4	42.4	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.5	42.5	42.5	42.6	42.6	42.5
20	42.5	42.5	42.6	42.6	42.5	42.4	42.3	42.3	42.2	42.2	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.5
21	42.6	42.6	42.5	42.5	42.5	42.5	42.4	42.4	42.4	42.3	42.4	42.4	42.6	42.6	42.7	42.8	42.9	42.8	42.8	42.6	42.6	42.4	42.3	42.1	42.5
22	41.9	41.7	41.5	41.4	41.3	41.1	41.0	40.9	40.9	41.0	41.2	41.4	41.6	41.9	42.2	42.5	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.8	41.9
23	42.7	42.7	42.6	42.5	42.4	42.2	42.0	41.9	41.9	42.0	42.2	42.3	42.5	42.7	42.8	43.0	43.1	43.1	43.2	43.2	43.2	43.3	43.4	43.5	42.7
24	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.6	43.7	43.6	43.5	43.5	43.5	43.4	43.4	43.4	43.3	43.4	43.4	43.3	43.4	43.4	43.4	43.5
25	43.5	43.5	43.6	43.7	43.7	43.7	43.8	43.8	43.7	43.7	43.7	43.6	43.6	43.7	43.7	43.7	43.7	43.6	43.6	43.6	43.6	43.6	43.6	43.5	43.6
26	43.5	43.5	43.4	43.5	43.4	43.3	43.3	43.3	43.3	43.4	43.4	43.6	43.9	44.2	44.5	44.8	45.0	45.2	45.2	45.2	45.3	45.2	45.2	45.0	44.2
27	45.0	45.0	44.9	44.8	44.6	44.5	44.4	44.4	44.4	44.5	44.8	45.0	45.4	45.7	46.0	46.3	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	45.6
28	46.9	46.8	46.7	46.6	46.5	46.4	46.2	46.1	46.1	46.2	46.4	46.6	46.9	47.2	47.5	47.8	48.1	48.3	48.5	48.5	48.6	48.5	48.5	48.5	47.3
29	48.6	48.7		48.6	48.6	48.5	48.3	48.2	48.1	48.1	48.2	48.4	48.6	48.9	49.2	49.5	49.8	50.0	50.1	50.2	50.3	50.3	50.3	50.2	49.1
30	50.2	50.2	50.3	50.4	50.4	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.5	50.7	50.8	50.9	51.0	51.1	51.2	51.1	51.2	51.2	51.3	51.4	50.7

MONTHLY AVERAGE 41.3

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

MAY 1984

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	51.4	51.5	51.5	51.5	51.4	51.3	51.2	51.1	51.1	51.1	51.2	51.4	51.5	51.7	51.9	52.0	52.0	52.1	52.1	52.0	51.9	51.7	51.5	51.4	51.6
2	51.3	51.3	51.3	51.3	51.2	51.1	51.0	50.9	50.8	50.8	50.8	50.8	50.7	50.7	50.7	50.6	50.6	50.6	50.5	50.3	50.1	50.0	49.9	49.8	50.7
3	49.8	49.7	49.6	49.5	49.3	49.2	49.1	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.3
4	49.5	49.5	49.5	49.5	49.5	49.4	49.2	49.1	49.0	48.7	48.5	48.3	48.2	48.1	48.0	47.9	47.8	47.8	47.7	47.6	47.5	47.4	47.3	47.2	48.4
5	47.1	47.1	47.1	47.1	47.1	47.0	46.9	46.8	46.7	46.6	46.6	46.6	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.7	46.6	46.5	46.3	46.2	46.8
6	46.1	46.1	46.0	45.9	45.8	45.7	45.6	45.5	45.5	45.5	45.6	45.8	46.1	46.3	46.6	46.9	47.2	47.4	47.5	47.5	47.6	47.5	47.5	47.5	46.4
7	47.4	47.4	47.4	47.3	47.2	47.0	46.9	46.8	46.9	46.9	47.1	47.2	47.5	47.8	48.1	48.5	48.9	49.1	49.3	49.4	49.4	49.3	49.3	49.3	48.0
8	49.3	49.3	49.4	49.4	49.4	49.4	49.3	49.3	49.2	49.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	48.9	48.9	48.8	48.8	48.8	48.8	49.1
9	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.0	49.1	49.3	49.5	49.7	50.0	50.1	50.3	50.5	50.5	50.4	50.3	50.3	50.2	50.1	49.5
10	50.0	49.9	49.8	49.8	49.7	49.5	49.4	49.2	49.1	49.1	49.0	49.2	49.3	49.6	49.8	50.1	50.4	50.6	50.6	50.6	50.5	50.5	50.5	50.5	49.9
11	50.5	50.5	50.4	50.3	50.2	50.1	50.0	49.9	49.8	49.7	49.8	49.8	50.0	50.3	50.5	50.7	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	50.5
12	51.2	51.2	51.2	51.2	51.3	51.3	51.4	51.3	51.3	51.2	51.1	51.1	51.1	51.0	51.0	51.0	51.0	51.1	51.0	50.9	50.8	50.8	50.7	50.5	51.1
13	50.4	50.3	50.1	50.0	50.0	50.0	49.9	49.9	49.9	50.0	50.1	50.2	50.4	50.7	50.9	51.1	51.2	51.3	51.3	51.2	51.2	51.1	51.0	51.0	50.6
14	51.0	50.9	50.9	50.8	50.8	50.7	50.5	50.4	50.3	50.3	50.3	50.2	50.2	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.5	50.5	50.4	50.3	50.5
15	50.1	50.0	49.8	49.6	49.3	49.2	49.0	48.9	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.1	49.3	49.3	49.3	49.3	49.2	49.0	48.9	49.3
16	48.8	48.8	48.8	48.7	48.5	48.3	48.4	48.5	48.6	48.7	48.7	48.9	49.0	49.0	49.1	49.1	49.2	49.3	49.2	49.2	49.1	49.0	48.9	48.8	48.9
17	48.6	48.5	48.4	48.2	48.0	47.9	47.7	47.6	47.5	47.5	47.6	47.7	47.9	48.0	48.2	48.4	48.6	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.3
18	48.8	48.7	48.6	48.5	48.4	48.3	48.1	48.0	47.9	48.0	48.1	48.3	48.4	48.5	48.7	48.9	49.1	49.2	49.4	49.5	49.6	49.7	49.8	49.9	48.8
19	50.0	50.0	50.0	50.0	49.9	49.9	49.9	49.8	49.7	49.7	49.7	49.7	49.6	49.7	49.7	49.8	49.9	50.1	50.1	50.2	50.2	50.3	50.4	50.4	49.9
20	50.4	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.7	50.8	51.0	51.1	51.3	51.6	51.9	52.1	52.3	52.4	52.5	52.6	52.5	52.4	52.4	52.3	51.4
21	52.2	52.2	52.2	52.2	52.2	52.2	52.1	51.9	51.8	51.9	52.0	52.3	52.7	53.0	53.4	53.7	54.0	54.3	54.4	54.4	54.4	54.5	54.5	54.5	53.0
22	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.4	54.4	54.3	54.4	54.4	54.6	54.8	55.1	55.4	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.1	55.0
23	56.1	56.2	56.2	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.8	56.9	57.2	57.4	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.0	57.1
24	57.9	57.8	57.7	57.6	57.6	57.5	57.3	57.2	57.1	57.0	57.1	57.2	57.5	57.7	57.9	58.1	58.4	58.7	58.9	59.0	59.1	59.1	59.1	59.1	58.0
25	59.0	59.0	58.9	58.9	58.9	59.0	59.0	59.0	58.9	58.9	58.9	59.0	59.1	59.3	59.7	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.4	59.5
26	60.4	60.4	60.4	60.4	60.5	60.6	60.6	60.6	60.5	60.5	60.5	60.7	60.9	60.9	60.9	61.0	61.1	61.2	61.2	61.2	61.1	61.1	61.0	60.8	60.8
27	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.6	60.5	60.6	60.6	60.7	60.8	61.0	61.2	61.4	61.5	61.6	61.6	61.7	61.6	61.5	61.5	61.0
28	61.4	61.4	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.3	61.3	61.2	61.2	61.1	61.0	60.9	60.8	60.6	60.4	60.3	60.2	60.0	61.1
29	59.9	59.7	59.5	59.3	59.1	58.8	58.7	58.5	58.2	57.9	57.4	57.0	56.7	56.5	55.9	55.4	55.2	55.1	54.9	54.5	54.1	53.7	53.5	53.4	56.8
30	53.2	53.0	52.8	52.7	52.7	52.8	52.8	52.7	52.6	52.4	52.3	52.2	52.0	51.9	51.7	51.5	51.3	51.1	51.1	51.0	50.9	51.0	51.0	50.9	52.0
31	50.8	50.8	50.7	50.7	50.6	50.5	50.5	50.4	50.3	50.2	50.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.9	49.9	49.9	49.9	50.2
																								MONTHLY AVERAGE	52.0

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

JUNE 1984

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	49.8	49.8	49.7	49.6	49.6	49.5	49.4	49.4	49.4	49.4	49.6	49.8	49.9	50.0	50.1	50.2	50.4	50.5	50.5	50.7	50.8	50.8	50.9	50.9	50.0
2	50.9	50.9	50.9	50.9	50.9	50.8	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.2	51.2	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.1
3	51.7	51.7	51.7	51.7	51.7	51.7	51.6	51.7	51.7	51.8	51.8	52.0	52.2	52.4	52.5	52.5	52.5	52.6	52.7	52.8	52.9	52.9	52.9	52.9	52.2
4	52.9	52.8	52.8	52.8	52.7	52.7	52.7	52.7	52.7	52.9	53.0	53.2	53.4	53.7	53.9	54.1	54.4	54.6	54.7	54.8	54.8	54.7	54.6	54.5	53.6
5	54.3	54.2	54.0	54.0	53.9	53.7	53.7	53.6	53.7	53.8	53.9	54.1	54.5	54.7	55.1	55.5	55.7	55.9	56.0	56.0	55.9	55.8	55.7	55.6	54.7
6	55.4	55.4	55.4	55.3	55.3	55.3	55.2	55.2	55.2	55.3	55.4	55.5	55.4	55.5	55.7	55.7	55.8	55.9	55.9	55.9	55.8	55.8	55.7	55.5	55.5
7	55.5	55.4	55.4	55.3	55.3	55.3	55.2	55.3	55.3	55.4	55.7	55.9	56.1	56.5	56.9	57.0	57.1	57.1	57.3	57.3	57.2	57.2	57.2	56.8	56.2
8	56.4	56.3	56.2	56.2	56.2	56.2	56.3	56.4	56.5	56.5	56.7	56.8	56.9	57.3	57.5	57.7	58.0	58.1	58.1	58.1	58.0	57.8	57.7	57.6	57.1
9	57.4	57.4	57.4	57.3	57.3	57.3	57.1	57.3	57.4	57.6	58.0	58.5	59.0	59.4	59.6	59.9	60.4	60.5	60.5	60.5	60.5	60.5	60.2	60.1	58.8
10	59.9	59.8	59.8	59.8	59.7	59.5	59.5	59.4	59.4	59.8	60.0	60.2	60.5	60.9	61.4	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.3	60.8
11	62.3	62.2	62.0	62.0	61.8	61.7	61.6	61.4	61.3	61.3	61.4	61.7	61.9	62.2	62.6	62.9	63.2	63.4	63.6	63.8	63.7	63.6	63.6	63.5	62.4
12	63.5	63.4	63.4	63.5	63.6	63.7	63.6	63.6	63.6	63.5	63.7	63.9	64.1	64.5	64.9	65.2	65.4	65.6	65.8	66.0	65.9	65.6	65.4	65.3	64.4
13	65.1	65.0	64.9	64.9	64.9	64.9	65.0	65.1	65.3	65.4	65.6	66.1	66.1	66.1	66.4	66.8	66.8	67.1	67.2	67.2	67.3	67.3	67.2	67.2	66.0
14	67.1	67.1	67.0	67.1	67.1	67.2	67.1	67.0	66.9	66.7	66.6	66.7	66.7	66.9	67.1	67.4	67.7	67.9	68.0	68.0	68.0	67.9	67.9	67.7	67.3
15	67.5	67.3	67.1	66.9	66.8	66.7	66.6	66.5	66.5	66.6	66.7	66.9	67.0	67.2	67.3	67.5	67.5	67.5	67.4	67.4	67.3	67.3	67.3	67.2	67.1
16	67.1	67.1	67.0	66.9	66.8	66.7	66.6	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.2	67.3	67.4	67.5	67.5	67.5	67.3	67.1	67.0	66.9	67.0
17	66.8	66.7	66.6	66.6	66.5	66.4	66.5	66.5	66.5	66.4	66.5	66.5	66.5	66.7	66.8	67.0	67.0	67.3	67.5	67.5	67.4	67.4	67.5	67.7	66.9
18	67.8	67.9	67.8	67.8	67.8	67.7	67.7	67.7	67.7	67.7	67.6	67.5	67.2	66.9	66.6	66.2	66.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	67.0
19	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.3	66.3	66.2	66.1	66.1	66.1	66.1	66.2	66.3	66.8	66.8	66.8	66.8	66.6	66.4	66.3
20	66.4	66.4	66.4	66.5	66.6	66.5	66.4	66.4	66.4	66.5	66.7	66.8	66.9	67.3	67.8	68.3	68.5	68.5	68.5	68.5	68.3	68.1	68.0	67.9	67.3
21	67.8	67.7	67.5	67.4	67.3	67.2	67.1	67.0	66.9	66.9	67.0	67.0	67.1	67.3	67.5	67.9	68.0	68.4	68.3	68.3	68.4	68.4	68.3	68.2	67.6
22	68.1	68.1	68.0	67.9	67.8	67.8	67.6	67.6	67.5	67.5	67.2	67.1	67.1	67.2	67.4	67.4	67.6	67.8	67.9	68.3	68.2	68.4	68.4	68.4	67.8
23	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.7	68.8	68.9	69.0	69.0	69.1	69.5	69.3	69.4	69.3	69.3	69.2	69.2	69.3	69.5	69.6	69.0
24	69.4	69.2	69.1	69.0	68.9	68.7	68.5	68.4	68.3	68.2	68.0	68.0	68.0	68.0	67.9	67.9	68.1	68.3	68.3	68.2	68.3	68.3	68.4	68.4	68.4
25	68.3	68.2	68.0	67.9	67.8	67.8	67.6	67.6	67.4	67.3	67.5	67.7	67.7	67.8	68.0	68.1	68.0	67.9	67.7	67.6	67.6	67.5	67.4	67.4	67.7
26	67.4	67.3	67.3	67.3	67.2	67.2	67.2	67.2	67.3	67.4	67.4	67.3	67.4	67.7	68.2	68.1	68.2	68.4	68.5	68.5	68.4	68.4	68.5	68.5	67.8
27	68.5	68.6	68.5	68.4	68.4	68.2	68.1	67.9	67.7	67.5	67.4	67.4	67.4	67.7	67.9	68.3	68.7	68.9	69.0	69.0	68.9	68.6	68.3	68.0	68.2
28	67.7	67.6	67.5	67.4	67.4	67.3	67.3	67.2	67.2	67.2	67.2	67.2	67.4	67.6	68.1	68.5	69.0	69.2	69.5	69.7	69.9	69.9	70.0	69.9	68.2
29	69.8	69.8	69.7	69.6	69.4	69.3	69.3	69.3	69.3	69.2	69.1	69.2	69.3	69.5	69.9	70.1	70.2	70.7	70.7	70.8	70.7	70.6	70.3	70.2	69.8
30	70.0	69.8	69.8	69.6	69.4	69.3	69.3	69.2	69.0	68.9	69.0	69.1	69.2	69.3	69.5	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.1	69.6
																								MONTHLY AVERAGE	63.2

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

JULY 1984

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	70.0	70.0	69.9	69.8	69.8	69.8	69.8	69.7	69.7	69.5	69.5	69.4	69.4	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.4	69.4	69.6
2	69.5	69.4	69.4	69.3	69.3	69.2	69.1	69.0	68.9	68.9	69.0	69.3	69.5	69.9	70.2	70.7	70.8	70.8	70.9	71.0	70.9	70.8	70.8	70.8	69.9
3	70.8	70.7	70.7	70.7	70.5	70.2	70.2	70.2	70.2	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.7	70.7	70.7	70.7	70.6
4	70.6	70.6	70.6	70.6	70.5	70.5	70.5	70.3	70.3	70.5	70.6	70.8	70.9	71.0	71.1	71.3	71.3	71.2	71.2	71.4	71.5	71.5	71.5	71.6	70.9
5	71.6	71.6	71.6	71.4	71.5	71.3	71.3	71.3	71.4	71.5	71.7	71.7	71.4	71.4	71.5	71.6	71.5	71.5	71.3	71.2	70.9	70.8	70.8	70.8	71.4
6	70.8	70.7	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8	71.2	71.3	71.3	71.3	71.1	71.0	71.0	71.0	71.0	71.1	71.1	70.9
7	71.1	71.1	71.0	70.9	70.8	70.6	70.6	70.2	70.0	69.8	69.6	69.4	69.4	69.4	69.5	69.5	69.3	69.3	69.1	69.1	69.1	69.0	68.9	68.8	69.8
8	68.7	68.6	68.2	68.0	67.8	67.6	67.6	67.5	67.5	67.6	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.8	67.8	67.7	67.6	67.6	67.6	67.6	67.8
9	67.6	67.6	67.5	67.3	67.0	67.0	66.8	66.7	66.5	66.3	66.2	66.4	66.5	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.8
10	66.9	66.9	66.8	66.6	66.6	66.5	66.2	66.0	65.7	65.7	65.7	65.9	66.2	66.5	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.5
11	66.9	66.9	66.8	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.0	66.9	66.8	66.7	66.6	66.4	66.3	66.2	66.1	66.0	65.9	65.9	66.7
12	65.8	65.7	65.6	65.6	65.5	65.5	65.4	65.4	65.5	65.6	65.7	65.8	66.0	66.2	66.4	66.6	66.8	67.0	67.2	67.3	67.3	67.3	67.3	67.3	66.2
13	67.3	67.2	67.2	67.1	67.0	66.9	66.8	66.8	66.7	66.7	66.8	66.9	67.1	67.3	67.5	67.7	67.9	68.0	68.0	67.9	67.9	67.7	67.7	67.6	67.3
14	67.5	67.4	67.4	67.3	67.3	67.3	67.4	67.6	67.8	68.0	68.2	68.4	68.6	68.8	69.0	69.2	69.5	69.7	69.9	69.8	69.8	69.8	69.7	69.7	68.5
15	69.6	69.6	69.5	69.5	69.5	69.4	69.2	69.1	69.1	69.1	69.3	69.5	69.7	69.9	70.4	70.5	70.3	70.6	71.0	71.2	71.3	71.4	71.2	71.2	70.0
16	71.1	71.0	70.9	70.9	71.0	70.9	70.9	70.9	70.9	70.8	70.6	70.5	70.5	70.6	70.7	70.9	71.1	71.3	71.4	71.5	71.6	71.8	71.9	72.2	71.1
17	72.2	72.1	71.9	71.7	71.6	71.5	71.3	71.0	70.9	70.7	70.5	70.5	70.6	70.9	71.2	71.4	71.6	71.8	72.2	72.0	72.2	72.2	72.3	72.2	71.5
18	72.3	72.2	72.1	72.1	72.0	72.0	72.0	72.0	71.8	71.6	71.6	71.5	71.3	71.3	71.3	71.2	71.4	71.6	71.7	71.8	71.8	71.8	71.7	71.6	71.7
19	71.6	71.5	71.4	71.4	71.3	71.0	70.9	70.9	70.9	71.0	71.0	71.1	71.3	71.3	71.5	71.8	71.9	72.2	72.2	72.2	71.9	71.8	71.6	71.4	71.5
20	71.4	71.1	70.6	70.5	70.4	70.4	70.4	70.3	70.4	70.4	70.4	70.5	70.8	71.1	71.5	71.7	71.9	72.0	72.1	72.0	71.9	71.8	71.6	71.4	71.1
21	71.1	70.9	70.6	70.4	70.4	70.4	70.3	70.1	70.0	69.9	69.8	70.0	70.3	70.4	70.5	70.7	71.0	71.0	71.1	71.1	71.0	71.0	70.9	70.8	70.6
22	70.6	70.6	70.5	70.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.7	70.8	71.0	71.2	71.3	71.4	71.5	71.6	71.6	71.7	70.8
23	71.8	71.9	71.8	71.8	71.8	71.7	71.7	71.8	71.8	71.8	71.8	71.6	71.7	71.9	72.2	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.6	73.1	72.1
24	73.2	73.2	73.2	73.2	72.9	72.6	72.6	72.6	72.6	72.7	72.8	72.7	72.7	72.8	72.9	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.4	73.0
25	73.4	73.3	73.3	73.2	73.1	73.1	73.0	73.0	73.0	72.9	72.8	72.6	72.7	73.0	73.0	73.1	73.2	73.3	73.3	73.2	73.2	73.2	73.1	73.1	73.1
26	73.1	73.0	73.0	72.9	72.9	72.9	72.8	72.8	72.9	73.0	72.9	72.7	72.7	72.7	72.9	73.0	73.0	73.1	73.1	73.2	73.1	73.0	73.1	73.1	73.0
27	73.1	73.1	73.1	73.1	73.1	73.1	73.0	72.9	72.9	72.8	72.8	72.8	72.8	72.6	72.3	72.0	72.1	72.4	72.4	72.4	72.5	72.5	72.5	72.4	72.7
28	72.4	72.3	72.4	72.2	72.2	72.1	72.1	72.0	71.9	71.9	71.8	71.7	71.7	71.7	71.6	71.6	71.6	71.6	71.6	71.6	71.4	71.6	71.6	71.7	71.8
29	71.5	71.4	71.3	71.2	71.2	71.2	71.1	71.1	71.0	70.9	70.8	70.7	70.6	70.4	70.4	70.3	70.2	70.2	70.3	70.4	70.3	70.6	71.0	70.6	70.8
30	70.5	70.3	70.4	70.6	70.6	70.8	70.7	70.5	70.8	71.1	70.9	70.7	70.7	70.9	71.0	71.0	70.9	70.9	70.9	70.8	70.9	70.9	70.8	70.8	70.8
31	70.9	71.1	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.5	71.4	71.6	71.8	72.1	72.4	72.4	72.2	72.0	72.2	72.2	72.2	72.4	71.6
																								MONTHLY AVERAGE	70.3

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

AUGUST 1984

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	72.4	72.2	72.5	72.5	72.5	72.5	72.5	72.4	72.4	72.3	72.3	72.3	72.4	72.6	72.7	72.9	73.0	73.4	73.6	73.7	73.7	73.6	73.6	73.7	72.8
2	73.7	73.7	73.6	73.6	73.6	73.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	73.8
3	74.2	74.1	74.0	73.9	73.8	73.8	73.8	73.7	73.7	73.8	73.8	73.8	73.7	73.6	73.8	73.9	74.1	74.2	74.3	74.4	74.3	74.3	74.2	74.2	74.0
4	74.2	74.0	73.9	73.8	73.8	73.7	73.6	73.4	73.4	73.2	73.0	72.9	73.4	73.4	73.4	73.4	73.3	73.4	73.3	73.3	73.2	73.1	73.2	73.0	73.4
5	73.1	73.1	73.2	73.2	73.2	73.3	73.5	73.5	73.1	73.2	73.5	73.6	73.5	73.6	73.5	73.3	73.4	73.4	73.4	73.4	73.5	73.6	73.6	73.7	73.4
6	73.8	73.6	73.3	73.5	73.5	73.6	73.5	73.4	73.5	73.7	73.8	74.1	74.2	74.7	74.9	75.2	75.5	76.0	76.3	76.3	76.2	76.2	76.2	76.2	74.6
7	76.1	76.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	75.9	75.9	76.0	76.3	76.4	76.7	76.8	76.8	76.8	76.6	76.8	76.7	76.2
8	76.6	76.6	76.6	76.6	76.6	76.5	76.5	76.5	76.5	76.6	76.7	76.7	76.6	76.7	76.7	76.8	76.9	77.2	77.5	77.4	77.4	77.4	77.4	77.4	76.8
9	77.3	77.2	77.1	77.1	77.0	77.0	76.9	76.9	76.9	76.8	76.8	76.8	76.8	76.8	76.9	77.1	77.3	77.3	77.3	77.2	77.1	77.1	77.1	77.0	77.0
10	77.0	77.0	76.9	76.9	76.9	76.9	76.8	76.8	76.8	76.7	76.8	76.7	76.7	76.8	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	76.9
11	77.1	77.1	77.0	77.0	77.0	77.0	76.9	77.0	77.0	76.9	77.0	77.0	76.9	76.8	76.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.9
12	76.8	76.9	76.8	76.8	76.9	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	76.9	76.9
13	76.9	77.0	76.8	76.7	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.1	76.9	76.9	76.9	77.0	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.4	77.1
14	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.3	77.3	77.1	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.4
15	77.4	77.5	77.5	77.4	77.4	77.4	77.3	77.4	77.4	77.3	77.3	77.3	77.2	77.0	77.2	77.4	77.3	77.1	77.0	77.0	77.0	77.0	77.1	77.2	77.3
16	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.1	77.1	77.3	77.5	77.6	77.7	77.8	77.8	77.7	77.8	77.7	77.7	77.7	77.4
17	77.6	77.7	77.6	77.6	77.5	77.5	77.4	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.6	77.8	77.7	77.6	77.7	77.7	77.6	77.6	77.5	77.4	77.6
18	77.3	77.3	77.2	77.1	77.1	77.1	76.9	76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.7	76.6	76.5	76.5	76.4	76.4	76.2	76.2	76.2	76.2	76.7
19	76.1	76.2	76.2	76.2	76.5	76.4	76.3	76.3	76.3	76.2	76.3	76.2	76.2	76.2	76.2	76.2	76.0	75.9	75.8	75.8	75.8	75.9	75.9	75.9	76.1
20	75.8	75.8	75.8	75.8	75.7	75.6	75.6	75.5	75.5	75.6	75.5	75.4	75.3	75.3	75.4	75.5	75.4	75.3	75.4	75.3	75.1	75.1	75.0	74.9	75.4
21	74.8	74.7	74.7	74.6	74.5	74.4	74.4	74.3	74.3	74.3	74.4	74.4	74.4	74.2	74.1	74.0	74.0	74.0	74.0	73.9	73.9	73.9	74.0	74.0	74.3
22	74.0	74.0	74.0	74.0	74.0	74.1	74.0	74.2	74.1	74.1	74.0	74.2	74.1	74.1	74.1	74.2	74.2	74.3	74.4	74.3	74.2	74.2	74.3	74.3	74.1
23	74.5	74.4	74.3	74.3	74.3	74.3	74.2	74.2	74.2	74.1	74.1	74.2	74.2	74.2	74.2	74.1	74.0	74.0	73.9	73.9	73.8	73.7	73.7	73.7	74.1
24	73.7	73.7	73.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.7	73.9	73.8	73.7	73.6	73.6	73.5	73.5	73.4	73.6
25	73.4	73.3	73.3	73.2	73.2	73.1	73.1	73.0	73.0	73.1	73.0	72.9	73.0	72.9	72.9	72.9	72.8	72.9	72.9	72.8	72.9	72.9	72.9	72.9	73.0
26	72.9	73.0	73.0	73.0	72.9	72.9	72.8	72.8	72.7	72.8	72.8	72.8	72.7	72.7	72.7	72.7	72.7	72.7	72.6	72.6	72.5	72.5	72.7	72.7	72.8
27	72.5	72.4	72.5	72.5	72.6	72.6	72.7	72.6	72.7	72.8	72.7	72.9	72.8	72.7	72.8	72.8	73.0	73.2	73.7	73.8	74.0	73.9	73.8	73.7	73.0
28	73.6	73.6	73.5	73.5	73.4	73.4	73.3	73.3	73.2	73.2	73.2	73.2	73.2	73.1	73.0	72.9	72.9	72.9	73.0	73.0	73.1	73.0	73.1	73.1	73.2
29	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.0	73.0	73.0	73.0	73.0	72.9	72.8	72.8	72.8	72.8	72.9	72.9	72.8	72.9	72.9	73.0
30	72.9	73.0	73.2	73.0	73.1	73.3	73.2	73.1	73.1	73.1	73.0	73.2	73.2	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.5	73.2
31	73.5	73.5	73.6	73.7	73.6	73.7	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.6	73.5	73.4	73.5	73.5	73.4	73.4	73.4	73.4	73.5	73.7	73.6

MONTHLY AVERAGE 75.0

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

SEPTEMBER 1984

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	73.8	73.8	73.7	73.7	73.6	73.6	73.5	73.5	73.5	73.5	73.4	73.5	73.6	73.8	73.8	73.7	73.8	73.8	73.8	73.7	73.6	73.6	73.5	73.4	73.6
2	73.4	73.3	73.3	73.2	73.1	73.1	73.0	72.9	72.9	72.9	72.9	73.0	72.9	72.9	72.9	72.9	72.9	72.8	72.6	72.6	72.7	72.7	72.7	72.7	72.9
3	72.6	72.5	72.5	72.4	72.4	72.3	72.3	72.3	72.3	72.2	72.2	72.2	72.2	72.0	71.9	71.7	71.6	71.5	71.4	71.4	71.3	71.1	71.0	70.9	71.9
4	70.9	70.8	70.8	70.7	70.6	70.6	70.5	70.5	70.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.3	70.3	70.2	70.2	70.5
5	70.2	70.1	70.1	70.1	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.0	69.7	69.8	70.0	70.2	70.1	70.0	69.9	69.8	69.8	69.6	69.6	69.5	70.0
6	69.4	69.3	69.3	69.3	69.3	69.2	69.2	69.2	69.2	69.2	69.3	69.1	69.1	69.3	69.3	69.4	69.3	69.3	69.2	69.1	69.0	68.9	68.8	68.7	69.2
7	68.6	68.6	68.5	68.4	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.3	68.2	68.1	68.0	67.9	67.9	67.8	67.8	67.8	68.2
8	67.9	67.9	67.8	67.8	67.7	67.6	67.6	67.6	67.5	67.5	67.4	67.3	67.3	67.3	67.3	67.1	67.0	66.8	66.7	66.5	66.6	66.6	66.6	66.7	67.3
9	66.7	66.7	66.7	66.9	66.8	66.7	66.8	66.7	66.6	66.7	66.7	66.6	66.7	66.6	66.6	66.7	66.7	66.8	66.7	66.7	66.6	66.7	66.8	66.9	66.7
10	66.9	67.2	67.1	67.1	67.1	67.0	67.0	66.9	66.7	66.7	67.0	66.9	67.0	67.0	67.1	67.1	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.0
11	67.2	67.3	67.3	67.3	67.2	67.3	67.3	67.3	67.4	67.5	67.6	67.6	67.5	67.6	67.7	67.8	67.9	67.9	67.9	68.1	68.2	68.1	68.2	68.1	67.6
12	68.1	68.0	68.1	68.3	68.5	68.5	68.5	68.5	68.4	68.4	68.4	68.4	68.5	68.6	68.6	68.8	68.7	68.8	68.7	68.6	68.6	68.6	68.5	68.5	68.5
13	68.4	68.3	68.3	68.2	68.2	68.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	67.9	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
14	68.1	68.1	68.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	67.9	67.8	67.7	67.6	67.5	67.7	67.9	68.0	68.5	68.4	68.4	68.4	68.3	68.3	68.0
15	68.2	68.1	68.1	68.0	67.9	67.8	67.7	67.6	67.6	67.6	67.5	67.3	67.3	67.1	67.0	66.9	66.9	66.9	66.8	66.8	66.7	66.6	66.5	66.5	67.3
16	66.4	66.3	66.2	66.1	66.0	65.9	65.8	65.6	65.6	65.6	65.6	65.5	65.4	65.4	65.4	65.3	65.3	65.3	65.3	65.3	65.5	65.4	65.3	65.1	65.6
17	65.0	64.9	64.9	64.8	64.7	64.6	64.5	64.4	64.4	64.4	64.4	64.3	64.3	64.3	64.3	64.2	64.2	64.0	63.8	63.8	63.7	63.8	63.8	63.7	64.3
18	63.6	63.6	63.9	63.8	63.9	63.8	64.0	64.0	64.0	64.0	63.9	63.9	63.9	63.9	63.9	63.8	63.6	63.6	63.5	63.6	63.6	63.7	63.8	63.9	63.8
19	63.9	63.9	63.9	64.0	63.9	64.0	64.0	64.0	63.9	63.8	63.8	63.8	63.8	63.8	63.8	63.7	63.6	63.6	63.5	63.5	63.7	63.6	63.6	63.7	63.8
20	63.7	63.6	63.6	63.8	63.8	63.8	63.7	63.7	63.7	63.7	63.7	63.7	63.6	63.6	63.6	63.6	63.5	63.4	63.4	63.4	63.6	63.7	63.5	63.5	63.6
21	63.6	63.6	63.7	63.7	63.5	63.6	63.7	63.8	64.0	64.1	64.1	64.1	64.3	64.2	64.5	64.4	64.3	64.3	64.3	64.3	64.2	64.1	64.0	64.0	64.0
22	63.9	63.9	63.8	63.7	63.7	63.6	63.5	63.5	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.4	63.2	63.2	63.3	63.4	63.5	63.5	63.5	63.4	63.5
23	63.4	63.4	63.3	63.5	63.7	63.6	63.6	63.7	63.6	63.7	63.7	63.6	63.7	63.8	63.8	63.8	63.7	63.7	63.7	63.7	63.8	63.9	64.0	64.1	63.7
24	64.0	64.0	64.1	63.9	64.2	64.3	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.6	64.8	64.8	64.9	64.9	65.5	65.2	64.7	64.8	64.5
25	64.9	65.0	65.0	65.1	65.0	65.1	65.2	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.4	65.5	65.8	65.9	66.1	66.5	66.4	66.0	66.1	65.4
26	66.3	66.3	66.3	66.3	66.2	66.0	66.0	65.9	65.8	65.9	65.8	65.7	65.7	65.9	66.1	66.0	66.0	66.0	65.9	65.7	65.6	65.5	65.4	65.2	65.9
27	65.0	65.0	64.9	64.6	64.6	64.5	64.4	64.4	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.4	64.4	64.3	64.3	64.2	64.3	64.3	64.3	64.5
28	64.3	64.2	64.2	64.1	64.1	64.1	64.0	64.0	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.0	64.0	64.0	64.0	64.1	64.1
29	64.0	64.0	64.0	63.9	63.9	63.8	63.9	63.9	63.8	63.8	63.8	63.9	63.9	63.9	63.8	63.8	63.7	63.7	63.6	63.6	63.5	63.4	63.3	63.2	63.8
30	63.2	63.1	63.0	63.0	63.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.8	62.8	62.8	62.7	62.5	62.4	62.3	62.3	62.3	62.8

MONTHLY AVERAGE 66.7

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

OCTOBER 1984

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	62.2	62.2	62.2	62.1	62.0	62.0	61.9	61.8	61.8	61.7	61.7	61.7	61.6	61.6	61.5	61.2	60.7	60.4	60.4	60.3	60.3	60.1	60.2	60.2	61.3
2	60.2	60.1	60.1	60.0	59.9	59.9	59.7	59.6	59.7	59.7	59.6	59.4	59.3	59.4	59.3	59.4	59.5	59.5	59.5	59.5	59.3	59.1	59.0	59.1	59.6
3	59.1	59.0	59.0	58.9	58.9	58.8	58.8	58.7	58.7	58.7	58.8	58.8	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.6	58.3	58.1	58.1	58.1	58.7
4	58.2	58.2	58.1	58.1	58.0	57.9	57.8	57.7	57.5	57.4	57.3	57.2	57.1	57.0	57.3	57.4	57.5	57.5	57.5	57.6	57.7	57.5	57.4	57.2	57.6
5	57.1	57.0	56.9	56.9	56.8	56.7	56.7	56.6	56.6	56.5	56.5	56.4	56.5	56.5	56.6	56.6	56.7	56.6	56.5	56.4	56.1	56.0	56.0	55.9	56.5
6	55.7	55.7	55.6	55.6	55.5	55.4	55.3	55.3	55.2	55.2	55.2	55.2	55.1	55.0	55.0	54.9	54.9	54.9	54.8	54.7	54.7	54.6	54.6	54.6	55.1
7	54.5	54.5	54.5	54.4	54.4	54.3	54.3	54.2	54.0	54.0	54.0	53.9	53.9	53.7	53.7	53.6	53.5	53.5	53.5	53.5	53.6	53.8	53.6	53.7	53.9
8	53.8	53.8	53.9	53.8	53.8	53.8	53.7	53.8	53.8	53.6	53.4	53.3	53.0	52.7	52.6	52.5	52.6	52.8	52.8	52.8	52.7	52.7	52.9	53.1	53.2
9	53.1	53.0	53.0	53.0	53.0	52.9	52.9	52.8	52.8	52.7	52.6	52.6	52.6	52.6	52.6	52.5	52.5	52.6	52.5	52.5	52.8	53.0	53.1	53.2	52.8
10	53.2	53.2	53.1	53.0	53.1	53.0	53.1	53.0	53.0	52.9	53.0	52.9	53.0	53.2	53.3	53.5	53.7	53.9	54.0	54.1	54.1	54.1	54.1	54.1	53.4
11	54.1	54.0	54.0	53.9	53.9	53.9	54.0	54.0	54.1	54.2	54.2	54.3	54.3	54.2	54.3	54.4	54.5	54.9	55.1	55.1	55.2	55.3	55.3	55.3	54.4
12	55.2	55.2	55.1	55.1	55.1	55.1	55.0	55.0	54.9	54.9	54.9	55.1	54.9	55.0	55.2	55.1	55.0	54.9	54.8	54.9	55.2	54.9	54.9	54.9	55.0
13	54.9	55.1	55.4	55.3	55.4	55.4	55.4	55.3	55.3	55.3	55.3	55.4	55.5	55.6	55.5	55.4	55.4	55.4	55.3	55.3	55.2	55.3	55.3	55.2	55.3
14	55.1	55.2	55.2	55.1	55.1	55.0	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.4	55.5	55.3	55.4	55.4	55.3	55.3	55.2	55.2	55.1	55.1	55.2
15	55.0	54.9	54.8	54.7	54.7	54.7	54.6	54.6	54.7	54.7	54.8	54.9	54.8	54.9	54.9	54.8	54.8	54.8	54.8	54.8	54.9	54.8	54.8	54.8	54.8
16	54.8	54.8	54.8	54.7	54.6	54.6	54.5	54.5	54.4	54.5	54.5	54.6	54.7	54.6	54.5	54.4	54.3	54.3	54.2	54.3	54.4	54.5	54.3	54.2	54.5
17	54.3	54.4	54.6	54.5	54.5	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.3	54.3	54.2	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3
18	54.3	54.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.3	54.4	54.2
19	54.4	54.5	54.3	54.4	54.4	54.3	54.3	54.4	54.3	54.3	54.3	54.4	54.5	54.6	54.5	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.4
20	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.9	55.0	54.6
21	54.7	54.8	54.8	55.0	55.0	54.9	54.9	54.9	54.9	54.8	54.8	54.8	54.9	55.0	54.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
22	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.1	55.2	55.3	55.5	55.7	55.8	56.0	55.9	55.8	55.8	55.7	55.6	55.6	55.5	55.5	55.4	55.4
23	55.5	55.5	55.4	55.4	55.4	55.3	55.4	55.3	55.3	55.4	55.4	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.6	55.6	55.6	55.6	55.6	55.6	55.5
24	55.6	55.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.4	55.4	55.3	55.1	55.0	54.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.7	55.2
25	54.7	54.7	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.6	54.6	54.6	54.5	54.6	54.6	54.6	54.6	54.6	54.6
26	54.7	54.7	54.7	54.8	54.8	54.7	54.8	54.7	54.7	54.8	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.6	54.6	54.5	54.4	54.3	54.3	54.3	54.6
27	54.2	54.2	54.2	54.1	54.1	54.1	54.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	53.9	53.9	53.9	53.9	53.9	53.8	53.9	53.9	54.0
28	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.8	53.9	53.9	53.9	53.9	53.9	53.8	53.8	53.8	53.8	54.0	53.9	54.0	54.1	54.2	54.2	53.9
29	54.2	54.3	54.3	54.4	54.5	54.6	54.7	54.7	54.8	54.9	54.9	54.9	54.8	54.8	54.8	54.9	55.0	55.0	55.0	55.0	55.0	54.9	54.9	54.8	54.8
30	54.7	54.6	54.5	54.5	54.4	54.2	54.2	54.2	54.2	54.2	54.2	54.1	54.1	54.1	54.2	54.2	54.1	54.1	53.9	53.9	53.9	53.9	53.9	54.0	54.2
31	53.9	53.9	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.8	53.7	53.5	53.5	53.5	53.5	53.5	53.4	53.4	53.3	53.7
																							MONTHLY AVERAGE		55.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

NOVEMBER 1984

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	53.3	53.2	53.1	53.1	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.1	53.0	52.9	52.8	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.0
2	53.0	53.0	53.0	52.9	52.9	53.0	53.0	53.0	52.9	52.9	52.9	52.9	52.7	52.7	52.8	52.7	52.6	52.5	52.3	52.3	52.2	52.1	52.0	52.0	52.7
3	52.0	51.9	51.9	51.8	51.8	51.7	51.6	51.6	51.5	51.4	51.5	51.6	51.6	51.7	51.6	51.6	51.6	51.5	51.3	51.0	50.8	50.7	50.7	50.6	51.5
4	50.6	50.6	50.5	50.5	50.3	50.3	50.2	50.2	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.2	50.0	50.0	49.9	49.8	49.8	49.7	50.2
5	49.6	49.6	49.5	49.5	49.4	49.4	49.3	49.3	49.2	49.2	49.2	49.0	48.9	49.0	49.3	49.4	49.5	49.5	49.4	49.2	49.1	49.2	49.4	49.4	49.3
6	49.4	49.4	49.4	49.3	49.3	49.3	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.3	49.3	49.2	49.1	48.9	48.8	48.5	48.7	48.7	48.6	48.5	49.1
7	48.5	48.6	48.6	48.6	48.6	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.4	48.2	48.2	48.1	47.9	47.8	47.8	47.9	47.7	47.6	47.4	47.4	48.2
8	47.1	47.0	46.9	46.8	46.6	46.4	46.3	46.1	46.0	46.1	46.6	46.6	46.5	46.4	46.4	46.5	46.5	46.6	46.5	46.4	46.3	46.1	46.1	46.0	46.4
9	46.0	46.1	46.1	46.1	46.0	46.0	46.0	45.9	45.9	45.9	45.9	45.8	45.9	45.8	45.7	45.5	45.5	45.4	45.3	45.3	45.4	45.3	45.3	45.3	45.7
10	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.8	46.0	46.4	46.4	46.5	46.5	46.6	46.6	46.6	46.5	46.5	46.6	45.9
11	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.8	46.9	46.9	46.9	47.0	47.1	47.2	47.2	47.1	47.0	46.9	46.9	46.8
12	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	47.1	47.1	47.2	47.3	47.4	47.5	47.4	47.4	47.3	47.3	47.3	47.3	47.3	47.3	47.1
13	47.2	47.1	46.9	46.7	46.7	46.6	46.6	46.5	46.5	46.5	46.5	46.4	46.3	46.3	46.3	46.2	46.2	46.0	45.9	45.8	45.7	45.7	45.6	45.5	46.3
14	45.5	45.4	45.4	45.3	45.2	45.0	44.9	44.7	44.7	44.6	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.4	44.4	44.4	44.3	44.3	44.2	44.7
15	44.2	44.1	44.0	43.9	43.8	43.6	43.5	43.4	43.4	43.3	43.3	43.2	43.2	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.1	43.0	42.9	42.8	43.4
16	42.7	42.6	42.5	42.3	42.3	42.2	42.0	42.0	42.0	42.0	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.1	42.0	42.0	41.9	41.7	42.1
17	41.6	41.5	41.4	41.4	41.3	41.2	41.1	41.1	41.0	41.0	40.9	41.0	40.9	40.9	40.9	40.9	40.8	40.7	40.6	40.5	40.4	40.5	40.5	40.5	40.9
18	40.4	40.4	40.4	40.4	40.5	40.4	40.4	40.5	40.5	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.2	39.9	40.1	40.2	40.4
19	40.2	40.2	40.1	40.0	40.0	40.0	39.9	40.0	40.1	40.1	40.2	40.3	40.5	40.5	40.5	40.5	40.4	40.1	39.8	39.5	39.4	39.5	39.6	39.7	40.0
20	39.6	39.5	39.4	39.4	39.3	39.2	39.2	39.1	39.2	39.1	39.1	39.2	39.3	39.3	39.1	39.0	38.9	38.9	38.9	39.0	39.0	39.1	39.2	39.3	39.2
21	39.2	39.0	38.9	38.8	38.8	38.7	38.6	38.6	38.5	38.5	38.3	38.4	38.6	38.7	38.6	38.5	38.3	38.1	38.0	37.9	37.8	37.7	37.7	37.6	38.4
22	37.6	37.6	37.5	37.5	37.5	37.4	37.4	37.3	37.3	37.2	37.2	37.1	37.2	37.4	37.5	37.6	37.6	37.3	37.3	37.3	37.3	37.3	37.2	37.2	37.4
23	37.2	37.1	37.1	37.1	37.0	37.0	37.0	37.0	36.9	36.8	36.7	36.5	36.4	36.4	36.5	36.5	36.4	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.7
24	36.4	36.4	36.4	36.4	36.4	36.4	36.3	36.2	36.2	36.2	36.2	36.3	36.4	36.5	36.6	36.6	36.5	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4
25	36.3	36.3	36.3	36.3	36.4	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.4	36.4	36.4	36.4	36.3	36.4	36.4	36.4
26	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.6
27	36.8	36.7	36.6	36.7	36.6	36.6	36.6	36.6	36.6	36.5	36.5	36.5	36.6	36.8	36.9	36.9	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.0	36.8
28	37.0	37.0	37.0	37.0	37.0	37.0	36.9	36.9	36.9	36.9	37.0	37.1	37.2	37.3	37.3	37.4	37.4	37.3	37.3	37.3	37.2	37.2	37.2	37.2	37.1
29	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.6	37.7	37.8	37.8	37.8	37.8	37.7	37.8	37.8	37.8	37.8	37.7	37.7	37.6
30	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	38.0	38.0	37.9	37.9	37.6	37.6	37.6	37.6	37.5	37.5	37.5	37.8

MONTHLY AVERAGE 43.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 7

DECEMBER 1984

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	37.5	37.5	37.4	37.5	37.5	37.5	37.5	37.5	37.4	37.6	37.7	37.8	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.0	38.0	37.9	37.9	37.8
2	37.9	37.8	37.8	37.9	37.8	37.7	37.8	37.8	37.9	37.8	37.9	37.9	37.9	37.9	37.8	37.8	37.8	37.8	37.9	38.0	38.0	38.0	38.1	38.0	37.9
3	38.0	38.0	38.0	38.0	38.0	38.0	37.9	38.0	37.9	38.0	38.0	38.0	38.0	37.9	37.9	37.8	37.6	37.6	37.5	37.6	37.6	37.5	37.5	37.4	37.8
4	37.5	37.5	37.5	37.4	37.4	37.3	37.4	37.3	37.3	37.2	37.2	37.2	37.3	37.3	37.2	37.1	37.0	36.9	36.8	36.7	36.7	36.6	36.5	36.5	37.1
5	36.5	36.5	36.4	36.4	36.3	36.3	36.3	36.4	36.4	36.2	36.2	36.2	36.3	36.5	36.6	36.7	36.6	36.5	36.4	36.3	36.2	36.2	36.2	36.2	36.4
6	36.2	36.2	36.1	36.2	35.9	35.3	35.3	35.5	35.3	35.3	35.4	35.1	34.9	35.0	35.1	35.2	35.1	34.9	35.0	34.9	34.7	34.6	34.5	34.5	35.3
7	34.5	34.5	34.4	34.5	34.5	34.5	34.5	34.4	34.4	34.5	34.5	34.5	34.6	34.7	34.6	34.5	34.4	34.4	34.2	33.9	33.8	33.7	33.6	33.6	34.3
8	33.5	33.4	33.4	33.4	33.4	33.4	33.3	33.3	33.3	33.3	33.3	33.2	33.2	33.2	33.2	33.1	32.9	32.9	32.9	32.8	32.8	32.8	32.8	32.8	33.2
9	32.8	32.8	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.2	33.3	33.3	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.7	33.7	33.8	33.7	33.7	33.3
10	33.7	33.7	33.7	33.7	33.6	33.6	33.6	33.5	33.5	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.6	33.7	33.7	33.7	33.6	33.6	33.6	33.6
11	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.7	33.8	33.9	33.9	34.1	34.1	34.0	34.0	34.1	34.2	34.3	34.3	34.2	34.2	34.1	34.0	33.9
12	34.1	34.1	34.0	34.1	34.1	34.0	34.1	34.1	34.0	34.1	34.1	34.1	34.1	34.0	33.8	33.8	33.8	33.9	33.9	34.1	34.0	34.1	34.2	34.1	34.0
13	34.2	34.1	34.1	34.2	34.2	34.1	34.2	34.2	34.1	34.2	34.2	34.2	34.3	34.3	34.0	34.1	34.1	34.1	34.2	34.2	34.3	34.4	34.4	34.5	34.2
14	34.6	34.6	34.5	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	34.5	34.6	34.6	34.7	34.7	34.6	34.5
15	34.7	34.7	34.6	34.7	34.9	34.7	34.8	34.8	34.7	34.7	34.7	34.7	34.7	34.3	34.1	34.3	34.4	34.4	34.5	34.5	34.4	34.5	34.5	34.5	34.6
16	34.6	34.5	34.5	34.5	34.5	34.4	34.5	34.5	34.4	34.4	34.4	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.5	34.6	34.6	34.6	34.6	34.5	34.5
17	34.6	34.6	34.5	34.6	34.6	34.5	34.6	34.6	34.6	34.6	34.7	34.8	34.9	35.0	34.9	34.9	34.9	34.8	34.7	34.7	34.5	34.6	34.6	34.5	34.7
18	34.5	34.4	34.3	34.3	34.3	34.2	34:2	34.1	34.0	33.9	33.9	34.0	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.3	34.3
19	34.3	34.3	34.2	34.2	34.2	34.1	34.2	34.1	34.1	34.1	34.2	34.2	34.3	34.5	34.4	34.4	34.4	34.3	34.4	34.5	34.5	34.6	34.6	34.5	34.3
20	34.4	34.3	34.3	34.3	34.4	34.3	34.4	34.5	34.5	34.5	34.6	34.5	34.6	34.7	34.7	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	34.9	34.6
21	34.9	34.8	34.7	34.7	34.7	34.6	34.6	34.6	34.6	34.6	34.5	34.5	34.6	34.5	34.4	34.5	34.5	34.5	34.6	34.5	34.3	34.3	34.1	34.0	34.5
22	33.8	33.6	33.6	33.5	33.5	33.5	33.4	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.2	33.1	33.0	33.0	33.0	33.0	33.0	33.3
23	32.9	32.9	32.9	32.8	32.8	32.8	32.6	32.7	32.7	32.7	32.8	32.8	32.8	32.9	32.8	32.7	32.7	32.6	32.7	32.6	32.5	32.4	32.3	32.2	32.7
24	32.2	32.2	32.1	32.2	32.2	32.2	32.2	32.2	32.3	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.5	32.7	32.7	32.8	32.7	32.7	32.7	32.4
25	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.6	32.6	32.6	32.6	32.7	32.8	32.8	32.8	32.7	32.7	32.5	32.4	32.2	32.1	32.1	32.1	32.1	32.6
26	32.1	32.0	32.0	32.1	32.0	32.1	32.1	32.1	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.0	32.0	32.1	32.1	32.1	32.0	32.0	32.0	32.0	32.0
27	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
28	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
29	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
30	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
31	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.2	32.2	32.3	32.3	32.4	32.5	32.5	32.1

MONTHLY AVERAGE 34.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

JANUARY 1984

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	33.3	33.5	33.4	33.4	33.4	33.5	33.5	33.5	33.6	33.5	33.6	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.7	33.7	33.7	33.7	33.7	33.7	33.6
2	33.7	33.7	33.9	34.2	34.3	34.4	34.5	34.7	34.6	34.4	33.9	33.8	33.8	33.8	33.9	33.8	33.8	33.8	33.8	33.7	33.7	33.8	33.8	33.8	34.0
3	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	34.0	34.2	34.7	34.9	35.0	35.1	35.0	34.6	34.3	34.1	34.1	34.0	34.0	34.0	34.0	34.2
4	34.0	33.9	34.0	34.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	33.9	34.0	34.0	34.0	33.9	34.0
5	33.9	33.9	33.9	33.9	33.9	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.8	33.2	32.7	32.4	32.3	32.3	32.3	32.3	32.2	32.2	33.3
6	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	32.2	32.2	32.3	32.3	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.2
7	32.3	32.3	32.3	32.2	32.3	32.4	32.5	32.6	32.7	32.7	32.8	32.8	32.8	32.9	33.4	33.4	33.3	33.4	33.3	33.3	33.3	33.3	33.6	33.4	32.9
8	33.4	33.3	33.4	33.7	33.5	33.5	33.4	33.5	33.5	33.5	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.6	33.7	33.7	33.7	33.7	33.6
9	33.7	33.8	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.9	33.9	34.0	34.1	34.1	34.1	34.1	34.0	34.0	33.9	33.9	33.9	33.9	34.0	34.0	33.9
10	34.0	34.1	34.2	34.3	34.4	34.5	34.4	34.8	34.8	34.2	34.0	34.0	34.0	34.0	34.0	34.1	34.2	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.2
11	34.0	34.1	34.2	34.2	34.3	34.3	34.3	34.3	34.2	34.3	34.3	34.4	34.4	34.5	34.4	34.3	34.1	34.0	33.9	33.9	33.9	33.8	33.8	33.8	34.2
12	33.8	33.8	33.9	34.0	33.9	34.0	33.9	33.9	33.8	33.8	33.8	33.9	34.0	34.0	34.0	33.9	33.9	33.9	33.8	33.9	33.9	33.8	33.8	33.8	33.9
13	33.9	33.9	34.1	34.1	34.3	34.2	34.4	34.4	34.2	34.2	34.2	34.2	34.2	34.0	34.0	33.9	33.9	33.9	33.8	33.8	33.8	33.9	33.9	34.1	34.1
14	34.6	35.0	35.1	35.2	35.3	35.4	35.4	35.3	35.3	35.3	34.8	34.2	34.0	34.0	34.0	34.2	34.4	34.5	34.1	33.9	33.9	33.9	34.0	34.0	34.6
15	34.2	34.4	34.7	35.3	35.7	36.2	36.8	37.1	37.5	37.8	38.6	38.5	36.5	35.1	34.4	34.2	34.2	34.1	33.9	33.8	33.7	33.7	33.7	33.8	35.3
16	33.9	34.1	34.7	34.9	35.0	34.9	35.0	35.9	36.8	35.0	34.1	33.9	33.8	34.0	34.0	34.3	34.9	34.5	34.0	33.8	33.8	33.9	33.9	34.0	34.5
17	34.0	34.3	34.7	35.1	35.8	36.4	37.1	37.7	38.4	36.5	35.0	34.3	34.0	33.9	33.9	34.1	34.2	34.1	33.9	33.7	33.6	33.8	33.9	34.0	34.8
18	34.1	34.0	34.4	35.2	35.9	36.8	37.6	38.0	38.3	37.1	35.8	34.9	34.5	34.3	34.2	34.2	34.2	33.9	33.5	33.8	33.9	33.9	33.9	33.9	35.0
19	34.0	34.2	34.2	34.1	34.0	34.1	34.7	35.9	38.3	36.4	35.1	34.5	34.3	34.1	34.1	34.1	34.0	33.9	33.9	33.8	33.8	33.8	34.0	33.9	34.5
20	33.9	33.7	33.5	33.8	34.3	34.9	35.4	36.5	37.6	35.0	33.7	33.3	33.2	33.1	32.9	32.8	32.5	32.3	32.2	32.2	32.2	32.7	33.0	33.0	33.7
21	33.1	33.1	33.0	33.0	32.9	33.0	33.1	33.2	33.2	32.7	32.7	32.6	32.3	32.3	32.9	33.1	32.4	32.2	32.2	32.2	32.2	32.4	32.5	32.5	32.7
22	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.5	32.4	32.3	32.3	32.3	32.3	32.4	32.6	32.5	32.2	32.2	32.2	32.2	32.3	32.4	32.4	32.4
23	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.4	32.2	32.2	32.3	32.2	32.3	32.3	32.5	32.6	32.4	32.3	32.4	32.3	32.5	32.6	32.6	32.6	32.4
24	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.4	32.4	32.5	32.5	32.6	32.8	32.7	32.8	32.8	32.8	33.2	33.5	33.2	33.3	33.4	33.4	33.5	32.8
25	33.5	33.5	34.1	34.8	35.4	35.9	36.3	36.7	37.1	36.1	34.8	34.2	34.2	34.2	34.1	34.1	34.1	33.9	34.0	34.0	34.0	34.0	34.1	34.0	34.6
26	34.0	34.1	34.2	34.2	34.1	34.2	34.6	35.7	37.0	35.1	34.1	33.8	33.8	34.0	34.2	34.2	34.1	33.9	34.0	34.0	34.0	34.0	34.1	34.0	34.3
27	34.0	34.1	34.2	34.2	34.1	34.1	34.2	34.3	34.2	34.1	34.2	34.3	34.6	34.9	34.9	35.1	35.4	36.0	37.6	37.3	36.7	35.9	35.4	35.2	35.0
28	35.4	35.8	36.5	36.9	37.2	37.4	37.7	37.9	38.1	38.4	38.6	39.2	38.9	37.5	36.1	35.2	34.6	34.3	34.1	34.0	33.9	33.9	33.8	33.8	36.2
29	33.8	33.8	33.7	33.9	34.1	34.0	33.9	33.9	34.1	34.8	35.4	37.2	37.3	36.1	35.5	35.1	35.0	34.8	34.3	34.1	34.2	34.5	34.4	34.3	34.7
30	34.3	34.5	35.0	35.7	36.4	37.2	37.7	38.2	38.9	37.4	36.0	35.1	34.8	34.7	34.6	34.3	34.2	34.1	34.1	34.0	34.0	34.0	34.0	34.0	35.3
31	34.2	34.4	34.3	34.4	34.7	35.1	35.7	36.5	38.0	37.0	35.6	34.8	34.4	34.2	34.3	34.6	34.4	35.3	34.5	34.0	33.8	34.0	34.2	34.1	34.9

MONTHLY AVERAGE 34.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

FEBRUARY 1984

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	33.8	33.6	34.0	35.5	37.1	37.4	37.2	36.7	36.9	35.6	34.7	34.3	34.1	34.0	34.2	34.3	34.4	34.4	33.4	32.9	33.1	33.4	33.8	34.0	34.7
2	34.3	34.3	34.4	34.5	34.4	34.3	34.2	34.2	35.6	34.4	34.1	34.4	34.6	34.6	34.7	34.8	35.3	35.3	34.8	36.0	33.9	34.7	35.0	35.0	34.7
3	34.8	35.1	35.6	35.9	36.4	36.9	36.9	37.7	38.4	36.8	35.2	34.3	34.1	34.1	34.0	34.1	34.1	34.1	34.0	33.9	33.9	33.9	34.1	34.3	35.1
4	34.5	34.6	34.7	35.2	35.7	36.2	36.6	37.1	38.0	39.2	38.2	36.2	35.0	34.4	34.2	34.4	34.4	34.2	34.0	33.9	33.9	34.0	34.1	34.3	35.3
5	34.4	34.7	35.0	35.5	36.0	36.7	37.4	38.0	38.5	38.9	39.2	39.4	37.2	35.3	34.5	34.2	34.1	33.9	33.8	33.8	33.7	33.7	33.9	34.1	35.7
6	34.0	33.9	33.8	34.2	34.8	35.5	36.3	37.9	38.5	36.6	35.2	34.6	34.4	34.3	34.2	34.2	34.1	33.9	33.8	33.8	33.8	33.8	33.8	33.8	34.7
7	33.8	33.8	34.2	34.6	35.1	35.2	35.3	35.6	35.6	35.0	34.3	34.1	34.0	33.9	33.9	33.9	33.8	33.8	33.7	33.7	33.7	33.7	33.7	33.7	34.3
8	33.9	34.0	34.0	33.7	33.7	33.9	34.8	37.1	36.2	34.7	34.2	34.0	33.9	33.9	33.9	33.9	33.8	33.7	33.7	33.7	33.7	33.8	34.0	34.0	34.2
9	33.7	33.6	33.8	34.4	35.1	35.8	36.4	37.3	38.2	36.4	35.0	34.3	34.1	34.1	34.1	34.2	34.4	34.4	34.0	33.8	33.8	33.9	34.1	34.0	34.7
10	33.8	33.7	34.0	34.6	35.3	35.8	36.5	37.3	38.1	36.2	35.0	34.4	34.2	34.1	34.1	34.1	34.0	33.9	33.8	33.8	33.8	33.8	33.8	33.9	34.7
11	34.0	34.1	34.6	34.9	35.4	36.2	36.6	38.1	35.7	34.3	34.3	34.4	34.2	34.0	33.9	33.9	33.9	33.9	33.9	33.8	33.9	33.9	34.2	34.3	34.6
12	34.5	34.7	34.6	34.6	34.6	34.9	35.6	36.4	37.5	38.2	36.3	35.0	34.5	34.5	34.4	34.4	34.3	34.2	34.1	34.1	34.0	34.0	34.0	34.0	34.9
13	34.1	34.4	34.4	34.2	34.0	34.2	34.7	36.0	38.1	36.6	35.1	34.6	34.4	34.4	34.4	34.3	34.2	34.1	34.0	34.0	33.9	33.9	34.0	34.0	34.6
14	34.3	34.5	34.6	34.6	34.6	34.5	34.6	34.4	34.2	34.2	34.1	34.1	34.2	34.4	34.5	34.6	34.6	34.5	34.4	34.4	34.3	34.3	34.2	34.0	34.4
15	33.9	33.9	34.0	34.1	34.1	34.0	34.1	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.0	33.9	33.8	33.8	33.8	33.8	33.8	33.7	34.0
16	33.6	33.5	33.3	33.1	33.0	32.9	32.9	32.9	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.7	32.8	32.8	32.8	32.8	32.8	32.7	32.6	32.9
17	32.6	32.7	32.6	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
18	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.7	32.8	32.8	32.8	32.9	32.8	32.7	32.7	32.7	32.6	32.6	32.6	32.6	32.7
19	32.7	32.6	32.6	32.6	32.6	32.6	32.7	32.6	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.7	32.6	32.7	32.6	32.6	32.6	32.6	32.7
20	32.6	32.6	32.7	32.7	32.8	32.7	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	33.0	33.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.8
21	32.9	32.9	32.9	32.9	32.9	32.9	32.8	32.9	32.9	32.9	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.0
22	33.1	33.0	33.0	32.9	32.9	33.0	32.9	32.9	32.9	32.9	33.0	33.1	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.2
23	33.4	33.3	33.3	33.3	33.2	33.2	33.2	33.2	33.2	33.3	33.4	33.5	33.7	33.8	33.9	33.9	33.9	33.8	33.7	33.7	33.6	33.6	33.7	33.7	33.5
24	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2	33.9
25	34.3	34.3	34.3	34.4	34.4	34.4	34.5	34.6	34.5	34.5	34.5	34.6	34.6	34.7	34.8	34.8	34.9	34.9	34.9	35.0	35.0	35.0	35.1	35.0	34.7
26	34.9	34.9	34.8	34.9	34.8	34.7	34.7	34.6	34.5	34.5	34.5	34.6	34.8	34.9	35.1	35.1	35.1	35.1	35.0	34.9	34.9	34.9	34.9	34.7	34.8
27	34.6	34.5	34.3	34.3	34.2	34.1	34.1	33.9	33.9	33.9	33.9	34.0	34.1	34.1	34.1	34.2	34.2	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
28	34.2	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.0	34.0	33.9	33.7	33.5	33.4	33.4	33.2	33.2	33.1	33.1	33.0	33.0	32.9	32.9	33.6
29	32.8	32.8	32.8	32.8	32.8	32.9	32.8	32.9	32.9	33.0	33.2	33.2	33.3	33.3	33.4	33.5	33.5	33.6	33.5	33.5	33.5	33.4	33.4	33.4	33.2

MONTHLY AVERAGE 34.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

MARCH 1984

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	33.4	33.4	33.4	33.4	33.3	33.3	33.3	33.3	33.3	33.4	33.5	33.6	33.7	33.9	33.9	33.9	33.9	33.9	33.8	33.8	33.7	33.6	33.5	33.5	33.6
2	33.5	33.4	33.4	33.3	33.3	33.2	33.3	33.3	33.5	33.6	33.7	33.8	33.8	33.9	33.8	33.8	33.7	33.7	33.7	33.6	33.5	33.5	33.5	33.5	33.6
3	33.5	33.5	33.3	33.0	33.0	33.0	33.2	33.1	33.1	33.2	33.3	33.4	33.6	33.7	33.8	33.8	33.7	33.6	33.5	33.4	33.4	33.4	33.4	33.4	33.4
4	33.4	33.4	33.3	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.7	33.8	34.0	34.1	34.2	34.3	34.2	34.2	34.1	34.0	34.0	34.0	33.9	34.0	33.8
5	33.9	33.8	33.7	33.7	33.6	33.6	33.6	33.7	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.8
6	33.9	33.8	33.8	33.8	33.8	33.7	33.8	33.7	33.8	33.8	33.8	33.9	34.0	34.1	34.1	34.1	34.1	34.0	34.0	33.9	33.9	33.9	33.9	33.8	33.9
7	33.9	33.9	34.1	34.5	34.8	34.9	35.0	34.9	34.9	34.5	34.4	34.4	34.5	34.6	34.6	34.6	34.4	34.7	34.6	34.4	34.2	34.2	34.1	34.1	34.5
8	34.1	34.2	34.3	34.7	34.8	34.9	35.0	35.0	34.9	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.4	34.3	34.2	34.1	34.0	34.0	34.1	34.0	34.4
9	34.1	34.1	34.0	34.0	34.0	34.0	34.0	33.9	34.0	34.0	34.0	34.1	34.3	34.4	34.4	34.4	34.3	34.2	34.1	34.1	34.0	33.9	33.9	33.9	34.1
10	34.0	34.0	34.0	34.6	35.1	35.4	35.6	35.7	35.7	35.8	35.3	34.8	34.7	34.9	35.4	35.5	35.4	35.4	37.0	35.8	34.9	34.6	34.7	34.7	35.1
11	34.6	34.6	34.7	35.0	35.5	36.3	36.9	37.4	37.7	37.9	38.1	38.2	38.3	38.3	38.3	38.2	38.4	39.0	37.9	36.6	35.6	35.1	34.8	34.7	36.8
12	34.8	34.7	34.7	34.8	34.9	35.1	35.6	36.5	37.9	37.8	36.5	35.8	35.4	35.2	35.1	35.0	35.0	34.9	34.8	34.6	34.3	34.2	34.2	34.2	35.2
13	34.6	34.8	34.8	34.8	34.8	35.0	35.4	36.1	37.6	37.6	36.0	35.4	34.8	34.5	34.3	34.3	34.3	34.3	34.1	33.9	33.8	33.8	33.8	33.9	34.9
14	34.0	34.0	33.9	34.0	34.5	35.0	35.7	36.6	37.0	37.4	36.1	35.3	34.8	34.6	34.4	34.3	34.1	34.1	33.9	33.9	33.9	33.8	34.1	34.2	34.7
15	34.3	34.1	33.9	34.5	37.0	37.3	36.4	35.5	34.9	34.8	34.8	35.1	35.1	34.9	34.6	34.5	34.4	34.3	34.5	34.5	34.3	34.2	34.0	33.9	34.8
16	33.9	33.9	33.9	33.9	33.8	33.8	33.8	33.8	33.9	33.9	34.2	34.5	34.6	34.6	34.7	34.7	34.6	34.5	34.3	34.2	34.1	34.1	34.1	34.1	34.2
17	34.1	34.1	34.0	34.0	33.9	33.9	33.9	33.9	33.9	33.9	34.0	33.9	34.0	34.0	34.0	34.1	34.0	33.9	33.9	33.9	33.9	33.9	33.8	33.8	33.9
18	33.8	33.8	33.7	33.7	33.7	33.7	33.8	33.8	33.7	33.8	34.0	34.4	34.5	34.6	34.6	34.4	34.2	34.1	34.0	34.0	34.1	34.2	34.2	34.2	34.0
19	34.2	34.2	34.2	34.1	34.1	34.0	34.1	34.1	34.1	34.1	34.1	34.2	34.3	34.4	34.4	34.5	34.5	34.4	34.3	34.2	34.1	34.1	34.1	34.1	34.2
20	34.1	34.2	34.2	34.3	34.3	34.2	34.3	34.3	34.3	34.3	34.4	34.4	34.6	34.6	34.5	34.4	34.4	34.4	34.3	34.2	34.2	34.1	34.1	34.1	34.3
21	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.0	34.0	33.9	33.9	33.9	34.0	34.0	34.1	34.2	34.2	34.1	34.1	34.1	34.1	33.9	33.8	33.7	34.0
22	33.7	33.6	33.7	33.7	33.6	33.6	33.5	33.4	33.4	33.5	33.6	33.8	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	33.9	34.0	34.0	34.1	33.8
23	34.2	34.2	34.2	34.2	34.2	34.1	34.0	33.9	33.8	33.8	33.8	33.8	33.9	33.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.5	34.1
24	34.5	34.4	34.4	34.3	34.2	34.1	34.1	34.0	34.0	34.1	34.2	34.2	34.3	34.4	34.5	34.7	34.9	34.9	35.0	35.0	35.1	35.1	35.2	35.2	34.5
25	35.3	35.3	35.3	35.3	35.3	35.3	35.2	35.2	35.2	35.2	35.4	35.5	35.6	35.7	35.9	36.0	36.1	36.0	36.0	36.0	36.0	36.0	36.1	36.1	35.6
26	36.2	36.2	36.2	36.3	36.3	36.3	36.5	36.6	36.8	37.1	37.6	37.9	38.1	38.1	38.0	38.0	37.9	37.8	37.6	37.5	37.3	37.2	37.0	37.0	37.1
27	36.9	36.9	36.8	36.8	36.8	36.8	36.8	36.9	37.1	37.3	36.1	35.8	36.0	36.2	36.4	36.6	36.7	36.8	36.8	36.8	36.8	36.7	36.6	36.5	36.7
28	36.4	36.3	36.3	36.3	36.3	36.3	36.3	36.2	36.2	36.2	36.1	36.1	36.2	36.3	36.4	36.4	36.5	36.5	36.6	36.6	36.6	36.6	36.5	36.4	36.4
29	36.3	36.3	36.2	36.2	36.2	36.3	36.3	36.4	36.5	36.4	36.4	36.3	36.3	36.2	36.2	36.1	36.1	35.9	35.9	35.9	35.8	35.7	35.6	35.5	36.1
30	35.4	35.4	35.4	35.4	35.3	35.2	35.1	35.1	35.1	35.1	35.2	36.2	37.3	37.4	37.4	37.0	37.4	37.2	37.4	37.2	37.3	37.2	37.5	37.5	36.3
31	37.3	37.6	37.6	37.5	37.5	37.4	37.2	37.3	37.3	37.4	37.5	37.1	38.0	38.2	38.4	38.5	38.6	38.6	38.5	38.4	38.3	38.2	38.1	38.0	37.9
																								MONTHLY AVERAGE	34.8

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

APRIL 1984

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	38.0	37.9	37.9	37.8	37.6	37.8	37.7	37.9	38.1	38.2	38.4	38.7	39.1	39.4	39.6	39.9	40.0	40.0	40.0	40.0	39.9	39.9	39.8	39.7	38.9
2	39.7	39.7	39.7	39.7	39.7	38.4	39.6	38.6	39.7	39.8	40.0	40.2	40.5	40.7	40.8	41.1	41.2	41.3	41.3	41.3	41.2	41.2	41.3	41.2	40.3
3	41.3	41.2	41.1	41.1	40.9	40.8	40.7	40.7	40.7	40.8	41.0	41.2	41.5	41.8	42.1	42.1	42.1	41.9	41.8	41.7	41.7	41.8	41.9	42.0	41.4
4	42.0	42.0	42.0	41.9	41.8	41.7	41.6	41.4	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.2	41.2	41.2	41.1	41.0	40.8	40.8	41.4
5	40.7	40.7	40.6	40.6	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.7	40.6	40.5	40.2	40.0	39.5	39.3	39.0	38.8	38.5	38.2	40.2
6	38.1	38.1	38.2	38.3	38.4	38.5	38.6	38.6	38.6	38.6	38.5	38.6	38.7	38.8	38.8	38.9	38.9	39.0	39.1	39.2	39.3	39.3	39.4	39.4	38.7
7	39.4	39.4	39.4	39.4	39.3	39.3	39.1	38.9	39.0	38.9	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0
8	38.9	38.7	38.6	38.5	38.4	38.2	38.1	38.0	37.9	37.9	37.9	37.9	38.0	38.1	38.2	38.2	38.4	38.4	38.4	38.5	38.4	38.3	38.3	38.3	38.3
9	38.2	38.2	38.1	37.9	37.8	37.7	37.6	37.4	37.5	37.6	37.6	37.8	37.7	38.1	38.3	38.3	38.4	38.4	38.4	38.4	38.3	38.3	38.2	38.1	38.0
10	38.0	37.9	37.9	37.8	37.7	37.4	37.2	37.3	37.5	37.5	37.6	37.8	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.2	38.2	38.2	38.2	37.9
11	38.1	37.8	38.0	37.9	37.9	37.7	37.9	37.8	37.9	37.5	37.9	38.5	38.7	39.0	39.2	39.3	39.3	39.4	39.5	39.4	39.2	39.2	39.2	39.3	38.6
12	39.3	39.3	39.4	39.4	39.3	39.3	39.3	39.3	39.3	39.3	39.5	39.6	39.8	39.9	40.0	40.2	40.5	40.7	41.2	41.1	41.1	41.1	41.2	41.2	40.0
13	41.3	41.4	41.4	41.5	41.5	41.5	41.4	41.3	41.4	41.5	41.5	41.5	41.6	41.7	41.9	42.0	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	41.8
14	43.0	43.1	43.2	43.2	43.0	43.0	42.8	42.8	42.7	42.6	42.6	42.4	42.6	42.7	42.8	42.8	42.9	43.0	43.0	43.1	43.1	43.1	43.0	43.0	42.9
15	42.8	42.8	42.6	42.5	42.3	42.3	42.3	42.2	42.1	42.1	42.2	42.2	42.3	42.4	42.4	42.3	42.5	42.4	42.3	42.3	42.1	42.0	41.8	41.8	42.3
16	41.7	41.7	41.5	41.5	41.5	41.4	41.4	41.4	41.4	41.0	40.9	40.8	40.8	40.8	40.7	40.7	40.7	40.7	40.6	40.5	40.4	40.4	40.3	40.2	41.0
17	40.2	40.2	40.2	40.1	40.1	40.1	40.2	40.3	40.2	40.3	40.4	40.5	40.7	40.8	41.0	41.1	41.3	41.3	41.4	41.3	41.3	41.3	41.2	41.2	40.7
18	41.2	41.2	41.2	41.2	41.3	41.3	41.4	41.5	41.5	41.7	41.8	42.0	42.2	42.3	42.5	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.9	42.8	42.0
19	42.8	42.9	42.9	42.9	43.0	43.0	43.1	43.1	43.1	43.0	43.0	43.0	43.0	43.1	43.2	43.2	43.2	43.1	43.0	43.1	43.1	43.1	43.1	43.1	43.0
20	43.2	43.2	43.2	43.2	43.3	43.2	43.3	43.2	43.1	43.0	43.0	43.0	43.0	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.0	43.2	43.2	43.2
21	43.3	43.3	43.3	43.2	43.2	43.2	43.2	43.2	43.2	43.4	43.4	43.3	43.4	43.5	43.6	43.6	43.6	43.5	43.5	43.4	43.5	43.5	43.5	43.4	43.4
22	43.3	43.2	43.0	42.9	42.8	42.4	42.5	42.4	42.4	42.5	42.6	42.7	42.9	43.0	43.2	43.4	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.1
23	43.8	43.7	43.7	43.7	43.7	43.6	43.6	43.6	43.6	43.6	43.8	43.9	44.0	43.9	43.9	43.9	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	43.9
24	44.3	44.4	44.5	44.6	44.7	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	44.9	45.0	45.0	44.8	44.7	44.8	44.7	44.6	44.6	44.6	44.6	44.8
25	44.6	44.6	44.6	44.7	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.4	45.4	45.4	45.3	45.2	45.2	45.1	45.0	45.0	44.9	44.9	44.8	45.0
26	44.8	44.8	44.8	44.7	44.7	44.7	44.7	44.7	44.8	44.9	45.0	45.2	45.4	45.5	45.7	45.9	46.0	46.1	46.1	46.1	46.2	46.2	46.3	46.3	45.4
27	46.2	46.2	46.1	46.1	46.1	46.0	46.1	46.0	46.1	46.2	46.3	46.5	46.7	46.8	47.0	47.2	47.4	47.5	47.7	47.7	47.8	47.8	47.9	47.9	46.8
28	48.0	48.0	48.0	48.0	48.0	48.1	48.0	48.0	48.1	48.3	48.4	48.5	48.6	48.7	48.9	49.0	49.1	49.2	49.2	49.3	49.3	49.4	49.5	49.5	48.6
29	49.6	49.7		49.8	49.9	50.0	50.0	50.2	50.2	50.3	50.5	50.6	50.7	50.9	51.0	51.1	51.1	51.1	51.2	51.1	51.2	51.2	51.3	51.5	50.6
30	51.5	51.5	51.5	51.5	51.5	51.6	51.7	51.7	51.8	52.1	52.2	52.5	52.7	52.9	53.0	53.0	53.0	53.0	52.9	53.0	53.0	53.1	53.1	53.0	52.4

MONTHLY AVERAGE 42.4

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

MAY 1984

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	53.0	52.9	52.8	52.8	52.8	52.8	52.9	52.9	53.0	53.1	53.3	53.3	53.4	53.5	53.6	53.7	53.8	53.9	53.9	53.8	53.7	53.6	53.6	53.5	53.3
2	53.4	53.3	53.2	53.0	52.9	52.8	52.8	52.8	52.8	52.8	52.9	52.8	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.7	52.5	52.2	52.1	52.8
3	51.9	51.8	51.6	51.5	51.4	51.3	51.2	51.2	51.2	51.2	51.3	51.5	51.7	51.8	51.9	51.9	51.8	51.7	51.6	51.5	51.4	51.4	51.3	51.3	51.5
4	51.2	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.0	51.0	50.8	50.7	50.5	50.3	50.2	50.0	49.8	49.7	49.6	49.5	49.4	49.3	50.5
5	49.1	49.1	49.0	48.8	48.7	48.7	48.7	48.6	48.6	48.6	48.6	48.6	48.5	48.5	48.4	48.3	48.4	48.4	48.5	48.5	48.3	48.2	48.0	47.9	48.5
6	47.9	47.7	47.5	47.5	47.4	47.4	47.3	47.3	47.3	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.3	48.4	48.4	48.5	48.5	48.6	48.7	48.6	47.9
7	48.6	48.6	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.7	48.9	49.1	49.3	49.6	49.8	49.9	50.1	50.2	50.3	50.3	50.4	50.6	50.6	49.3
8	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8	51.0	51.0	51.0	51.1	51.0	50.9	50.8	50.6	50.5	50.5	50.5	50.5	50.4	50.4	50.4	50.7
9	50.3	50.3	50.2	50.2	50.1	50.1	50.1	50.1	50.2	50.2	50.4	50.6	50.8	51.0	51.2	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.6	50.9
10	51.5	51.4	51.3	51.2	51.2	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.7	51.8	51.9	51.9	51.9	51.8	51.4
11	51.7	51.7	51.7	51.6	51.7	51.7	51.7	51.7	51.8	51.8	52.0	53.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.5	552.5	52.5	73.0
12	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	53.1	53.3	53.3	53.3	53.2	53.1	53.1	53.1	53.1	53.0	52.7	52.6	52.5	52.4	52.8
13	52.3	52.1	51.7	51.6	51.5	51.3	51.3	51.3	51.4	51.6	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.1
14	52.4	52.3	52.3	52.2	52.2	52.1	52.1	52.0	52.0	52.0	51.9	51.8	51.8	51.7	51.7	51.8	52.0	52.1	52.0	51.9	51.8	51.8	51.8	51.8	52.0
15	51.7	51.6	51.5	51.3	51.2	51.1	50.9	50.8	50.8	50.8	50.8	50.8	50.7	50.8	50.8	50.8	50.7	50.7	50.7	50.7	50.7	50.6	50.6	50.4	50.9
16	50.3	50.1	49.9	49.8	49.8	49.7	49.6	49.6	49.8	49.9	50.0	50.0	50.1	50.2	50.2	50.2	50.3	50.4	50.5	50.5	50.4	50.4	50.4	50.3	50.1
17	50.2	50.1	49.9	49.9	49.8	49.7	49.6	49.5	49.4	49.5	49.6	49.7	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	49.8
18	50.0	50.0	50.0	50.1	50.0	50.0	49.9	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.7	50.7	50.8	50.7	50.7	50.7	50.8	50.3
19	50.8	50.9	50.9	51.0	51.1	51.2	51.2	51.3	51.4	51.6	51.8	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.1	52.0	51.8	51.8	51.8	51.7
20	51.8	51.8	51.7	51.5	51.5	51.6	51.6	51.7	51.8	52.0	52.3	52.5	52.9	53.3	53.5	53.6	53.7	53.6	53.6	53.7	53.7	53.8	53.9	54.0	52.7
21	54.0	54.0	53.9	53.8	53.8	53.7	53.7	53.7	53.8	53.9	54.1	54.3	54.5	54.5	54.6	54.7	54.9	55.1	55.2	55.4	55.5	55.6	55.7	55.8	54.5
22	55.8	55.9	55.8	55.9	55.8	55.8	55.7	55.7	55.9	56.0	56.3	56.5	56.6	56.7	56.9	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.5	57.6	56.6
23	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9	58.0	58.1	58.4	58.6	59.2	59.4	59.5	59.6	59.6	59.9	60.0	60.0	59.7	59.7	59.7	59.7	58.8
24	59.8	59.9	59.7	59.5	59.3	59.3	59.2	59.2	59.4	59.5	59.4	59.0	59.5	59.8	60.5	60.9	61.0	60.7	60.5	60.6	60.5	60.5	60.4	60.4	59.9
25	60.3	60.3	60.4	60.5	60.5	60.5	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	61.0	61.8	61.8	61.7	61.8	61.7	61.3	61.3	61.3	61.3	60.9
26	61.6	61.6	61.7	61.7	61.7	61.6	61.5	61.8	61.8	61.8	61.9	62.1	62.4	62.9	63.1	63.2	63.2	63.0	62.9	62.8	62.8	62.7	62.5	62.5	62.3
27	62.6	62.6	62.5	62.4	62.3	62.2	62.1	62.2	62.2	62.2	62.3	62.7	63.0	63.2	63.5	63.7	63.6	63.5	63.3	63.2	63.1	62.9	62.9	63.1	62.8
28	63.1	63.1	63.1	63.0	63.0	63.0	62.9	62.9	62.9	62.8	62.8	62.8	62.8	62.8	62.9	62.9	63.0	62.9	62.8	62.8	62.6	62.5	62.4	62.3	62.8
29	62.3	62.2	62.2	62.1	62.0	61.8	61.5	61.2	61.1	61.0	60.8	60.4	60.1	59.8	59.5	59.1	59.0	58.8	58.2	57.9	57.5	57.0	57.5	57.3	60.0
30	56.1	55.8	55.3	55.2	55.0	54.8	54.6	54.2	54.2	54.2	54.2	54.1	53.8	53.5	53.3	53.2	53.0	52.8	52.5	52.3	52.2	52.1	52.0	52.0	53.8
31	52.0	51.9	51.9	51.8	51.8	51.9	51.8	51.6	51.5	51.4	51.3	51.2	51.2	51.1	51.0	51.0	51.0	51.0	51.0	51.0	50.9	50.9	50.9	50.8	51.3

MONTHLY AVERAGE 54.4

Day Hr
11 23 e

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

JUNE 1984

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	50.8	50.8	50.7	50.7	50.6	50.6	50.5	50.4	50.4	50.3	50.5	50.7	50.8	50.9	51.0	51.1	51.3	51.3	51.3	51.4	51.5	51.5	51.6	51.7	50.9
2	51.8	51.8	51.8	51.8	51.8	51.8	51.7	51.7	51.7	51.8	51.8	51.9	51.9	52.0	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.5	52.4	52.5	52.0
3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.8	52.9	53.1	53.3	53.4	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.8	53.9	53.1
4	53.8	53.8	53.8	53.8	53.8	53.8	53.7	53.7	53.8	53.9	54.1	54.3	54.6	55.4	55.0	55.2	55.3	55.4	55.6	55.6	55.6	55.6	55.8	55.9	54.6
5	55.9	55.8	55.7	55.7	55.7	55.5	55.1	55.1	55.2	55.3	55.4	55.5	55.7	55.9	55.8	55.8	55.8	55.8	55.8	55.9	56.2	56.6	57.5	57.3	55.8
6	57.2	57.1	57.0	56.9	56.8	56.8	56.8	56.8	56.8	56.9	57.0	57.0	56.9	57.0	56.9	56.9	57.0	56.9	56.9	56.9	56.9	56.9	57.0	57.0	56.9
7	56.9	56.8	56.6	56.5	56.4	56.3	56.2	56.2	56.4	56.4	56.8	57.1	57.4	57.7	57.8	58.1	58.1	57.9	58.0	57.8	57.8	57.9	58.0	58.0	57.2
8	58.0	58.0	57.9	57.8	57.6	57.4	57.4	57.3	57.3	57.5	57.8	58.1	58.2	58.2	58.2	58.3	58.6	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.1
9	58.9	58.8	58.8	58.8	58.8	58.8	58.8	58.6	58.4	58.4	58.8	58.9	59.1	59.2	59.3	59.7	59.8	60.0	60.2	60.3	60.5	60.7	60.8	60.9	59.4
10	60.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.2	61.2	61.2	61.6	61.9	62.1	62.2	62.3	62.7	62.8	62.9	63.1	61.5
11	63.2	63.2	63.2	63.2	63.2	63.1	62.9	62.9	62.8	62.9	63.1	63.2	63.4	63.3	63.4	63.5	63.7	63.8	63.8	63.8	63.9	64.0	64.2	64.4	63.4
12	64.6	64.5	64.9	64.7	64.6	64.5	64.5	64.5	64.6	64.9	65.2	65.5	65.7	65.9	66.0	66.1	66.2	66.6	66.8	66.9	66.9	66.9	67.0	67.3	65.6
13	67.3	67.2	67.1	67.0	66.7	66.6	66.5	66.5	66.5	66.9	67.2	67.6	67.9	67.9	68.0	68.2	68.3	68.4	68.4	68.4	68.4	68.3	68.4	68.4	67.6
14	68.4	68.4	68.3	68.1	68.1	68.0	68.0	68.0	68.1	68.2	68.3	68.5	68.6	68.8	69.0	69.1	69.3	69.4	69.1	69.1	69.0	68.8	68.7	68.6	68.6
15	68.5	68.4	68.2	68.2	68.2	68.1	67.9	67.7	67.6	67.6	67.8	68.0	68.3	68.5	68.6	68.5	68.6	68.7	68.7	68.5	68.3	68.2	68.0	67.7	68.2
16	67.5	67.4	67.3	67.2	67.1	67.1	67.0	67.0	67.0	67.1	67.3	67.6	67.9	68.2	68.4	68.6	68.8	68.9	68.8	68.7	68.6	68.4	68.2	68.1	67.8
17	68.0	68.0	67.9	67.7	67.6	67.5	67.4	67.4	67.5	67.5	67.5	67.6	67.8	68.1	68.4	68.6	68.6	68.4	68.3	68.4	68.2	68.1	68.1	68.0	67.9
18	67.9	67.8	67.8	67.7	67.7	67.6	67.5	67.4	67.3	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.6	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.6
19	67.9	67.8	67.8	67.7	67.6	67.6	67.5	67.5	67.4	67.3	67.2	67.1	67.3	67.4	67.6	67.8	68.0	68.1	68.3	68.4	68.4	68.3	68.2	68.1	67.8
20	68.0	67.9	67.6	67.5	67.3	67.2	67.1	67.0	66.9	67.0	67.1	67.4	67.6	67.9	68.2	68.5	68.8	68.9	68.9	68.7	68.6	68.5	68.4	68.4	67.9
21	68.3	68.3	68.3	68.2	68.2	68.2	68.1	68.0	68.0	68.1	68.3	68.5	68.7	68.9	69.2	69.4	69.6	69.7	69.7	69.6	69.5	69.3	69.2	69.0	68.8
22	68.8	68.7	68.6	68.4	68.3	68.2	68.0	68.1	68.2	68.2	68.3	68.5	68.8	69.1	69.4	69.8	70.0	70.2	70.4	70.3	70.3	70.2	70.1	69.9	69.1
23	69.8	69.7	69.5	69.3	69.1	69.0	68.8	68.7	68.7	68.8	68.8	68.8	68.9	69.1	69.4	69.6	69.9	70.3	70.6	70.8	70.7	70.9	70.7	70.3	69.6
24	70.0	69.9	69.8	69.7	69.5	69.4	69.2	69.1	69.0	68.9	68.9	68.9	68.8	68.8	68.9	68.9	69.1	69.1	69.2	69.2	69.0	68.8	68.6	68.4	69.1
25	68.3	68.2	68.2	68.2	68.1	68.1	68.1	68.1	68.2	68.3	68.4	68.6	68.8	69.1	69.3	69.5	69.6	69.7	69.6	69.3	69.2	69.0	68.9	68.9	68.7
26	68.8	68.6	68.4	68.2	68.0	67.9	67.8	67.8	67.7	67.7	68.4	68.6	68.7	68.6	68.7	68.9	69.0	69.0	68.9	69.0	69.0	68.9	68.8	68.7	68.5
27	68.6	68.5	68.4	68.4	68.3	68.3	68.2	68.2	68.2	68.3	68.5	68.8	69.2	69.5	69.8	70.0	70.1	70.1	70.0	69.9	69.7	69.4	69.3	69.1	69.0
28	69.1	69.1	69.1	69.0	69.0	69.0	69.1	69.0	69.1	69.3	69.5	69.6	69.7	69.8	69.9	69.9	70.0	70.0	69.9	69.8	69.6	69.5	69.4	69.2	69.4
29	69.2	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.6	69.7	70.0	70.4	70.5	70.6	70.6	70.6	70.6	70.5	70.4	70.3	70.2	70.2	70.2	70.3	70.0
30	70.5	70.6	70.6	70.6	70.6	70.5	70.5	70.4	70.4	70.4	70.4	70.4	70.6	70.5	70.5	70.4	70.4	70.2	70.0	70.1	69.9	69.9	69.9	69.9	70.3
																								MONTHLY AVERAGE	64.2

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

JULY 1984

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	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.8	69.8	69.9	69.9	70.1	70.3	70.4	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.3
2	70.9	70.9	70.9	70.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	70.9	71.5	71.6	71.4	71.6	71.5	71.4	71.2	71.0	70.9	70.9	71.0
3	70.9	70.9	70.9	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.0	71.1	71.5	71.4	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.2
4	71.7	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.1	72.0	71.8	71.8	71.8	71.8	71.9	71.9
5	72.0	72.0	72.0	71.9	71.9	71.9	71.9	71.9	71.8	71.9	71.9	72.0	72.1	72.3	72.5	72.5	72.6	72.7	72.8	72.8	72.8	72.6	72.4	72.2	72.2
6	72.1	72.1	72.0	72.0	72.0	71.9	71.8	71.8	71.7	71.7	71.7	71.7	71.7	71.7	71.6	71.6	71.6	71.6	71.6	71.6	71.5	71.5	71.4	71.4	71.7
7	71.5	71.5	71.4	71.4	71.3	71.3	71.2	71.3	71.3	71.3	71.3	71.3	71.2	71.1	70.9	70.7	70.5	70.3	70.2	70.1	70.0	69.9	69.7	69.6	70.8
8	69.5	69.4	69.3	69.2	69.1	68.9	68.6	68.4	68.3	68.2	68.2	68.3	68.4	68.6	68.8	68.8	68.9	68.9	68.8	68.8	68.7	68.6	68.5	68.4	68.7
9	68.2	68.2	68.1	68.0	67.9	67.9	67.9	67.9	68.0	68.1	68.6	68.6	68.6	68.3	68.1	67.9	67.7	67.5	67.2	67.1	67.1	67.1	67.1	67.1	67.8
10	67.1	67.2	67.3	67.4	67.5	67.4	67.5	67.4	67.3	67.2	67.4	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.8	67.8	67.7	67.6	67.5	67.5	67.5
11	67.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.7	67.6	67.6	67.5	67.6
12	67.4	67.3	67.1	67.0	66.9	66.7	66.5	66.4	66.3	66.4	66.6	66.7	67.0	67.2	67.4	67.6	67.8	67.9	67.9	67.9	67.9	67.8	67.7	67.7	67.2
13	67.6	67.6	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.8	68.0	68.2	68.4	68.6	68.8	68.9	69.1	69.2	69.2	69.2	69.1	69.1	69.0	68.9	68.3
14	68.8	68.7	68.6	68.5	68.4	68.3	68.1	68.1	68.0	68.1	68.2	68.4	68.6	68.9	69.1	69.3	69.6	69.9	70.1	70.2	70.3	70.4	70.3	70.3	69.0
15	70.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.5	70.8	71.1	71.3	71.5	71.6	71.7	72.0	72.2	72.4	72.3	72.0	71.7	71.4	71.0
16	71.2	71.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.2	71.3	71.4	71.5	71.8	71.9	72.0	72.0	72.0	71.9	71.8	71.7	71.7	71.6	71.4
17	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.8	71.9	72.0	72.4	72.8	73.1	73.5	73.5	73.6	73.4	73.5	73.1	72.6	72.4	72.4	72.4	72.5
18	72.4	72.4	72.3	72.2	72.2	72.2	72.1	72.1	71.9	71.8	71.9	72.1	72.0	72.3	72.4	72.5	72.8	72.9	72.9	72.8	72.7	72.6	72.5	72.4	72.4
19	72.4	72.3	72.1	72.1	72.2	72.4	72.4	72.3	72.3	72.3	72.4	72.5	72.6	72.6	72.7	72.8	72.9	72.9	72.9	72.8	72.7	72.6	72.6	72.6	72.5
20	72.7	72.8	72.6	72.7	72.7	72.7	72.7	72.5	71.9	71.9	71.9	72.0	72.3	72.2	72.0	72.0	71.9	71.9	71.9	71.9	71.8	71.8	71.9	71.9	72.2
21	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	71.9	71.9	71.8	71.8	71.7	71.6	71.5	71.5	71.4	71.1	71.0	70.9	70.8	70.7	70.7	70.8	71.5
22	70.9	70.9	70.8	70.7	70.8	70.8	70.7	70.7	70.8	70.7	70.9	71.3	71.5	71.7	71.9	72.2	72.5	72.4	72.1	72.0	72.0	71.9	71.9	71.9	71.4
23	71.9	71.9	71.8	71.7	71.7	71.7	71.7	71.6	71.5	71.7	71.9	72.1	72.3	72.5	72.8	73.1	73.4	73.6	73.7	73.6	73.6	73.6	73.5	73.4	72.5
24	73.3	73.4	73.4	73.4	73.4	73.3	73.4	73.3	73.5	73.5	73.5	73.6	73.8	74.0	74.4	74.7	75.0	75.1	75.3	75.2	75.2	75.0	74.9	74.8	74.1
25	74.6	74.4	74.3	74.0	73.9	73.8	73.6	73.6	73.6	73.7	73.7	73.7	73.8	74.0	74.3	74.7	74.8	75.0	75.0	74.9	74.8	74.6	74.5	74.3	74.2
26	74.2	74.1	74.0	73.8	73.7	73.6	73.5	73.3	73.3	73.3	73.3	73.4	73.7	74.0	74.9	74.8	74.9	75.0	74.8	74.7	74.5	74.4	74.3	74.2	74.1
27	74.2	74.1	74.0	73.9	73.9	73.8	73.8	73.8	73.7	73.7	73.7	73.7	73.8	73.7	73.5	73.4	73.3	73.3	73.2	73.2	73.1	73.0	73.0	72.9	73.6
28	72.8	72.7	72.7	72.6	72.5	72.4	72.3	72.2	72.1	72.1	72.1	72.2	72.3	72.6	72.7	72.8	73.0	73.1	73.2	73.1	73.0	73.2	73.3	73.2	72.7
29	73.1	73.1	73.0	72.9	72.9	72.8	72.7	72.5	72.5	72.5	72.6	72.8	73.2	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.0	74.2	74.3	74.2	73.4
30	74.1	74.0	73.9	73.6	73.4	73.2	73.1	73.0	73.0	72.9	72.8	72.9	73.0	73.3	73.5	73.7	73.7	73.8	73.8	73.7	73.6	73.6	73.5	73.4	73.4
31	73.3	73.2	73.1	72.9	72.8	72.7	72.5	72.5	72.5	72.7	72.7	72.8	73.0	73.2	73.3	73.5	73.9	74.1	74.2	74.2	74.2	74.1	74.1	74.0	73.3

MONTHLY AVERAGE 71.3

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

AUGUST 1984

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

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

SEPTEMBER 1984

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	75.6	75.6	75.5	75.4	75.2	75.1	75.0	74.9	74.8	74.8	75.0	75.2	75.3	75.4	75.5	75.5	75.5	75.4	75.3	75.1	75.0	74.8	74.7	74.6	75.2
2	74.4	74.3	74.1	74.0	73.9	73.8	73.7	73.6	73.6	73.6	73.6	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.8	73.7	73.6	73.6	73.5	73.8
3	73.4	73.4	73.3	73.3	73.1	73.1	73.0	73.0	72.9	72.7	72.7	72.7	72.7	72.7	72.6	72.5	72.4	72.3	72.3	72.2	72.1	72.2	72.1	72.0	72.7
4	71.9	71.9	71.8	71.7	71.7	71.6	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.7	71.6	71.6	71.6	71.5	71.4	71.3	71.3	71.6
5	71.2	71.2	71.1	71.0	70.9	70.8	70.8	70.9	71.1	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.7	71.5	71.2	71.1	71.0	70.9	70.7	70.6	71.2
6	70.5	70.4	70.2	70.1	70.0	69.9	69.9	69.9	70.2	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.5	70.3	70.1	70.0	69.7	69.7	69.6	69.4	70.2
7	69.3	69.2	69.1	69.0	68.9	68.8	68.8	68.9	68.9	69.0	69.1	69.4	69.6	69.8	70.1	70.1	70.2	70.0	69.7	69.4	69.0	68.9	68.8	68.7	69.3
8	68.6	68.6	68.5	68.5	68.5	68.4	68.3	68.3	68.3	68.4	68.5	68.9	69.2	69.5	69.7	69.9	70.0	69.8	69.4	69.1	68.9	68.8	68.5	68.5	68.9
9	68.3	68.3	68.2	68.2	68.1	68.1	68.0	68.0	68.0	68.0	68.2	68.6	68.9	69.2	69.5	69.6	69.5	69.5	69.2	68.9	68.7	68.6	68.5	68.4	68.6
10	68.4	68.4	68.3	68.3	68.3	68.3	68.2	68.2	68.3	68.3	68.3	68.4	68.5	68.6	68.6	68.8	68.9	68.9	68.9	69.0	68.9	68.8	68.8	68.7	68.5
11	68.6	68.7	68.7	68.7	68.6	68.6	68.5	68.6	68.6	68.6	68.7	68.8	69.0	69.1	69.2	69.2	69.1	69.3	69.3	69.2	69.4	69.1	69.2	69.2	68.9
12	69.2	69.3	69.3	69.3	69.3	69.1	69.1	69.0	68.9	69.0	69.1	69.2	69.4	69.5	69.6	69.7	69.8	69.8	69.7	69.7	69.6	69.3	69.3	69.2	69.4
13	69.1	69.0	69.0	68.9	68.9	68.8	68.7	68.7	68.7	68.7	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.1	69.2	69.1	69.1	69.1	69.0	69.0
14	68.9	68.9	68.9	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.2	69.2	69.1	69.1	69.0
15	69.0	69.0	68.9	68.8	68.8	68.7	68.5	68.4	68.4	68.3	68.3	68.2	68.1	68.1	67.9	67.8	67.7	67.7	67.5	67.4	67.3	67.3	67.2	67.1	68.1
16	67.0	66.8	66.7	66.6	66.4	66.3	66.1	66.0	66.0	66.0	66.1	66.5	66.6	66.7	66.8	67.0	66.9	66.8	66.8	66.7	66.8	66.8	66.7	66.6	66.6
17	66.4	66.2	66.1	65.9	65.8	65.8	65.7	65.8	65.7	65.6	65.9	66.3	66.7	67.0	67.2	67.3	67.4	67.4	67.3	67.1	67.0	66.9	66.8	66.7	66.5
18	66.7	66.5	66.5	66.5	66.3	66.2	66.0	65.9	65.9	65.9	66.0	66.2	66.5	66.7	66.8	66.9	66.9	66.9	66.5	66.2	65.9	65.6	65.4	65.3	66.3
19	65.3	65.2	65.3	65.3	65.2	65.1	65.1	65.1	65.1	65.2	65.3	65.5	65.8	66.1	66.2	66.2	66.3	66.2	66.0	65.9	65.7	65.7	65.8	65.7	65.6
20	65.7	65.7	65.7	65.7	65.6	65.5	65.4	65.3	65.3	65.3	65.4	65.6	65.9	66.2	66.5	66.5	66.4	66.3	66.0	65.8	65.8	65.7	65.6	65.6	65.8
21	65.6	65.7	65.7	65.7	65.7	65.7	65.6	65.5	65.5	65.6	65.7	65.9	66.1	66.3	66.5	66.6	66.6	66.6	66.5	66.4	66.3	66.1	66.1	65.9	66.0
22	65.8	65.6	65.5	65.4	65.3	65.2	65.1	65.0	64.9	64.9	65.0	65.2	65.4	65.6	65.9	66.1	66.1	66.1	66.0	65.7	65.3	65.1	65.1	65.0	65.4
23	65.1	65.0	65.0	65.0	65.0	64.9	64.8	64.8	64.8	64.9	65.1	65.5	65.8	66.0	66.1	66.3	66.2	66.1	65.9	65.5	65.3	65.3	65.3	65.3	65.4
24	65.3	65.4	65.4	65.2	65.5	65.4	65.4	65.4	65.4	65.5	65.6	65.8	66.0	66.2	66.5	66.7	66.8	66.9	67.0	67.3	67.7	67.8	67.7	67.7	66.2
25	67.7	67.5	67.3	67.1	66.8	66.6	66.6	66.6	66.7	66.8	67.0	67.0	67.1	67.3	67.5	67.5	67.5	67.3	67.2	67.1	67.1	67.3	67.3	67.3	67.1
26	67.3	67.3	67.2	67.1	67.0	66.9	66.8	66.7	66.6	66.5	66.4	66.3	66.4	66.5	66.7	66.9	67.0	67.0	66.9	66.8	66.7	66.6	66.5	66.3	66.8
27	66.2	66.0	65.8	65.6	65.4	65.2	65.0	64.9	64.8	64.8	65.0	65.0	65.0	65.1	65.3	65.5	65.4	65.3	65.2	65.1	65.1	65.0	64.9	64.9	65.2
28	64.9	64.8	64.8	64.8	64.7	64.6	64.5	64.5	64.4	64.4	64.4	64.7	65.0	65.1	65.2	65.1	65.0	64.9	64.7	64.6	64.5	64.4	64.3	64.3	64.7
29	64.3	64.2	64.2	64.1	64.0	64.0	64.0	63.9	63.9	63.9	64.0	64.1	64.2	64.2	64.3	64.3	64.4	64.5	64.5	64.6	64.7	64.7	64.8	64.8	64.3
30	64.8	64.7	64.7	64.6	64.6	64.5	64.4	64.3	64.1	64.0	64.0	64.3	64.5	64.7	64.9	64.9	64.9	64.8	64.6	64.4	64.3	64.2	64.1	64.0	64.5
																								MONTHLY AVERAGE	68.0

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

OCTOBER 1984

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	63.9	63.8	63.7	63.7	63.7	63.6	63.5	63.4	63.3	63.3	63.3	63.3	63.1	63.0	62.9	62.5	62.7	62.6	62.5	62.4	62.4	62.3	62.2	62.4	63.1
2	62.0	62.0	61.9	61.8	61.6	61.5	61.4	61.2	61.0	60.9	61.0	60.9	60.7	60.6	60.6	60.5	60.4	60.4	60.3	60.2	60.0	59.9	59.7	59.6	60.8
3	59.5	59.3	59.2	59.1	58.9	58.9	58.8	58.7	58.6	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.2
4	59.5	59.5	59.4	59.4	59.3	59.2	59.1	59.0	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.2	59.1	59.0	58.8	59.2
5	58.7	58.6	58.5	58.5	58.4	58.3	58.2	58.1	58.1	58.0	57.9	58.0	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.1	58.0	57.9	57.7	58.2
6	57.7	57.6	57.4	57.3	57.2	57.0	56.8	56.6	56.6	56.7	56.8	56.8	56.8	56.9	57.0	57.0	57.1	56.9	56.7	56.6	56.5	56.4	56.3	56.2	56.9
7	56.0	56.0	55.9	55.8	55.7	55.6	55.5	55.5	55.5	55.5	55.6	55.9	56.0	56.2	56.4	56.5	56.6	56.7	56.5	56.3	55.9	55.8	55.8	55.7	56.0
8	55.7	55.7	55.7	55.7	55.6	55.6	55.5	55.5	55.5	55.6	55.7	55.7	55.7	55.6	55.6	55.6	55.6	55.5	55.5	55.5	55.5	55.4	55.4	55.3	55.6
9	55.2	55.2	55.2	55.2	55.2	55.1	55.1	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.0	55.0	54.9	54.9	54.9	54.9	54.9	54.9	55.1
10	54.9	54.9	54.9	54.9	54.8	54.8	54.8	54.8	54.7	54.7	54.9	54.8	54.9	54.9	55.0	55.0	55.0	54.9	54.8	54.7	54.7	54.7	54.7	54.7	54.8
11	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.5	55.6	55.7	55.8	55.8	55.9	55.9	56.0	56.0	56.0	55.3
12	55.9	55.9	55.8	55.8	55.7	55.6	55.6	55.5	55.5	55.5	55.7	55.8	55.9	56.1	56.4	56.6	56.7	56.7	56.6	56.6	56.8	56.9	56.9	56.9	56.1
13	56.9	56.9	56.9	56.9	56.8	56.7	56.7	56.7	56.7	56.7	56.8	56.9	57.0	57.1	57.2	57.2	57.3	57.2	57.1	57.1	57.0	56.9	56.9	56.8	56.9
14	56.7	56.6	56.5	56.5	56.4	56.3	56.2	56.1	56.1	56.1	56.2	56.3	56.4	56.6	56.8	56.8	56.7	56.6	56.4	56.4	56.3	56.2	56.2	56.1	56.4
15	56.0	56.0	55.8	55.7	55.6	55.6	55.6	55.8	56.1	56.6	57.5	58.5	59.3	59.8	60.1	60.3	60.4	60.4	60.4	60.5	60.5	60.6	60.6	60.7	58.3
16	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.4	61.7	61.6	61.5	61.6	61.6	61.5	61.5	61.3	61.2	61.1	61.0	60.9	60.8	61.1
17	60.6	60.4	60.3	60.1	60.0	59.9	59.8	59.7	59.8	59.8	60.0	59.9	59.8	59.7	59.6	59.5	59.4	59.3	59.3	59.4	59.5	59.4	59.4	59.3	59.7
18	59.3	59.3	59.3	59.3	59.4	59.5	59.6	59.8	59.9	60.0	60.3	60.7	61.1	61.2	61.5	61.6	61.6	61.5	61.3	61.3	61.2	61.2	61.2	61.1	60.5
19	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3	61.6	61.8	61.9	61.9	62.1	62.1	62.0	61.9	61.7	61.6	61.5	61.4	61.3	61.3	61.5
20	61.3	61.4	61.4	61.4	61.4	61.3	61.2	61.2	61.2	61.3	61.3	61.5	61.6	61.7	61.9	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.3	62.3	61.7
21	62.3	62.2	62.1	62.0	61.9	61.7	61.5	61.4	61.3	61.3	61.4	61.4	61.4	61.4	61.3	60.9	60.6	60.5	60.3	60.2	60.1	60.0	60.0	60.1	61.1
22	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.5	60.8	60.7	60.5	60.3	60.1	59.8	59.7	59.5	59.3	59.2	59.1	59.0	58.9	58.9	58.9	59.9
23	58.9	59.0	59.1	59.2	59.2	59.1	59.1	59.2	59.4	59.7	59.7	59.6	59.5	59.5	59.2	58.7	58.2	58.2	58.2	58.1	58.1	57.9	57.8	57.7	58.8
24	57.7	57.6	57.7	57.7	57.7	57.7	57.7	57.6	57.6	58.0	58.6	58.9	58.9	59.0	59.0	59.1	59.0	58.6	58.3	58.6	58.6	58.6	58.5	58.4	58.3
25	58.1	57.9	57.7	57.7	57.7	57.6	57.7	57.7	57.9	58.3	58.8	59.2	59.6	59.9	60.1	60.1	59.9	59.8	60.0	60.3	60.4	60.5	60.5	60.5	59.1
26	60.4	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.3	60.4	60.4	60.7	60.9	60.9	60.9	60.9	60.9	60.8	60.7	60.2	59.9	59.9	59.8	59.7	60.4
27	59.4	59.1	59.0	58.9	58.8	58.6	58.5	58.4	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.3	58.3	58.2	58.2	58.4	58.4	58.5	58.5
28	58.6	58.7	58.8	58.8	58.8	58.9	59.0	59.1	59.3	59.5	59.7	59.9	60.1	60.5	61.0	61.3	60.7	60.5	60.8	60.9	60.9	60.9	60.8	60.7	59.9
29	60.5	60.4	60.2	60.1	60.0	59.9	59.8	59.8	59.7	59.7	59.8	59.7	59.6	59.5	59.5	59.2	59.1	58.9	58.6	58.4	58.2	58.1	58.1	58.3	59.4
30	58.3	58.5	58.6	58.5	58.5	58.7	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.2	59.3	59.5	60.0	60.6	60.5	60.3	60.1	60.0	59.9	59.9	59.3
31	59.9	59.8	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.3	60.6	60.7	60.8	60.6	59.9	58.8	58.1	58.0	57.8	57.7	59.6

MONTHLY AVERAGE 58.7

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

NOVEMBER 1984

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	57.5	57.3	57.3	57.4	57.5	57.5	57.7	57.8	58.0	58.4	58.8	58.9	58.8	58.7	58.5	58.4	58.3	58.0	58.0	58.0	57.8	57.7	57.7	57.6	58.0
2	57.6	57.6	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.1	58.7	59.3	59.5	59.5	59.6	59.7	59.8	59.8	59.8	59.7	59.5	59.3	58.9	58.7
3	58.7	58.4	58.2	58.0	57.8	57.6	57.5	57.4	57.4	57.3	57.4	57.6	57.8	58.0	58.1	58.3	58.3	58.2	57.9	57.8	57.7	57.3	57.2	57.0	57.8
4	57.0	56.8	56.7	56.6	56.5	56.3	56.2	56.0	56.0	56.2	56.6	56.8	57.1	57.2	57.4	57.4	57.2	57.0	57.2	57.4	57.1	57.2	57.1	57.0	56.8
5	56.9	56.8	56.9	56.8	56.7	56.7	56.7	56.7	56.7	56.8	57.2	57.8	57.9	57.4	56.6	55.8	55.2	54.6	54.4	54.1	53.8	53.6	53.3	53.1	55.9
6	53.0	52.9	53.0	53.0	52.9	53.0	53.2	53.3	53.7	54.3	54.9	55.0	55.1	54.5	54.0	53.6	53.1	52.8	52.6	52.4	52.2	52.0	52.0	51.9	53.3
7	51.8	51.8	51.7	51.7	51.6	51.6	51.6	51.7	51.9	52.9	53.3	53.1	52.9	52.5	52.2	51.9	51.8	51.6	51.2	50.9	50.5	50.4	50.4	50.3	51.7
8	50.3	50.3	50.2	50.1	50.0	49.8	49.5	49.7	49.7	49.8	50.0	50.1	50.3	50.4	50.3	50.0	50.1	50.0	49.8	49.6	49.4	49.3	49.0	48.8	49.9
9	48.6	48.4	48.3	48.2	48.2	48.4	49.5	49.7	49.2	48.9	49.0	49.0	49.1	49.1	49.2	49.3	49.4	49.2	48.7	48.6	48.6	48.6	48.6	48.9	48.9
10	49.5	49.9	50.2	50.4	50.6	50.7	50.9	51.1	51.3	51.5	51.6	52.0	52.6	52.6	52.6	52.1	51.8	51.1	51.0	50.8	50.0	49.4	49.3	49.3	50.9
11	49.3	49.3	49.6	49.9	50.2	50.4	50.6	50.8	51.1	51.7	51.9	51.8	51.5	51.4	51.7	52.0	51.7	51.7	51.0	50.1	49.6	49.6	49.7	49.9	50.7
12	50.3	50.5	51.0	51.3	51.5	51.7	51.9	52.0	52.2	52.5	53.1	53.1	53.0	52.4	51.6	51.1	50.7	50.3	49.9	49.7	49.5	49.3	49.3	49.2	51.1
13	49.2	49.1	49.1	49.0	48.9	48.9	48.9	48.9	48.8	49.0	49.2	49.1	49.2	49.1	49.1	48.9	48.8	48.3	48.0	47.9	47.8	47.7	47.6	47.5	48.7
14	47.5	47.4	47.3	47.1	47.0	46.9	46.8	46.7	46.6	46.7	46.9	47.0	47.0	46.8	46.7	46.7	46.6	46.6	46.3	46.0	45.9	45.6	45.7	45.7	46.6
15	45.8	45.8	45.9	45.7	45.8	45.7	45.7	45.7	45.7	45.8	46.0	46.2	46.4	46.3	46.3	46.2	46.0	45.9	45.6	45.5	45.4	45.3	45.1	45.0	45.8
16	45.0	44.9	45.0	44.9	45.0	44.9	44.9	44.8	44.7	44.9	44.9	44.6	44.7	45.0	45.1	45.1	45.0	45.0	44.7	44.2	44.0	43.8	43.7	43.6	44.7
17	43.5	43.5	43.7	43.9	44.0	44.0	44.0	44.0	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.4	44.5	44.6	44.0	43.3	42.9	42.7	42.9	42.9	43.8
18	42.8	42.7	42.7	42.9	43.5	44.1	44.5	44.8	45.2	45.5	45.7	45.9	46.3	46.0	45.8	45.7	45.5	45.2	45.3	44.3	43.4	42.9	42.9	43.0	44.4
19	43.0	42.9	43.0	43.2	43.9	44.6	45.0	45.3	45.8	46.4	45.8	45.3	44.3	43.7	43.7	43.6	43.6	43.5	42.7	41.8	41.5	41.3	41.3	41.6	43.6
20	42.0	42.4	42.5	42.4	42.4	42.5	42.6	43.0	44.1	44.0	42.6	41.5	41.2	41.3	41.6	42.0	42.5	42.7	42.0	41.2	41.0	40.8	40.8	41.1	42.1
21	41.5	41.8	41.8	41.9	42.0	42.1	42.3	42.9	43.6	43.1	41.7	40.7	40.6	40.6	41.0	41.3	41.9	43.0	41.6	40.9	40.5	40.4	40.3	40.4	41.6
22	40.4	40.6	40.7	41.0	41.4	42.0	42.5	42.9	43.3	43.9	44.8	45.3	44.3	43.1	42.1	41.5	41.1	40.8	40.6	40.6	40.6	40.6	40.6	40.6	41.9
23	40.6	40.5	40.3	40.4	40.6	41.0	41.5	42.0	42.8	43.5	42.9	41.4	40.2	39.7	39.6	39.7	39.9	40.8	40.3	39.4	39.5	39.4	39.7	40.0	40.7
24	40.1	40.3	40.4	40.5	40.8	41.1	41.5	41.8	42.2	43.0	43.2	41.8	40.7	40.0	39.7	39.7	39.9	39.7	39.1	38.7	38.6	38.5	38.5	38.5	40.3
25	38.5	38.4	38.5	38.9	39.8	40.3	40.6	41.1	41.5	41.9	42.5	43.2	43.1	42.3	42.0	41.7	41.3	41.2	41.1	39.7	39.0	38.7	38.8	38.8	40.5
26	38.7	38.7	38.7	38.6	38.7	39.3	40.3	40.8	41.3	42.0	42.6	42.9	42.6	42.6	42.6	42.5	42.3	42.2	40.9	40.5	40.1	39.9	39.7	39.6	40.8
27	39.6	39.9	40.7	41.4	41.8	42.1	42.4	42.6	42.9	43.1	43.6	43.5	42.5	41.0	40.6	40.5	40.4	40.9	40.8	40.0	39.4	39.2	39.2	39.1	41.1
28	39.1	39.0	39.0	39.5	40.3	41.1	41.7	42.2	42.5	43.1	43.8	42.5	40.9	40.5	40.3	40.4	40.5	39.8	39.5	39.4	39.3	39.4	39.4	39.4	40.5
29	39.4	39.5	40.1	40.9	41.7	42.4	42.9	43.4	43.8	44.5	43.9	42.3	41.2	40.6	40.3	40.3	40.3	40.8	41.1	40.6	40.4	40.3	40.2	40.0	41.3
30	40.0	40.1	40.8	41.7	42.2	43.0	43.5	44.0	44.5	45.2	44.1	42.2	41.1	40.8	40.6	40.6	40.5	40.5	40.4	40.4	40.4	40.3	40.3	40.3	41.6

MONTHLY AVERAGE 47.1

AVERAGE HOURLY TEMPERATURE IN °F

STATION 3

DECEMBER 1984

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	40.2	40.3	40.2	40.2	40.3	40.9	41.3	41.3	40.8	40.6	40.6	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.7	40.7	40.6	40.5	40.5	40.4	40.6
2	40.5	40.3	40.6	41.1	41.6	40.9	40.3	40.1	40.1	40.1	40.1	40.2	40.2	40.2	40.1	40.1	40.0	39.9	39.9	39.9	39.7	39.7	39.6	39.5	40.2
3	39.5	39.5	39.4	39.4	39.4	40.3	41.4	42.2	43.2	41.9	40.8	40.3	40.0	40.0	39.9	40.6	40.6	39.7	39.5	39.4	39.4	39.4	39.4	39.3	40.2
4	39.2	39.3	39.4	39.7	40.2	40.4	41.7	42.2	41.0	40.1	39.8	39.5	39.4	39.3	39.3	39.3	39.3	39.2	39.1	39.0	38.9	38.8	38.8	38.6	39.6
5	38.6	38.5	38.3	38.3	38.5	38.9	39.2	39.6	41.1	42.0	40.5	39.2	38.8	38.7	38.8	39.0	39.0	38.9	38.6	38.4	38.2	38.0	38.0	37.9	39.0
6	37.9	37.8	37.7	37.9	38.6	39.5	40.1	40.6	41.3	42.1	39.8	38.1	37.6	37.5	37.6	37.6	38.4	38.7	37.9	37.6	37.9	37.9	37.7	37.7	38.6
7	37.9	38.2	38.3	38.2	38.3	38.8	39.5	40.4	41.0	41.5	42.4	42.7	40.5	38.8	38.0	37.9	37.9	38.2	37.1	36.5	36.4	36.3	36.3	36.6	38.7
8	36.7	36.9	36.8	36.8	37.1	37.7	38.4	39.0	39.7	40.2	40.7	41.0	41.4	41.9	42.2	42.5	42.7	42.9	43.1	41.9	40.9	40.3	40.0	39.8	40.0
9	39.4	39.0	38.6	38.8	39.2	39.5	39.7	40.0	40.3	40.6	40.9	41.3	41.6	41.8	41.9	42.2	42.3	42.5	42.6	41.4	40.3	39.8	39.4	39.0	40.5
10	38.3	38.1	38.2	38.3	38.3	38.6	39.1	39.5	40.1	41.1	39.7	37.4	36.2	35.8	35.8	35.9	36.4	36.5	35.8	35.6	35.5	35.5	35.5	35.5	37.4
11	35.5	35.4	35.4	35.4	35.5	35.8	36.2	36.7	38.2	40.0	38.4	36.9	36.3	36.2	36.3	36.3	36.2	36.1	36.0	35.9	35.9	36.0	35.9	36.1	36.4
12	35.9	36.1	36.2	36.3	36.2	36.4	36.5	37.0	38.1	40.3	39.1	37.5	36.8	36.6	36.4	36.3	36.3	36.2	36.2	36.1	36.2	36.1	36.0	36.1	36.7
13	36.1	36.2	36.2	36.4	36.6	36.6	36.7	37.3	38.6	40.6	38.9	37.4	36.8	36.7	36.7	36.7	36.6	36.5	36.5	36.4	36.3	36.3	36.2	36.1	36.9
14	36.2	36.2	36.3	36.3	36.2	35.9	35.9	36.1	37.4	39.9	38.5	37.0	36.7	36.6	37.2	37.4	37.7	37.6	36.7	36.4	36.4	36.3	36.3	36.3	36.8
15	36.2	36.2	36.3	36.3	36.3	36.5	36.7	36.5	36.6	38.9	38.0	36.6	36.5	35.7	35.9	35.6	35.6	35.7	35.9	35.9	36.0	36.1	35.9	35.8	36.3
16	35.8	35.8	35.9	35.8	35.9	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.1	36.3	36.5	36.5	36.3	36.1	36.1	36.0	35.9	35.9	36.1
17	36.3	36.5	36.8	37.4	37.6	37.5	37.3	37.6	39.9	40.1	38.2	37.3	37.1	37.2	37.2	37.2	37.2	37.1	37.1	37.0	36.9	36.8	36.7	36.8	37.4
18	37.0	37.2	37.2	37.2	37.4	37.7	37.9	38.6	40.5	39.4	37.8	37.1	36.8	36.7	36.7	36.6	36.6	36.5	36.4	36.3	36.3	36.3	36.3	36.3	37.2
19	36.3	36.2	36.2	36.2	35.9	35.7	35.8	37.2	38.9	39.0	37.4	36.6	36.4	36.3	36.2	36.1	35.9	35.9	35.9	35.8	35.8	35.9	36.0	36.0	36.4
20	36.1	36.1	36.1	36.1	36.2	36.2	36.3	36.3	36.3	36.2	36.1	36.5	36.4	36.4	36.5	36.5	36.5	36.4	36.4	36.4	36.3	36.3	36.3	36.4	36.3
21	36.3	36.4	36.5	36.4	36.3	36.0	35.7	36.7	39.2	38.1	37.1	36.7	36.5	36.6	36.6	36.6	36.6	36.6	36.5	36.4	36.2	36.1	35.9	35.7	36.6
22	35.7	35.7	35.5	35.9	36.8	36.9	37.0	37.0	36.7	37.2	37.3	36.4	36.1	36.1	36.1	36.0	36.1	37.6	37.3	36.4	36.1	36.1	35.9	35.8	36.4
23	35.9	36.1	36.0	36.3	36.7	37.3	37.9	38.4	38.9	40.1	40.0	37.6	36.2	35.7	35.7	35.7	35.6	36.9	36.4	35.5	35.1	34.9	34.8	34.7	36.6
24	34.7	34.5	34.4	34.5	34.6	34.8	35.2	35.7	36.4	38.3	37.9	36.3	35.4	35.0	35.0	35.1	35.0	35.8	35.7	34.8	34.4	34.2	34.1	34.0	35.2
25	34.1	34.1	34.1	34.2	34.6	34.8	34.9	35.3	36.0	36.4	36.8	37.7	39.9	38.4	37.0	36.6	35.8	36.1	36.3	35.2	34.7	34.5	34.4	34.2	35.7
26	34.1	34.1	34.4	34.6	35.0	35.2	35.4	36.0	36.7	38.4	38.0	36.2	35.1	34.7	34.7	34.7	34.7	35.5	34.7	34.1	33.8	33.7	33.8	33.8	35.1
27	33.8	33.7	33.6	33.6	34.0	34.6	35.3	35.8	36.5	36.8	36.9	35.2	34.5	34.4	34.2	34.1	34.4	36.0	36.2	35.0	34.3	34.3	34.2	34.2	34.8
28	34.2	34.1	34.2	34.5	35.0	35.4	35.8	36.3	36.9	38.4	37.5	35.6	34.8	34.5	34.3	34.4	34.5	35.8	36.5	35.0	34.1	33.8	33.8	33.7	35.1
29	33.8	33.8	33.9	34.2	34.7	35.4	35.9	36.3	36.7	37.7	39.1	39.6	39.1	38.0	36.5	35.4	34.6	34.2	34.0	33.8	33.7	33.7	33.6	33.5	35.5
30	33.7	33.5	33.2	33.1	32.8	32.8	32.7	32.6	32.6	32.7	32.7	32.8	32.8	32.9	32.8	32.8	32.8	32.7	32.7	32.6	32.6	32.6	32.6	32.5	32.8
31	32.6	32.6	32.7	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.8	32.8	32.7	32.7	32.7	32.8	32.8	32.9	33.0	33.0	32.7

MONTHLY AVERAGE 37.0

DISSOLVED OXYGEN (MG/L)

JANUARY 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	14.0	(0610)	13.9	(1720)	13.9	14.1	(2030)	14.0	(0850)	14.0
2	14.0	(0600)	13.9	(1820)	13.9	14.0	(2050)	13.9	(0850)	14.0
3	14.0	(0500)	13.9	(1710)	13.9	14.1	(0810)	13.8	(1450)	13.9
4	14.0	(2330)	13.9	(1400)	14.0	14.0	(1810)	13.8	(1310)	13.9
5	14.1	(2110)	14.0	(0830)	14.0	14.2	(2010)	14.0	(0010)	14.1
6	14.0	(0020)	13.9	(0410)	13.9	14.2	(1050)	14.1	(1940)	14.1
7	14.0	(0010)	13.8	(1330)	13.9	14.1	(1040)	13.9	(1710)	14.0
8	13.9	(0010)	13.7	(2130)	13.8	14.0	(0310)	13.8	(1330)	13.9
9	13.8	(0020)	13.6	(1750)	13.7	13.9	(0310)	13.8	(1700)	13.8
10	13.7	(1520)	13.7	(1200)	13.7	13.8	(0650)	13.6	(0830)	13.7
11	13.8	(0540)	13.7	(2000)	13.7	13.8	(1620)	13.6	(0540)	13.7
12	13.7	(0040)	13.6	(1140)	13.6	13.8	(0950)	13.7	(2340)	13.7
13	13.7	(2300)	13.7	(1230)	13.7	13.7	(0050)	13.6	(2350)	13.7
14	13.8	(0600)	13.7	(1130)	13.7	13.8	(1100)	13.5	(0050)	13.7
15	13.8	(0540)	13.5	(2140)	13.7	13.8	(1730)	13.2	(1100)	13.6
16	13.7	(1800)	13.6	(0010)	13.7	13.8	(1500)	13.3	(0810)	13.6
17	13.8	(0640)	13.7	(2000)	13.7	13.9	(1820)	13.2	(0810)	13.7
18	13.8	(1840)	13.7	(1720)	13.7	13.9	(1810)	13.3	(0810)	13.7
19	13.8	(1430)	13.7	(1100)	13.8	13.8	(1830)	13.1	(0810)	13.6
20	13.8	(0200)	13.6	(2100)	13.7	14.0	(1830)	13.1	(0810)	13.8
21	13.7	(0600)	13.6	(0740)	13.7	14.0	(0920)	13.8	(1520)	13.9
22	NO VALID DATA					13.9	(0950)	13.6	(2130)	13.7
23	NO VALID DATA					13.9	(1300)	13.6	(0150)	13.8
24	NO VALID DATA					13.8	(0730)	13.5	(2310)	13.6
25	13.6	(1900)	13.4	(0020)	13.5	13.5	(2350)	13.1	(0810)	13.4
26	13.5	(1000)	13.3	(2350)	13.4	13.5	(0010)	13.0	(0820)	13.4
27	13.3	(0200)	13.0	(2310)	13.1	13.4	(0200)	13.0	(1750)	13.2
28	13.1	(2010)	12.9	(0220)	13.0	13.5	(1800)	12.8	(1100)	13.2
29	13.3	(2350)	13.1	(0220)	13.2	13.5	(0250)	13.0	(1130)	13.3
30	13.5	(1840)	13.0	(2150)	13.2	13.5	(2110)	12.9	(0820)	13.3
31	13.3	(2150)	13.1	(0010)	13.2	13.6	(1250)	12.9	(0810)	13.4

DISSOLVED OXYGEN (MG/L)

FEBRUARY 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	13.3	(1600)	13.2	(0010)	13.3	13.6	(0220)	13.0	(0450)	13.4
2	13.6	(1700)	13.3	(0020)	13.5	13.5	(2200)	13.1	(1740)	13.4
3	13.6	(1450)	13.5	(0040)	13.5	13.5	(1530)	12.9	(0800)	13.4
4	13.5	(0500)	13.4	(2010)	13.4	13.5	(0220)	12.9	(0920)	13.3
5	13.5	(0900)	13.4	(0330)	13.4	13.5	(1510)	12.8	(1120)	13.2
6	13.6	(2210)	13.4	(0230)	13.5	13.5	(1900)	12.9	(0750)	13.4
7	13.5	(0030)	13.3	(2350)	13.5	13.5	(1030)	13.3	(0630)	13.4
8	13.6	(1400)	13.3	(0040)	13.5	13.7	(2100)	13.0	(0720)	13.4
9	13.6	(1530)	13.4	(1140)	13.5	13.7	(1920)	12.9	(0810)	13.4
10	13.6	(0400)	13.4	(1220)	13.5	13.6	(2240)	13.1	(0800)	13.5
11	13.6	(1720)	13.5	(1100)	13.6	13.6	(1730)	13.0	(0830)	13.4
12	13.6	(0720)	13.5	(1840)	13.6	13.6	(2100)	13.0	(0910)	13.4
13	13.6	(0300)	13.4	(1820)	13.5	13.6	(1150)	13.0	(0810)	13.4
14	13.7	(2350)	13.5	(0250)	13.6	13.6	(2350)	13.4	(0040)	13.5
15	13.8	(2300)	13.6	(0440)	13.7	13.6	(1210)	13.5	(1520)	13.5
16	14.0	(1920)	13.8	(0710)	13.9	14.2	(2010)	13.6	(0010)	14.0
17	14.2	(1320)	14.1	(2330)	14.1	14.5	(2300)	14.3	(1750)	14.3
18	14.1	(0740)	14.0	(1910)	14.0	14.6	(2000)	14.5	(1550)	14.5
19	14.2	(1000)	14.1	(2210)	14.1	14.7	(1640)	14.6	(0900)	14.7
20	14.2	(0120)	14.0	(2230)	14.1	14.8	(0950)	14.6	(1810)	14.7
21	14.2	(2350)	14.0	(0140)	14.1	14.8	(0030)	14.3	(1310)	14.5
22	14.3	(1220)	14.2	(1930)	14.2	NO VALID DATA				
23	14.2	(0650)	13.9	(1120)	14.1	NO VALID DATA				
24	13.9	(0030)	13.5	(2040)	13.6	NO VALID DATA				
25	13.6	(1010)	13.3	(2350)	13.5	NO VALID DATA				
26	13.5	(2330)	13.3	(0310)	13.4	NO VALID DATA				
27	13.8	(0930)	13.5	(0050)	13.6	NO VALID DATA				
28	NO VALID DATA					NO VALID DATA				
29	NO VALID DATA					NO VALID DATA				

DISSOLVED OXYGEN (MG/L)

MARCH 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	14.3	(2010)	14.2	(0010)	14.3	14.7	(2350)	14.5	(1420)	14.6
2	14.3	(0110)	14.2	(1730)	14.2	15.0	(1130)	14.7	(2200)	14.8
3	14.3	(0640)	14.1	(2230)	14.2	14.8	(0840)	14.6	(1500)	14.7
4	14.1	(0400)	14.0	(1310)	14.1	14.7	(0440)	14.5	(1400)	14.6
5	14.2	(2210)	14.0	(0900)	14.0	14.6	(0310)	14.5	(1120)	14.5
6	14.2	(0340)	14.0	(2340)	14.1	14.5	(0150)	14.3	(1620)	14.4
7	14.0	(0320)	13.9	(1750)	14.0	14.4	(0010)	13.9	(1500)	14.2
8	14.0	(1000)	13.9	(1800)	14.0	14.1	(0910)	13.9	(0330)	14.0
9	14.1	(2340)	14.0	(1640)	14.0	14.3	(2010)	14.1	(0030)	14.2
10	14.1	(0250)	14.0	(1740)	14.0	14.2	(1120)	13.6	(1810)	14.1
11	14.1	(0400)	14.0	(1950)	14.1	14.1	(2240)	13.4	(1310)	13.6
12	14.2	(0340)	13.8	(1720)	14.0	14.2	(2130)	13.6	(0830)	14.1
13	14.0	(0220)	13.9	(1110)	14.0	14.2	(1930)	13.6	(0840)	14.1
14	14.2	(1430)	13.9	(2150)	14.1	14.0	(2020)	13.4	(0840)	13.8
15	14.0	(0620)	13.8	(1320)	13.9	14.0	(2030)	13.4	(0500)	13.8
16	14.0	(0800)	13.8	(0100)	13.9	14.0	(0600)	13.7	(1450)	13.8
17	14.0	(0030)	13.7	(1400)	13.8	14.0	(2000)	13.9	(0030)	13.9
18	13.8	(2330)	13.7	(1440)	13.8	14.0	(0300)	13.8	(1400)	13.9
19	13.8	(1520)	13.7	(2100)	13.8	13.9	(2010)	13.8	(1330)	13.9
20	13.8	(1410)	13.7	(0500)	13.8	NO VALID DATA				
21	14.0	(2340)	13.8	(0130)	13.9	13.8	(——)	13.8	(——)	13.8
22	14.3	(2340)	14.0	(0030)	14.1	13.8	(——)	13.8	(——)	13.8
23	14.4	(0910)	14.3	(0030)	14.4	13.8	(——)	13.8	(——)	13.8
24	14.5	(0740)	14.0	(2200)	14.2	13.8	(——)	13.8	(——)	13.8
25	14.2	(1220)	13.8	(2330)	14.0	13.8	(——)	13.8	(——)	13.8
26	13.8	(0010)	13.6	(2300)	13.7	13.8	(——)	13.8	(——)	13.8
27	13.7	(0750)	13.5	(1710)	13.6	13.8	(——)	13.8	(——)	13.8
28	13.8	(2350)	13.5	(1030)	13.7	NO VALID DATA				
29	13.9	(2350)	13.7	(1200)	13.8	13.7	(1000)	13.2	(2240)	13.2
30	14.1	(2250)	13.9	(1540)	14.0	13.5	(0820)	13.2	(0020)	13.4
31	14.1	(1710)	13.9	(1820)	14.0	13.5	(0900)	13.1	(0020)	13.4

DISSOLVED OXYGEN (MG/L)

APRIL 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	14.0	(0020)	13.4	(2330)	13.7	13.4	(0630)	13.2	(1800)	13.3
2	13.5	(0420)	13.0	(2140)	13.2	13.2	(0630)	13.0	(1900)	13.1
3	13.2	(0810)	12.9	(2100)	13.0	13.4	(1010)	12.9	(0010)	13.3
4	12.9	(2040)	12.6	(0130)	12.8	13.6	(2330)	13.4	(0520)	13.5
5	13.8	(2050)	13.2	(0300)	13.5	14.1	(2350)	13.5	(0930)	13.6
6	13.7	(1020)	13.4	(2350)	13.6	14.4	(0300)	14.2	(0010)	14.3
7	13.5	(1010)	13.2	(0150)	13.4	15.0	(2350)	14.5	(0100)	14.7
8	13.8	(0840)	13.5	(0010)	13.6	15.3	(1210)	15.0	(0010)	15.2
9	13.8	(0750)	13.6	(1650)	13.8	15.5	(0940)	15.2	(2100)	15.4
10	14.0	(0850)	13.6	(2350)	13.8	15.4	(1020)	15.2	(2330)	15.3
11	13.7	(0200)	13.3	(1440)	13.6	15.1	(0030)	14.3	(1820)	14.8
12	NO VALID DATA					NO VALID DATA				
13	13.4	(1100)	12.9	(2350)	13.1	NO VALID DATA				
14	12.6	(0010)	12.0	(1750)	12.2	13.7	(1630)	13.5	(0600)	13.6
15	12.6	(2330)	12.1	(0010)	12.3	13.8	(0900)	13.6	(0030)	13.8
16	13.2	(2250)	12.7	(0030)	13.0	14.2	(2350)	13.9	(1520)	14.0
17	13.3	(0400)	13.1	(1940)	13.2	14.4	(2030)	14.1	(0010)	14.2
18	13.2	(0900)	13.0	(2350)	13.1	14.3	(——)	14.3	(——)	14.3
19	13.2	(1220)	12.8	(2330)	13.0	14.0	(1200)	13.8	(2300)	13.9
20	12.9	(1200)	12.8	(2300)	12.8	13.9	(0100)	13.7	(2340)	13.8
21	12.8	(0930)	12.6	(1820)	12.8	13.7	(0030)	13.5	(2200)	13.6
22	12.9	(0920)	12.6	(2300)	12.8	13.6	(0810)	13.3	(2330)	13.4
23	12.8	(0900)	12.6	(2350)	12.7	13.3	(0030)	12.9	(2330)	13.1
24	12.5	(0010)	12.3	(2350)	12.4	12.9	(0030)	12.6	(1340)	12.8
25	12.4	(0010)	12.2	(0700)	12.2	12.9	(2330)	12.5	(1310)	12.7
26	12.5	(1300)	12.3	(0350)	12.4	13.0	(1300)	12.7	(0330)	12.9
27	12.4	(0540)	11.9	(2350)	12.2	13.0	(0930)	12.6	(2300)	12.8
28	12.0	(0610)	11.6	(2220)	11.8	12.6	(0010)	12.4	(1930)	12.5
29	11.6	(0010)	11.4	(1910)	11.5	12.4	(0010)	11.9	(1640)	12.1
30	11.4	(0050)	11.0	(2100)	11.2	11.9	(0010)	11.3	(2200)	11.6

DISSOLVED OXYGEN (MG/L)

MAY 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	11.1	(0010)	10.9	(1720)	11.0	11.4	(0200)	11.2	(1800)	11.2
2	11.2	(2350)	10.8	(0400)	11.0	11.3	(2330)	11.2	(0830)	11.2
3	11.4	(1000)	11.1	(2220)	11.2	11.4	(2230)	11.3	(0030)	11.4
4	11.5	(2200)	11.1	(0240)	11.3	12.0	(2300)	11.4	(0700)	11.7
5	11.7	(1300)	11.5	(0010)	11.6	12.6	(2230)	12.0	(0030)	12.3
6	11.7	(0810)	11.4	(2250)	11.6	12.7	(1000)	12.4	(1640)	12.5
7	11.5	(1000)	11.2	(2300)	11.4	12.5	(0900)	12.0	(2350)	12.3
8	11.2	(0100)	11.1	(1600)	11.1	12.0	(0030)	11.6	(1830)	11.8
9	NO VALID DATA					11.7	(0600)	11.5	(1700)	11.7
10	NO VALID DATA					11.7	(1100)	11.6	(0010)	11.6
11	NO VALID DATA					11.6	(1110)	11.4	(2220)	11.5
12	NO VALID DATA					11.4	(2340)	11.1	(1440)	11.2
13	NO VALID DATA					11.8	(2330)	11.4	(0020)	11.8
14	11.2	(1230)	11.1	(1900)	11.2	12.2	(1530)	12.0	(1800)	12.1
15	11.6	(2350)	11.2	(0010)	11.4	12.4	(0540)	12.0	(0020)	12.3
16	11.7	(1020)	11.6	(1850)	11.6	12.4	(0600)	12.2	(2330)	12.3
17	11.8	(1240)	11.6	(2350)	11.8	12.4	(0920)	12.2	(2330)	12.3
18	11.7	(1000)	11.4	(2350)	11.6	12.2	(0030)	11.9	(2330)	12.1
19	11.4	(0010)	11.2	(2350)	11.3	11.9	(0030)	11.5	(1900)	11.7
20	11.2	(0010)	10.8	(2350)	11.0	11.5	(0420)	11.1	(1900)	11.3
21	10.9	(1000)	10.4	(2350)	10.6	11.0	(2330)	11.2	(0310)	11.1
22	10.4	(0220)	10.1	(2350)	10.3	11.0	(0030)	10.6	(2330)	10.8
23	10.0	(0050)	9.6	(2250)	9.9	10.1	(1800)	10.6	(0030)	10.3
24	9.8	(1100)	9.5	(2350)	9.7	10.3	(0600)	9.7	(1910)	10.0
25	9.5	(0010)	9.3	(2350)	9.4	10.2	(1100)	9.8	(1800)	9.9
26	9.4	(2350)	9.2	(1500)	9.3	10.1	(1640)	9.8	(1730)	10.0
27	9.5	(1120)	9.4	(2150)	9.4	9.9	(0110)	9.6	(1110)	9.8
28	9.6	(2350)	9.4	(0010)	9.5	9.8	(2230)	9.4	(0930)	9.6
29	10.8	(2350)	9.7	(0010)	10.3	11.4	(2330)	9.7	(0730)	10.3
30	10.9	(2350)	10.7	(1240)	10.8	12.8	(2350)	11.4	(0010)	12.0
31	11.4	(1540)	10.9	(0010)	11.2	NO VALID DATA				

DISSOLVED OXYGEN (MG/L)

JUNE 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	11.5	(1540)	11.1	(1330)	11.3	12.8	(1200)	12.6	(2350)	12.7
2	11.4	(0420)	11.2	(2340)	11.3	12.6	(0010)	12.3	(2050)	12.5
3	11.2	(0010)	10.9	(2320)	11.1	12.3	(0010)	11.9	(1810)	12.2
4	10.9	(0430)	10.6	(2300)	10.8	11.9	(0010)	11.4	(2010)	11.6
5	10.7	(0800)	10.3	(2020)	10.5	11.3	(0010)	11.0	(1910)	11.1
6	10.4	(0600)	10.2	(2100)	10.3	11.1	(0010)	10.6	(2330)	10.8
7	10.3	(0010)	10.0	(2300)	10.1	10.9	(2350)	9.9	(1530)	10.4
8	10.2	(0400)	10.0	(1800)	10.1	11.3	(0920)	11.0	(1800)	11.1
9	10.1	(0300)	9.7	(2300)	9.9	11.0	(0010)	10.5	(1800)	10.8
10	9.6	(0030)	9.3	(2350)	9.5	10.6	(0250)	10.0	(1830)	10.4
11	9.3	(1020)	9.0	(2000)	9.2	10.1	(0010)	9.5	(2130)	9.8
12	9.0	(0010)	8.7	(2100)	8.9	9.5	(0020)	9.2	(1630)	9.3
13	8.8	(0200)	8.5	(2000)	8.6	9.2	(0010)	8.4	(1700)	8.8
14	8.6	(0010)	8.4	(2000)	8.5	8.8	(0630)	8.5	(1700)	8.6
15	8.9	(1900)	8.5	(0010)	8.7	9.0	(0900)	8.4	(1200)	8.6
16	9.2	(2100)	8.9	(0200)	9.1	9.1	(1930)	8.6	(0850)	8.9
17	9.4	(1210)	9.2	(2350)	9.3	9.3	(1840)	8.7	(0600)	9.0
18	9.3	(2200)	9.1	(1040)	9.2	9.0	(0010)	8.7	(2200)	8.9
19	9.4	(2000)	9.2	(0640)	9.3	8.9	(1930)	8.5	(0600)	8.8
20	9.4	(1040)	9.2	(2350)	9.3	9.4	(2200)	8.8	(0530)	9.1
21	9.3	(1320)	9.2	(0100)	9.2	9.6	(1930)	9.1	(0700)	9.4
22	9.2	(0910)	9.0	(2100)	9.1	10.0	(1830)	9.3	(0430)	9.6
23	9.1	(0950)	8.9	(1250)	9.0	10.0	(2220)	9.4	(0740)	9.6
24	9.1	(0700)	8.9	(2340)	9.0	9.8	(0020)	9.2	(1330)	9.3
25	8.9	(1000)	8.8	(1630)	8.9	NO VALID DATA				
26	NO VALID DATA					NO VALID DATA				
27	NO VALID DATA					9.4	(1840)	8.9	(0700)	9.2
28	8.8	(1400)	8.6	(2300)	8.7	10.2	(1900)	9.0	(0640)	9.5
29	8.6	(0040)	8.6	(1630)	8.6	9.9	(1700)	9.4	(0730)	9.6
30	8.6	(0010)	8.5	(1320)	8.5	9.4	(0010)	8.9	(2350)	9.2

DISSOLVED OXYGEN (MG/L)

JULY 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	8.5	(0030)	8.4	(1330)	8.5	9.2	(1900)	8.7	(0730)	8.9
2	8.6	(2340)	8.4	(1700)	8.5	9.0	(0010)	8.8	(0500)	8.9
3	8.6	(0020)	8.3	(1700)	8.6	9.1	(2030)	8.5	(0720)	8.8
4	8.4	(1900)	8.2	(1140)	8.3	9.0	(0010)	8.6	(0900)	8.7
5	8.4	(2200)	8.3	(0720)	8.4	8.6	(1900)	8.3	(0820)	8.5
6	8.4	(1220)	8.4	(0110)	8.4	8.4	(0010)	8.1	(0800)	8.2
7	8.8	(2340)	8.3	(0020)	8.5	8.7	(2350)	8.0	(1010)	8.2
8	8.9	(1230)	8.7	(0110)	8.8	8.9	(2130)	8.5	(0540)	8.7
9	8.6	(0020)	8.3	(2350)	8.5	9.1	(2350)	8.8	(1150)	8.9
10	8.3	(1200)	8.2	(0050)	8.2	9.1	(0210)	8.7	(1630)	8.9
11	8.1	(0020)	8.0	(1200)	8.0	8.6	(2000)	8.6	(0930)	8.6
12	NO VALID DATA					8.7	(1230)	8.2	(2330)	8.5
13	8.2	(0820)	8.0	(1620)	8.1	8.2	(1510)	8.2	(0810)	8.2
14	8.0	(0600)	7.7	(2350)	7.9	NO VALID DATA				
15	7.8	(0910)	7.6	(2300)	7.7	NO VALID DATA				
16	7.8	(1340)	7.7	(1930)	7.7	NO VALID DATA				
17	7.7	(0010)	7.5	(2330)	7.6	NO VALID DATA				
18	7.6	(2100)	7.5	(0850)	7.6	NO VALID DATA				
19	8.0	(1340)	7.7	(0010)	7.8	NO VALID DATA				
20	8.2	(1140)	7.9	(0030)	8.0	8.4	(0800)	7.8	(1300)	8.0
21	8.3	(1720)	8.1	(0540)	8.2	7.9	(0010)	7.7	(0730)	7.8
22	8.5	(1430)	8.3	(0320)	8.4	8.6	(1920)	7.7	(0810)	8.0
23	8.4	(0010)	8.2	(2350)	8.3	8.7	(1940)	8.0	(0730)	8.2
24	8.3	(1230)	8.0	(2200)	8.2	8.5	(1700)	8.1	(0710)	8.3
25	NO VALID DATA					8.7	(1900)	8.2	(0810)	8.5
26	8.4	(2030)	8.2	(0720)	8.4	8.6	(1930)	8.2	(0830)	8.5
27	8.4	(0010)	8.0	(1230)	8.1	8.5	(0010)	8.1	(2350)	8.3
28	8.0	(0010)	7.6	(1100)	7.7	8.5	(2140)	7.9	(0630)	8.2
29	7.8	(2100)	7.6	(0620)	7.7	8.5	(1800)	8.1	(0800)	8.3
30	7.8	(1500)	7.6	(0610)	7.7	8.4	(1920)	8.1	(1220)	8.3
31	7.8	(1630)	7.6	(0800)	7.7	8.3	(1830)	8.0	(0700)	8.2

DISSOLVED OXYGEN (MG/L)

AUGUST 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	7.7	(1750)	7.6	(0950)	7.6	8.2	(0010)	7.8	(0930)	7.9
2	7.6	(0010)	7.3	(1140)	7.4	7.9	(1510)	7.6	(0810)	7.7
3	7.3	(1710)	7.2	(0720)	7.2	7.8	(1640)	7.5	(0900)	7.7
4	7.2	(1920)	7.0	(0850)	7.0	7.6	(0010)	7.4	(1240)	7.5
5	6.9	(0300)	6.7	(2230)	6.8	7.4	(0920)	7.1	(1300)	7.2
6	6.9	(1730)	6.5	(0240)	6.8	7.2	(1540)	6.9	(1140)	7.0
7	6.8	(0020)	6.6	(2110)	6.7	7.0	(0010)	6.6	(1110)	6.7
8	6.7	(0020)	6.5	(2330)	6.6	6.8	(1830)	6.6	(0750)	6.7
9	6.5	(1800)	6.4	(0920)	6.4	6.7	(0010)	6.3	(2350)	6.4
10	6.5	(1640)	6.4	(1130)	6.4	6.6	(1950)	6.2	(0750)	6.4
11	6.4	(0530)	6.3	(2330)	6.4	6.6	(1610)	6.3	(1000)	6.5
12	6.3	(2120)	6.1	(1110)	6.2	6.9	(1840)	6.4	(0130)	6.6
13	6.7	(2350)	6.1	(0330)	6.4	6.7	(1150)	6.3	(1950)	6.5
14	6.9	(0030)	6.5	(1300)	6.6	6.3	(0020)	6.1	(0640)	6.2
15	6.6	(0020)	6.3	(2020)	6.5	6.8	(1800)	6.2	(0650)	6.4
16	6.4	(1830)	6.2	(1220)	6.4	6.8	(1110)	6.5	(0600)	6.6
17	6.4	(0030)	6.1	(2350)	6.2	NO VALID DATA				
18	6.1	(1320)	5.9	(2350)	6.0	NO VALID DATA				
19	NO VALID DATA					NO VALID DATA				
20	NO VALID DATA					NO VALID DATA				
21	NO VALID DATA					NO VALID DATA				
22	NO VALID DATA					NO VALID DATA				
23	7.0	(1400)	6.8	(2340)	6.9	NO VALID DATA				
24	7.2	(1610)	6.7	(0330)	7.0	7.5	(1850)	7.2	(0750)	7.4
25	7.2	(1250)	7.0	(1050)	7.1	7.8	(1840)	7.2	(0730)	7.4
26	7.3	(2250)	7.0	(2050)	7.2	8.1	(1740)	7.5	(0840)	7.8
27	7.4	(1820)	7.0	(0230)	7.2	8.0	(1400)	7.6	(2340)	7.8
28	7.4	(2210)	7.1	(0510)	7.2	7.7	(1620)	7.4	(0900)	7.5
29	7.5	(2340)	7.3	(0140)	7.4	7.5	(1910)	7.2	(0940)	7.4
30	7.7	(2320)	7.5	(1520)	7.6	7.5	(1540)	7.2	(0800)	7.4
31	7.7	(0010)	7.3	(2240)	7.5	8.0	(2020)	7.3	(0750)	7.6

DISSOLVED OXYGEN (MG/L)

SEPTEMBER 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	7.4	(0220)	7.2	(1140)	7.3	8.2	(1800)	7.8	(0910)	8.0
2	7.3	(2320)	7.1	(0630)	7.2	8.3	(1800)	7.8	(0850)	8.0
3	7.3	(2100)	7.2	(1300)	7.3	8.1	(0010)	7.5	(2350)	7.8
4	7.4	(2240)	7.3	(0010)	7.4	7.5	(0010)	7.3	(1250)	7.4
5	7.4	(2140)	7.3	(0300)	7.4	7.5	(1700)	7.3	(1240)	7.4
6	7.5	(1930)	7.4	(0040)	7.5	NO VALID DATA				
7	7.7	(2120)	7.6	(0010)	7.6	NO VALID DATA				
8	7.9	(1450)	7.6	(0100)	7.8	8.2	(1610)	7.9	(2330)	8.1
9	8.1	(2340)	7.8	(0730)	7.9	8.5	(1710)	7.9	(0750)	8.1
10	8.3	(1950)	8.0	(0910)	8.1	8.6	(1720)	8.2	(0640)	8.4
11	8.5	(1840)	8.2	(0550)	8.4	9.1	(1710)	8.5	(0640)	8.7
12	8.5	(2240)	8.3	(0920)	8.4	8.8	(0040)	8.6	(2340)	8.7
13	8.7	(2340)	8.4	(0650)	8.5	8.9	(1810)	8.6	(0940)	8.7
14	8.9	(1810)	8.6	(0030)	8.7	9.1	(1710)	8.7	(0630)	8.9
15	8.8	(0010)	8.6	(2150)	8.7	9.0	(1240)	8.5	(2340)	8.7
16	8.7	(2010)	8.6	(0610)	8.6	8.9	(1520)	8.7	(2330)	8.7
17	8.8	(1420)	8.6	(0550)	8.7	9.1	(1510)	8.7	(0730)	8.9
18	8.8	(2320)	8.6	(0340)	8.7	9.4	(1600)	8.9	(0630)	9.1
19	8.8	(0030)	8.6	(1250)	8.7	9.4	(1920)	9.0	(2350)	9.2
20	8.9	(2140)	8.6	(0920)	8.8	9.3	(1600)	8.8	(0810)	9.0
21	9.0	(1430)	8.8	(2350)	8.9	9.1	(0010)	8.8	(2320)	8.9
22	9.0	(2000)	8.7	(0620)	8.9	9.0	(1410)	8.6	(0740)	8.8
23	9.2	(2210)	8.9	(1010)	9.0	NO VALID DATA				
24	9.5	(1750)	9.2	(0330)	9.4	NO VALID DATA				
25	9.4	(0010)	9.2	(1100)	9.3	NO VALID DATA				
26	9.4	(0010)	9.0	(2350)	9.2	NO VALID DATA				
27	9.1	(2200)	8.8	(0430)	9.0	NO VALID DATA				
28	9.1	(1110)	9.0	(1700)	9.0	NO VALID DATA				
29	9.0	(2030)	8.9	(1100)	9.0	NO VALID DATA				
30	9.0	(0040)	8.9	(1220)	9.0	NO VALID DATA				

DISSOLVED OXYGEN (MG/L)

OCTOBER 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	9.3	(2010)	8.9	(0010)	9.1	NO VALID DATA				
2	9.3	(2030)	9.2	(1440)	9.2	NO VALID DATA				
3	9.2	(1600)	9.2	(0800)	9.2	NO VALID DATA				
4	9.2	(1400)	9.1	(2300)	9.2	9.8	(2330)	9.5	(0900)	9.7
5	9.3	(2000)	9.1	(0750)	9.2	9.9	(1800)	9.5	(0850)	9.7
6	9.4	(2320)	9.3	(0930)	9.3	10.0	(2330)	9.6	(1100)	9.8
7	9.7	(2040)	9.4	(0020)	9.6	10.2	(1800)	10.0	(0350)	10.1
8	9.9	(1800)	9.6	(0200)	9.8	10.4	(2310)	9.9	(0940)	10.2
9	10.1	(1950)	9.9	(0650)	9.9	10.4	(1450)	10.2	(0600)	10.3
10	10.2	(1930)	10.0	(0530)	10.1	10.2	(2340)	10.1	(0830)	10.2
11	10.2	(1900)	10.1	(0650)	10.1	10.6	(2040)	10.2	(0900)	10.4
12	10.2	(0940)	10.0	(2200)	10.1	10.7	(1710)	10.3	(0730)	10.5
13	10.3	(2220)	10.0	(0640)	10.2	10.6	(1800)	10.4	(0800)	10.5
14	10.4	(1250)	10.2	(0010)	10.3	10.5	(1800)	10.4	(0940)	10.4
15	10.3	(1050)	10.2	(2350)	10.3	10.4	(0030)	9.7	(2350)	10.0
16	10.3	(1940)	10.2	(0010)	10.2	9.8	(1910)	9.5	(0930)	9.6
17	10.2	(1530)	10.1	(1040)	10.1	9.9	(1730)	9.6	(0830)	9.8
18	10.1	(0030)	10.0	(2240)	10.1	9.7	(0020)	9.4	(2350)	9.5
19	10.1	(1900)	10.0	(1000)	10.0	9.4	(0010)	9.4	(2350)	9.4
20	10.1	(0130)	10.0	(1130)	10.0	9.4	(0010)	9.4	(2350)	9.4
21	10.1	(2350)	10.0	(1530)	10.0	9.4	(0010)	9.4	(2350)	9.4
22	10.2	(2120)	10.1	(0800)	10.2	9.4	(0010)	9.3	(2350)	9.4
23	NO VALID DATA					9.3	(0010)	9.3	(2350)	9.3
24	NO VALID DATA					9.3	(0010)	9.3	(2350)	9.3
25	NO VALID DATA					9.3	(0010)	9.3	(2350)	9.3
26	NO VALID DATA					9.4	(2350)	9.2	(1710)	9.3
27	NO VALID DATA					9.5	(1500)	9.4	(0750)	9.4
28	NO VALID DATA					9.6	(2350)	9.4	(0700)	9.5
29	NO VALID DATA					9.8	(1630)	9.6	(0010)	9.7
30	9.9	(2340)	9.6	(0900)	9.6	9.8	(0010)	9.5	(2350)	9.6
31	10.2	(2350)	10.0	(1930)	10.0	9.6	(1320)	9.5	(0600)	9.5

DISSOLVED OXYGEN (MG/L)

NOVEMBER 1984

	MONITOR 7					MONITOR 3				
DAY	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN	DAILY MAX	(TIME)	DAILY MIN	(TIME)	DAILY MEAN
1	10.3	(1300)	10.1	(0040)	10.2	9.5	(0030)	9.4	(0700)	9.5
2	10.2	(0020)	9.9	(2310)	10.1	9.5	(2000)	9.4	(0200)	9.5
3	10.0	(0010)	9.9	(1720)	9.9	9.8	(2350)	9.6	(0010)	9.7
4	10.0	(2350)	9.8	(0720)	9.9	10.0	(2350)	9.7	(0200)	9.8
5	10.0	(1320)	9.8	(2340)	10.0	10.2	(2350)	10.0	(0010)	10.1
6	10.1	(1920)	9.8	(0030)	9.9	10.4	(1900)	10.2	(1120)	10.3
7	10.0	(1040)	9.8	(1940)	9.9	10.6	(2310)	10.2	(0630)	10.4
8	10.1	(2350)	9.9	(0010)	10.0	11.0	(0210)	10.5	(0210)	10.7
9	10.3	(2020)	10.0	(0030)	10.2	11.3	(2050)	10.9	(0010)	11.1
10	10.3	(0820)	10.2	(2350)	10.2	11.4	(2240)	11.1	(0020)	11.2
11	10.3	(2350)	10.1	(1700)	10.2	11.4	(1910)	11.2	(1450)	11.3
12	10.3	(0900)	10.2	(2040)	10.3	11.2	(2010)	11.0	(1030)	11.2
13	10.4	(1700)	10.3	(0020)	10.4	11.1	(2150)	11.0	(1020)	11.1
14	10.5	(1140)	10.4	(0240)	10.5	11.3	(1430)	11.1	(0040)	11.1
15	10.7	(1320)	10.5	(1500)	10.6	11.1	(2350)	10.9	(1450)	11.0
16	11.0	(1400)	10.6	(0020)	10.8	11.9	(2330)	11.0	(0920)	11.3
17	11.2	(2350)	10.9	(0010)	11.1	12.1	(2030)	11.9	(0020)	12.1
18	11.4	(2130)	11.2	(1750)	11.3	12.2	(2130)	11.9	(0840)	12.0
19	11.6	(1930)	11.3	(1300)	11.4	12.3	(2130)	11.8	(0920)	12.1
20	11.8	(1030)	11.6	(2350)	11.6	12.2	(1200)	11.8	(0840)	12.0
21	12.0	(1900)	11.6	(0010)	11.8	12.4	(2330)	12.0	(0840)	12.2
22	12.1	(2300)	12.0	(0020)	12.0	12.6	(1610)	12.1	(1050)	12.4
23	12.3	(1240)	12.1	(0010)	12.2	12.9	(2050)	12.3	(0930)	12.6
24	12.4	(2350)	12.3	(0450)	12.3	13.1	(1730)	12.6	(0950)	12.9
25	12.4	(2350)	12.3	(1810)	12.4	13.0	(1940)	12.6	(1130)	12.8
26	12.5	(0500)	12.4	(1950)	12.4	13.0	(0020)	12.6	(1040)	12.8
27	12.6	(1100)	12.5	(0010)	12.5	13.1	(0210)	12.6	(1000)	12.9
28	12.7	(2150)	12.6	(0010)	12.6	13.1	(1450)	12.6	(1020)	13.0
29	12.7	(0020)	12.6	(1340)	12.6	13.0	(0110)	12.4	(0930)	12.8
30	12.7	(0500)	12.6	(1100)	12.7	12.6	(0010)	12.2	(2350)	12.4

DISSOLVED OXYGEN (MG/L)

DECEMBER 1984

	MONITOR 7			MONITOR 3		
DAY	DAILY MAX (TIME)	DAILY MIN (TIME)	DAILY MEAN	DAILY MAX (TIME)	DAILY MIN (TIME)	DAILY MEAN
1	NO VALID DATA			12.4 (2350)	12.1 (0810)	12.3
2	NO VALID DATA			12.4 (2350)	12.1 (0520)	12.4
3	NO VALID DATA			12.4 (0050)	11.7 (0920)	12.2
4	NO VALID DATA			12.2 (0130)	11.5 (0750)	12.0
5	NO VALID DATA			12.6 (1110)	12.1 (0900)	12.4
6	NO VALID DATA			13.1 (1010)	12.3 (0650)	12.7
7	NO VALID DATA			12.7 (2220)	11.8 (1050)	12.5
8	NO VALID DATA			12.8 (0240)	12.1 (1820)	12.4
9	NO VALID DATA			12.6 (2350)	12.1 (1800)	12.4
10	NO VALID DATA			13.0 (2350)	12.3 (0930)	12.8
11	NO VALID DATA			13.1 (0220)	12.3 (0920)	12.8
12	NO VALID DATA			13.0 (1400)	12.5 (0910)	12.9
13	NO VALID DATA			12.9 (1150)	12.2 (0900)	12.8
14	NO VALID DATA			13.3 (2050)	12.5 (0910)	13.1
15	NO VALID DATA			13.5 (1330)	12.9 (0930)	13.3
16	NO VALID DATA			13.5 (2140)	13.3 (0110)	13.4
17	NO VALID DATA			13.6 (1230)	13.0 (0840)	13.4
18	NO VALID DATA			13.9 (1530)	13.2 (0830)	13.7
19	NO VALID DATA			14.0 (1730)	13.6 (0830)	13.8
20	NO VALID DATA			14.1 (1110)	13.8 (2210)	14.0
21	NO VALID DATA			13.9 (2250)	13.3 (0820)	13.7
22	NO VALID DATA			14.2 (1450)	13.8 (1700)	14.0
23	NO VALID DATA			14.1 (2230)	13.4 (0930)	13.9
24	NO VALID DATA			14.3 (2330)	13.6 (0900)	14.1
25	NO VALID DATA			14.3 (0030)	13.4 (1150)	14.0
26	NO VALID DATA			14.2 (2220)	13.5 (0920)	14.0
27	NO VALID DATA			NO VALID DATA		
28	NO VALID DATA			NO VALID DATA		
29	NO VALID DATA			NO VALID DATA		
30	NO VALID DATA			NO VALID DATA		
31	NO VALID DATA			NO VALID DATA		

pH

JANUARY 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.0	6.9	7.2	7.1
2	7.0	6.8	7.2	7.0
3	6.9	6.8	7.2	7.1
4	6.9	6.8	7.3	7.1
5	6.9	6.9	7.4	7.2
6	6.9	6.9	7.4	7.3
7	6.9	6.9	7.4	7.2
8	6.9	6.9	7.3	7.1
9	6.9	6.8	7.2	7.1
10	6.9	6.8	7.2	7.1
11	6.9	6.8	7.2	7.1
12	6.9	6.8	7.2	7.0
13	6.9	6.8	7.1	7.0
14	6.9	6.8	7.1	6.9
15	6.9	6.7	7.0	6.9
16	6.9	6.8	7.0	7.0
17	7.0	6.8	7.0	6.9
18	6.9	6.8	7.0	6.9
19	7.0	6.9	7.0	6.8
20	6.9	6.8	7.0	6.9
21	6.9	6.8	7.0	6.9
22	6.9	6.8	7.0	6.8
23	6.9	6.8	6.9	6.7
24	6.9	6.8	6.8	6.6
25	6.8	6.8	6.8	6.6
26	6.8	6.8	7.1	6.7
27	6.9	6.8	7.2	7.0
28	6.9	6.8	7.2	7.0
29	6.8	6.8	7.2	7.0
30	6.8	6.7	7.2	7.0
31	6.8	6.7	7.2	7.0

pH

FEBRUARY 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	6.8	6.7	7.2	7.0
2	6.8	6.8	7.3	7.1
3	6.8	6.7	7.3	7.1
4	6.7	6.6	7.3	7.2
5	6.7	6.6	7.4	7.2
6	6.7	6.6	7.4	7.2
7	6.8	6.6	7.3	7.1
8	6.9	6.8	7.4	7.2
9	6.9	6.8	7.4	7.2
10	6.9	6.7	7.3	7.1
11	6.8	6.7	7.3	7.1
12	6.8	6.6	7.3	7.1
13	6.8	6.7	7.3	7.2
14	6.8	6.7	7.3	7.2
15	6.8	6.7	7.4	7.1
16	6.8	6.6	7.2	7.0
17	6.8	6.6	7.2	7.1
18	6.7	6.6	7.2	7.1
19	6.7	6.6	7.3	7.2
20	6.7	6.7	7.2	7.1
21	6.8	6.7	7.4	7.3
22	6.9	6.7	7.4	7.3
23	6.8	6.7	7.5	7.3
24	6.8	6.7	7.4	7.3
25	6.8	6.8	7.5	7.4
26	6.9	6.7	7.5	7.4
27	6.9	6.8	7.5	7.4
28	NO VALID DATA		7.5	7.4
29	NO VALID DATA		7.5	7.5

pH

MARCH 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.0	6.9	7.6	7.4
2	7.0	6.9	7.6	7.5
3	6.9	6.9	7.5	7.4
4	6.9	6.9	7.5	7.3
5	7.0	6.9	7.5	7.4
6	7.0	6.8	7.4	7.3
7	6.9	6.8	7.4	7.2
8	7.0	6.9	7.2	7.1
9	7.0	6.9	7.2	7.2
10	7.0	6.9	7.2	7.1
11	7.0	6.9	7.1	7.0
12	7.0	6.9	7.1	7.0
13	7.0	6.7	7.1	7.0
14	6.9	6.7	7.1	6.9
15	6.9	6.7	7.1	7.0
16	6.9	6.7	7.2	7.0
17	6.9	6.8	7.2	7.1
18	6.7	6.6	7.1	7.0
19	7.0	6.8	7.2	7.0
20	7.1	6.9	NO VALID DATA	
21	7.1	7.0	7.4	7.3
22	7.0	6.9	7.3	7.2
23	7.0	6.9	7.4	7.2
24	7.0	6.9	7.3	7.1
25	7.0	6.9	7.2	7.1
26	7.0	6.9	7.2	7.1
27	7.0	6.9	7.2	7.1
28	7.0	6.8	7.2	6.8
29	7.1	7.0	7.0	6.8
30	7.1	7.0	7.1	7.0
31	7.1	7.0	7.1	7.0

pH

APRIL 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.1	7.0	7.0	6.9
2	7.0	6.9	7.1	6.9
3	7.0	6.9	7.2	7.0
4	7.1	6.9	7.2	7.0
5	7.0	6.6	7.2	7.1
6	6.8	6.6	7.3	7.1
7	6.8	6.7	7.4	7.3
8	6.9	6.7	7.3	7.2
9	6.8	6.8	7.3	7.1
10	6.9	6.8	NO VALID DATA	
11	6.9	6.8	NO VALID DATA	
12	NO VALID DATA		NO VALID DATA	
13	6.9	6.8	NO VALID DATA	
14	7.0	6.9	7.3	7.3
15	7.0	7.0	7.3	7.2
16	7.0	6.9	7.2	7.0
17	6.9	6.8	7.2	7.2
18	6.9	6.8	7.2	7.1
19	6.8	6.7	NO VALID DATA	
20	6.9	6.8	NO VALID DATA	
21	6.9	6.8	7.1	7.1
22	7.0	6.8	7.2	7.1
23	6.9	6.8	7.1	7.1
24	7.0	6.9	7.2	7.1
25	7.1	6.9	NO VALID DATA	
26	7.0	6.9	NO VALID DATA	
27	7.0	6.9	7.3	7.1
28	6.9	6.9	7.2	7.1
29	6.9	6.9	7.2	7.1
30	6.9	6.9	7.1	7.0

pH

MAY 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.0	6.9	7.1	7.0
2	6.9	6.9	7.1	7.0
3	7.0	6.9	7.0	7.0
4	6.9	6.9	7.1	7.0
5	6.9	6.8	7.1	6.9
6	7.0	6.8	7.1	7.0
7	6.9	6.8	7.1	7.0
8	6.9	6.9	7.1	7.0
9	NO VALID DATA		7.1	7.0
10	NO VALID DATA		7.1	7.0
11	NO VALID DATA		7.2	7.0
12	NO VALID DATA		7.1	7.0
13	NO VALID DATA		7.1	7.0
14	7.0	6.9	7.2	7.0
15	6.9	6.9	7.3	7.1
16	7.0	6.9	7.3	7.2
17	6.9	6.8	7.3	7.1
18	6.9	6.8	NO VALID DATA	
19	6.9	6.8	7.2	7.1
20	6.9	6.8	7.1	7.0
21	6.9	6.8	7.0	7.0
22	7.0	6.9	7.1	7.0
23	7.0	7.0	7.1	7.0
24	7.0	6.9	7.0	6.9
25	7.1	7.0	7.1	6.9
26	7.2	7.1	7.1	7.0
27	7.1	7.0	7.1	7.0
28	7.1	6.9	7.1	7.0
29	7.0	6.7	7.0	6.8
30	6.8	6.6	7.0	6.7
31	6.8	6.7	7.0	6.5

pH

JUNE 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	6.8	6.6	NO VALID DATA	
2	6.8	6.6	NO VALID DATA	
3	6.9	6.7	NO VALID DATA	
4	6.8	6.7	NO VALID DATA	
5	6.9	6.8	NO VALID DATA	
6	6.9	6.8	NO VALID DATA	
7	6.9	6.8	NO VALID DATA	
8	6.9	6.8	NO VALID DATA	
9	6.9	6.8	NO VALID DATA	
10	7.0	6.9	NO VALID DATA	
11	7.0	6.9	NO VALID DATA	
12	7.1	6.9	NO VALID DATA	
13	7.0	6.9	7.2	7.0
14	7.0	6.9	7.2	7.0
15	7.1	6.9	7.3	7.1
16	7.2	6.9	7.4	7.2
17	7.3	7.1	7.5	7.2
18	7.2	7.1	7.5	7.3
19	7.2	7.1	7.4	7.2
20	7.4	7.1	7.4	7.2
21	7.5	7.1	7.6	7.3
22	7.4	7.2	7.6	7.4
23	7.6	7.3	7.6	7.4
24	7.5	7.2	7.6	7.2
25	7.2	7.2	NO VALID DATA	
26	NO VALID DATA		NO VALID DATA	
27	7.7	7.3	NO VALID DATA	
28	7.7	7.5	7.6	7.3
29	7.6	7.4	7.5	7.3
30	7.5	7.2	7.4	7.2

pH

JULY 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.4	7.2	7.6	7.1
2	7.4	7.1	7.4	7.3
3	7.3	7.2	7.4	7.2
4	7.3	7.1	7.3	7.2
5	7.3	7.2	7.4	7.1
6	7.3	7.2	7.3	7.1
7	7.3	7.0	7.3	7.0
8	7.0	6.9	7.1	7.0
9	7.0	7.0	7.2	7.1
10	7.1	6.9	7.1	7.0
11	7.1	6.9	7.2	7.0
12	7.0	6.9	7.1	6.9
13	7.0	6.8	6.9	6.8
14	7.0	6.8	6.9	6.8
15	7.0	6.8	7.2	6.9
16	7.0	6.9	7.0	6.9
17	7.0	6.8	7.0	6.9
18	7.0	6.9	7.0	6.8
19	7.2	6.9	7.2	6.9
20	7.5	6.9	7.2	7.1
21	7.3	7.1	7.1	7.0
22	7.4	7.1	7.2	6.9
23	7.4	7.3	7.3	7.0
24	7.4	7.3	7.2	7.0
25	7.3	7.2	7.3	6.9
26	7.4	7.2	7.2	7.1
27	7.3	7.1	7.1	7.0
28	7.2	7.0	7.2	7.0
29	7.2	7.0	7.2	7.1
30	7.0	6.9	7.2	7.0
31	7.1	6.9	7.2	7.0

pH

AUGUST 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.2	7.0	7.1	7.0
2	7.2	7.0	7.1	7.0
3	7.2	7.0	7.1	7.0
4	7.2	7.0	7.0	7.0
5	7.1	7.0	7.0	7.0
6	7.2	6.9	7.1	7.0
7	7.2	7.1	7.0	7.0
8	7.2	7.1	7.1	7.0
9	7.1	7.0	7.0	7.0
10	7.1	7.0	7.0	6.9
11	7.1	7.0	7.0	6.9
12	7.0	6.9	7.0	6.9
13	7.1	6.9	7.0	6.9
14	7.1	7.0	6.9	6.9
15	7.1	7.0	6.9	6.8
16	7.1	7.0	7.0	6.9
17	7.1	7.0	7.0	6.9
18	7.0	6.9	NO VALID DATA	
19	NO VALID DATA		NO VALID DATA	
20	NO VALID DATA		NO VALID DATA	
21	NO VALID DATA		NO VALID DATA	
22	NO VALID DATA		NO VALID DATA	
23	7.1	7.0	7.1	7.1
24	7.2	7.0	7.3	7.1
25	7.2	7.1	7.3	7.2
26	7.2	7.1	7.4	7.3
27	7.3	7.0	7.6	7.3
28	7.2	7.1	7.4	7.2
29	7.2	7.2	7.2	7.2
30	7.3	7.2	7.3	7.2
31	7.3	7.3	7.5	7.2

pH

SEPTEMBER 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.3	7.2	7.5	7.4
2	7.3	7.1	7.6	7.4
3	7.2	7.1	7.5	7.2
4	7.1	7.1	7.2	7.1
5	7.2	7.0	7.2	6.8
6	7.2	7.1	NO VALID DATA	
7	7.2	7.0	NO VALID DATA	
8	7.3	7.1	NO VALID DATA	
9	7.3	7.1	NO VALID DATA	
10	7.5	7.1	NO VALID DATA	
11	7.5	7.4	NO VALID DATA	
12	7.6	7.3	NO VALID DATA	
13	7.6	7.3	NO VALID DATA	
14	7.6	7.5	NO VALID DATA	
15	7.6	7.4	NO VALID DATA	
16	7.5	7.4	NO VALID DATA	
17	7.5	7.3	NO VALID DATA	
18	7.4	7.3	NO VALID DATA	
19	7.4	7.3	NO VALID DATA	
20	7.5	7.4	NO VALID DATA	
21	7.6	7.4	NO VALID DATA	
22	7.6	7.4	NO VALID DATA	
23	7.7	7.5	NO VALID DATA	
24	7.8	7.6	NO VALID DATA	
25	7.7	7.6	NO VALID DATA	
26	7.7	7.5	NO VALID DATA	
27	7.6	7.4	NO VALID DATA	
28	7.6	7.5	NO VALID DATA	
29	7.6	7.5	NO VALID DATA	
30	7.6	7.5	NO VALID DATA	

pH

OCTOBER 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.6	7.5	NO VALID DATA	
2	7.8	7.5	NO VALID DATA	
3	7.8	7.6	NO VALID DATA	
4	7.7	7.5	NO VALID DATA	
5	7.6	7.4	NO VALID DATA	
6	7.5	7.4	NO VALID DATA	
7	7.6	7.4	NO VALID DATA	
8	7.5	7.3	NO VALID DATA	
9	7.4	7.2	NO VALID DATA	
10	7.5	7.3	NO VALID DATA	
11	7.5	7.4	NO VALID DATA	
12	7.5	7.4	NO VALID DATA	
13	7.5	7.4	NO VALID DATA	
14	7.7	7.4	NO VALID DATA	
15	7.5	7.4	NO VALID DATA	
16	7.5	7.2	NO VALID DATA	
17	7.5	7.4	NO VALID DATA	
18	7.5	7.4	NO VALID DATA	
19	7.4	7.3	7.2	7.1
20	7.4	7.3	7.1	7.0
21	7.3	7.2	7.1	7.0
22	7.4	7.3	7.1	6.9
23	7.4	7.3	NO VALID DATA	
24	7.4	7.3	NO VALID DATA	
25	7.3	7.2	7.2	7.1
26	7.3	7.3	7.2	7.1
27	7.3	7.2	7.2	7.1
28	7.3	7.2	7.3	7.2
29	7.3	7.3	7.3	7.3
30	7.3	7.2	7.4	7.3
31	7.3	7.2	7.4	7.3

pH

NOVEMBER 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.3	7.2	7.4	7.3
2	7.3	7.2	NO VALID DATA	
3	7.3	7.2	NO VALID DATA	
4	7.2	7.1	NO VALID DATA	
5	7.3	7.2	NO VALID DATA	
6	7.3	7.2	7.6	7.4
7	7.4	7.3	7.4	7.2
8	7.4	7.2	7.5	7.2
9	7.3	7.2	7.3	7.1
10	7.4	7.3	7.4	7.3
11	7.3	7.2	7.4	7.3
12	7.2	7.1	7.4	7.3
13	7.2	7.1	7.3	7.2
14	7.3	7.2	7.3	7.2
15	7.2	7.1	7.2	7.1
16	7.2	7.1	7.4	7.2
17	7.2	7.1	7.4	7.2
18	7.2	7.1	7.2	7.1
19	7.2	7.1	7.2	7.1
20	7.2	7.1	7.4	7.0
21	7.2	7.1	7.2	7.1
22	7.2	7.1	7.2	7.1
23	7.2	7.1	7.2	7.1
24	7.2	7.1	7.3	7.1
25	7.2	7.0	7.3	7.2
26	7.2	7.0	7.3	7.1
27	7.1	7.0	7.2	7.1
28	7.1	7.0	7.2	7.0
29	7.0	7.0	7.4	7.2
30	7.1	7.0	7.4	7.3

pH

DECEMBER 1984

	MONITOR 7		MONITOR 3	
DAY	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM
1	7.1	7.0	7.3	7.2
2	7.1	7.0	7.3	7.2
3	7.2	7.1	7.4	7.2
4	7.2	7.0	7.4	7.2
5	7.1	7.0	7.3	7.1
6	7.1	7.0	7.3	7.1
7	NO VALID DATA		7.3	7.1
8	NO VALID DATA		7.1	7.1
9	NO VALID DATA		7.2	7.1
10	NO VALID DATA		7.3	7.1
11	NO VALID DATA		7.4	7.3
12	NO VALID DATA		7.4	7.3
13	NO VALID DATA		7.6	7.3
14	NO VALID DATA		7.5	7.4
15	NO VALID DATA		7.4	7.3
16	NO VALID DATA		7.4	7.3
17	NO VALID DATA		7.4	7.3
18	NO VALID DATA		7.4	7.3
19	7.1	7.0	7.5	7.3
20	7.1	7.0	7.4	7.3
21	7.2	7.0	7.4	7.3
22	7.1	7.0	7.4	7.3
23	7.1	7.0	7.4	7.3
24	7.1	7.0	7.4	7.2
25	7.1	7.0	7.4	7.3
26	7.1	7.0	7.3	7.2
27	7.1	7.0	7.5	7.2
28	7.1	7.1	7.4	7.2
29	7.2	6.9	7.5	7.3
30	7.0	6.9	7.5	7.3
31	7.1	6.9	7.3	7.2

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

January 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	10635	10850	10915	11085	10995	10645	10735	11450	10830	11025	10420	10635	10750	10305	10875	9755	10545	10405	10410	10380	10405	10380	10980	10980
2	5910	4855	5235	5325	5270	5815	5115	5115	9930	10155	10370	10110	9935	9361	10380	10405	10520	9935	10380	9910	10020	9970	10035	10035
3	10475	10475	10020	9970	10005	9985	10280	9360	5705	5315	4985	4985	5675	5150	7230	8135	8935	8885	8640	8395	8885	8885	8885	8885
4	8615	8540	8915	8445	8810	8720	8730	8465	8885	8555	8945	8810	8555	8465	8710	8825	8720	8730	8560	8560	9165	8495	8560	8560
5	8990	8900	9045	8915	9480	8795	9145	8215	9415	8625	9210	8855	8885	8270	8855	9210	8795	9190	8745	9095	8910	9035	9025	9025
6	8635	9245	9195	9400	8855	8925	8925	8785	9475	8890	8795	9720	9380	9475	9125	8710	8530	9815	8530	9160	10295	9090	8430	9690
7	9135	9880	9070	9880	9070	9015	9620	9350	9890	10030	9285	9685	9350	9015	9055	9800	9890	9120	8450	9725	9120	9015	9055	9725
8	9685	10375	9180	8550	9215	9290	9535	9830	8705	9175	9490	9040	9720	8755	8545	9105	9050	8515	9105	9050	9105	9105	9050	9050
9	9755	9125	9180	9125	9125	9055	8820	9115	8620	9320	9455	9045	8910	9005	8895	8760	8690	8625	8625	8690	8135	8640	9145	9145
10	7915	5565	5905	5850	6550	1225	6805	8820	8825	8380	9420	8850	8300	8445	8915	8660	8700	8405	8915	9060	8565	8540	8540	8540
11	6645	6545	7105	6500	6400	6365	7585	7315	6365	6960	6605	6875	7030	6030	7885	9635	8305	8325	9545	9025	8325	8305	8915	8325
12	6915	6825	6480	7095	6780	7460	8795	8915	9125	8735	8560	8420	8965	8380	8625	8720	8625	8625	9420	8135	8625	8720	8625	8625
13	6450	6485	6650	6650	6085	5665	7170	7870	7810	7290	8275	8765	9565	8580	8850	8770	9420	10475	10635	9670	10100	4235	4030	3945
14	3985	3935	4430	3730	4335	4265	4265	4265	4275	7974	10240	9815	10090	5240	5760	5760	7350	11210	9720	10380	9910	4880	3110	1250
15	1245	1235	1230	1220	1205	1195	1190	1185	1185	3270	9515	10670	9905	10445	7505	8155	8890	10510	10010	10110	10265	9795	7280	3810
16	3760	4390	2110	1185	1180	1175	4175	9455	10250	10480	10515	10615	9720	2505	5640	4690	9720	10160	10250	10405	7200	3800	1275	1265
17	1235	1225	1210	1195	1190	1185	1175	7800	9955	10250	10940	10455	10330	8470	6585	5125	9975	9580	10765	9915	9015	3220	1215	1205
18	1205	1195	1185	1175	1480	1475	1475	7080	7795	7660	7760	7700	7430	7370	7515	8690	9160	9365	8340	9210	8530	9210	8435	8435
19	1540	1195	1185	1180	1170	1170	1170	9195	8915	8215	8970	9535	8370	9070	8475	8545	8710	8705	9250	8495	8815	8965	1220	1205
20	1195	1190	1175	1170	1170	1170	1170	8650	8665	8855	8395	9140	8665	8560	4725	4700	9055	8740	8985	8450	8280	1265	1245	1220
21	1205	1195	1190	1185	1180	1180	1175	1175	1175	8745	8915	8995	9140	4725	1355	1345	8480	8580	9065	8010	4700	1205	1195	1190
22	1180	1180	1175	1170	1170	1170	1170	1170	1170	4175	8895	8930	7770	5230	1195	1185	8380	7695	7655	7655	7900	1205	1195	1185
23	1180	1170	1170	1170	1170	1170	1170	8085	8255	8230	8435	8995	9070	9070	1205	1195	8790	8515	8600	8435	1215	1200	1190	1185
24	1180	1180	1175	1175	1175	1175	1170	8650	8795	8855	8485	8980	8990	6410	1205	1195	8795	8270	8935	8370	1230	1205	1195	1190
25	1185	1185	1185	1185	1175	1175	1175	8465	8810	7840	8305	8305	8325	8525	8305	8435	9545	9025	8325	8305	9070	7965	8435	8435
26	1180	1205	1195	1180	1180	1170	1170	8810	8665	8465	8435	8345	8980	8485	9070	8370	8395	8370	8755	8720	9330	8135	8370	8370
27	9195	9190	8870	8375	7075	7075	7030	7965	8560	8280	8445	4995	1270	1255	1250	1235	1235	10005	5460	1610	1225	1230	1215	1215
28	1200	1195	1195	1195	1195	1190	1185	1185	1180	1185	4240	8180	8635	8125	8690	9490	8745	8745	8870	8835	8980	8855	8665	8665
29	8935	9045	7210	1250	1235	1230	1220	1215	1215	1215	5145	8125	10035	8385	1205	9445	8855	8345	8985	9065	1230	1220	1215	1210
30	1195	1185	1175	1170	1165	1165	1165	8385	9030	8725	7325	7220	7450	8745	8390	8855	8855	8385	8980	8885	8795	8795	9415	3705
31	1185	1175	1175	1170	1170	1170	1170	8935	8125	8645	9850	9970	10080	10615	1235	1220	10245	9820	9905	10440	10360	1245	1215	1195

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

February 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1200	1195	3620	4080	1185	1185	1190	10655	10330	10215	10510	10255	10100	10365	2195	2505	6525	9905	10500	10840	10840	5410	5850	5340
2	6030	3835	1255	1245	1230	1230	6955	9740	10295	10405	10100	10295	8565	9100	5665	5605	1285	1265	11080	9160	6340	3825	1255	1245
3	1230	1225	1215	1215	1205	1195	2245	6760	9810	10900	10725	10080	9720	9600	8165	7560	10745	10365	9850	9885	8850	5485	3070	1225
4	1210	1205	1195	1185	1185	1185	1185	2770	5135	8115	10510	10080	11320	6180	6180	6595	10235	10450	10525	10365	6510	3945	1230	1210
5	1530	1515	1185	1180	1185	1185	1185	1185	1180	1180	8865	10340	10080	10615	10840	9660	10225	10875	9910	9415	10380	8895	1245	1215
6	1200	1190	1180	1170	1170	1170	4010	8445	9705	8805	9185	9395	8855	8395	9090	9985	9915	10325	10010	10070	10175	10010	9825	9825
7	4430	3730	4385	3685	4160	3630	4040	3285	10855	9705	10965	10445	9915	10680	10255	9915	9915	10385	10160	10255	10160	8640	9580	8990
8	1195	1195	1170	1165	1160	1165	7415	10965	10365	9860	10125	10340	10305	10305	9725	10850	10080	10500	10605	10500	9915	1220	1210	1205
9	1185	1175	1165	1165	1160	1160	1160	9520	10260	10245	10460	10285	9735	10755	4860	4965	10485	11020	9820	9720	10510	1205	1200	1195
10	1185	1175	1170	1170	1165	1160	1160	10965	9530	10690	10215	10360	10480	10065	10010	10160	9740	10160	10080	10055	9885	10010	10405	5150
11	1230	1210	1205	1200	1195	1185	1185	5540	10650	9770	10080	10295	10265	10225	10075	9910	9855	9910	10035	9980	6860	6300	6850	6850
12	1230	1210	1195	1190	1185	1180	1170	1170	10215	9780	9935	8860	8825	8955	8510	9025	8965	9435	8550	8995	9380	9325	9325	9325
13	1230	1205	1190	1190	1185	1185	1185	9670	9020	9530	9335	8895	9380	9395	9960	9960	9465	9985	9520	9960	8700	8800	5395	5395
14	6335	6790	6100	6535	6250	6100	8310	9010	9090	8770	8160	6345	6870	6870	7065	7065	6715	6715	7010	7010	6715	11160	11145	11145
15	7785	8590	8590	8590	8660	8590	9270	9005	8905	8810	8520	8905	8810	8865	8770	9480	10135	11075	11015	10545	10015	10900	10265	10150
16	13285	15596	17244	18707	20245	20515	20466	21730	23460	24144	24144	24032	23933	24032	24410	26015	27229	25800	25800	25800	25800	25800	27400	27400
17	27400	27400	27629	28115	28115	27690	26215	26215	26440	26440	26880	26880	26880	27320	27509	27509	27509	27941	27941	27941	28115	28115	28115	28115
18	30366	30366	28372	27941	27840	27840	27320	27320	27760	27760	27508	27939	28372	28640	27760	27760	28640	29024	28640	29024	28640	29024	29024	29024
19	28525	28525	29170	29170	29480	29480	29480	26480	29480	29480	29170	28771	28115	28115	28115	27269	27692	27692	28115	28115	27692	27692	27692	28115
20	28115	27940	27940	27571	27833	27374	27638	29190	27170	26714	26714	26714	27170	27170	27170	27170	26916	26916	26916	26916	26916	26916	26916	26916
21	26916	26916	27170	27170	27170	27435	27434	27434	27170	23123	26714	24763	24354	24638	24517	24517	24401	24289	24180	24180	24378	24378	24378	24378
22	24682	24825	24825	24825	24019	23210	25658	26000	28115	27868	27037	21985	23003	22948	22866	22866	22866	22362	22362	22110	22110	21101	20091	20091
23	20388	20425	20425	20546	20546	19506	18957	18957	19115	19115	17179	17179	17179	17179	17485	17791	17791	17485	17485	17485	17485	17791	17791	17791
24	17978	17978	18115	18115	18139	18162	18162	18162	18162	18324	18684	18657	20286	20785	19905	19844	20128	21298	21732	21674	22090	22090	22564	22564
25	22810	22877	22877	22955	22614	22692	22250	22772	22772	23033	23033	23293	23205	23205	23118	22539	22466	22466	22637	22637	22877	22877	24562	24562
26	24911	24911	24911	25035	27178	27400	27000	27038	27435	27692	27692	26000	26000	24631	24631	24631	24631	24631	24631	24824	24824	24631	24973	24973
27	23750	23750	23750	23750	23750	23750	22940	22940	21990	21993	21875	21794	21794	21733	21733	21794	22539	22539	22539	22539	22539	22539	22539	22539
28	20091	20128	20165	20245	20030	20421	19540	18987	19017	18987	18987	18987	19265	19232	19232	19232	19232	19232	19200	19200	19200	19200	19200	19200
29	19542	18987	17909	17909	17931	17931	17931	17652	17652	17652	17652	17931	17909	18186	18166	17001	17032	16837	16568	16254	16254	15898	15190	14789

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

March 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	14789	15190	15596	15596	15067	15381	15381	14119	14119	13753	14105	13672	11667	11633	11301	11649	11649	11309	11309	10969	10969	13409	13409	13409
2	13409	15067	15067	14762	14762	14762	14108	14108	12013	12362	12362	12013	12013	11648	11963	11963	11963	11618	11940	12584	12233	12547	12545	12203
3	12203	12203	11878	11878	11280	11280	11280	11280	11579	11579	11579	11579	11579	11579	11578	12176	11859	12441	12127	12127	12127	12127	12980	12980
4	12980	12980	12980	12980	13316	13316	11875	11875	11875	11875	11875	11875	11875	11875	10693	10693	10982	10982	10982	10982	10982	11286	11286	11286
5	12859	12859	13293	13285	13685	14108	10289	10289	10629	10641	10972	10972	10653	10653	10653	10653	10653	10323	10323	10323	10323	10653	10653	10653
6	11440	11270	10550	10570	10560	10560	11375	10835	10325	10490	10495	10985	9905	11025	9900	10860	10270	10270	10985	10135	10550	10415	10415	10415
7	4745	5165	5150	5455	5125	5455	4650	8685	8775	8855	9365	8390	9365	8855	6880	6290	8315	8535	9045	9045	8590	9665	9045	9045
8	4930	4740	5540	4990	5540	4950	5205	8930	9135	9270	9270	8995	9065	9990	10060	9910	11135	10035	10490	9910	10035	9910	9910	9915
9	10340	10610	10035	10140	9990	9530	10265	9995	10040	9735	10945	9820	9465	9820	9705	9820	10215	11025	10490	10325	10215	9460	9820	9820
10	3935	3895	3760	4440	3750	3750	4410	3750	7175	8990	9175	9280	7445	3795	1255	1245	1235	9505	10585	10075	9980	3885	1255	1245
11	1230	1230	1230	1230	1225	1225	1220	1215	1215	1215	1215	1215	1200	1180	1185	3005	6845	7810	8455	7895	7875	7945	6795	1215
12	1195	1195	1195	1195	1195	1195	1195	4180	8990	8940	9065	9045	8685	8685	8705	7575	7010	7540	10250	10305	11145	10505	6535	6445
13	1265	1225	1215	1205	1195	1190	1180	4040	8770	10030	8960	8635	9240	8685	6830	7575	6995	9770	10680	10185	10885	10110	6340	2530
14	1225	1205	1195	1185	1180	1175	1175	4290	9815	8785	8405	8935	9500	9770	9990	9990	10405	9545	9640	9715	10405	9960	1265	1250
15	1215	1195	3245	3940	5445	6585	7470	6835	6535	6535	6285	6645	10165	10230	10020	9530	5865	6860	8125	8230	11330	10145	10145	10145
16	11940	9570	10020	9515	10640	10145	10735	10265	9500	6345	6665	8255	8070	7200	7675	8380	8675	10490	9530	10005	10020	10020	10020	10020
17	9985	10545	9945	10225	10265	10225	11025	10405	9905	10265	10225	10225	9910	9935	9910	10405	9460	9710	10105	9460	9980	9910	10380	10380
18	9800	10225	9795	10885	10405	10485	9615	10260	9785	7200	6730	7695	7200	7580	9720	9720	10290	10220	9105	8615	9105	9100	9150	9105
19	8535	8535	8990	8990	8920	9415	9560	9640	9530	9500	10200	9620	9025	8465	7925	8625	10095	10265	9910	10195	9700	10170	10170	8710
20	8660	9205	9205	9265	9205	9265	8335	8735	9330	9210	9400	8960	10905	10070	10255	9915	9985	10760	11185	10495	10100	10665	10345	10345
21	10001	9678	9313	9313	9251	9597	9597	9943	10982	11897	12203	12203	12203	12203	11291	11297	12623	12623	12623	12623	13945	13945	16585	16585
22	16585	16585	16585	16914	20165	20165	20165	22362	23035	22962	22636	23840	23840	23840	23119	23198	23198	23198	24178	24178	24178	24178	24178	24178
23	24283	24412	24544	24681	23915	24019	24019	24019	23750	24631	24631	24401	24401	24401	24401	24401	23303	23303	22133	22133	22133	22133	22133	22133
24	21055	21055	21055	21055	21055	21108	21108	21108	21167	21167	21108	21108	21055	21055	21055	21055	21055	21055	21055	21055	21055	21000	20948	20948
25	19024	19024	19024	19024	19305	19397	19471	19471	19471	18115	17844	18115	17844	16219	15949	16228	15940	15372	15000	14192	13427	15737	16695	16695
26	17278	17278	17278	17278	17561	17800	16914	17179	12362	13060	11663	12002	15401	15405	15545	13593	13906	13906	15125	15125	15125	15415	16828	16828
27	16828	16814	16814	16814	15405	15465	15685	15685	15679	15673	15673	15673	15940	15940	15940	15940	15940	15940	14118	13595	13595	15340	15661	15661
28	15671	15671	15671	15671	15671	15671	17337	17337	17062	15958	15958	14531	14531	14531	14218	14218	14218	14218	14218	14218	14218	14218	14503	14503
29	13905	13905	13905	15124	15124	15126	15126	15409	15405	15401	15122	15392	15381	14674	14024	14024	14024	14024	14024	14024	11307	11307	12031	12031
30	15162	15113	15124	15126	15128	15130	15129	15128	14217	14531	12355	12355	12362	12362	12362	12362	12362	12362	11987	11987	12327	12327	10969	10969
31	10969	11248	12666	13060	13060	13413	14834	14834	14834	14834	14834	14834	14834	14834	14834	15122	15122	15122	15122	15122	15122	15113	15113	15113

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

April 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	13840	13840	13840	13840	13508	13905	11638	11718	11718	11718	11718	11638	11520	11520	11520	11296	11296	11296	10965	10629	10629	10311	10311	10311
2	10653	11296	11633	11633	11987	12362	12012	11663	11314	10965	11314	10969	10969	10969	11648	11987	11987	12711	11987	11987	12711	12362	12362	12362
3	13413	13413	15392	15400	15400	16512	17062	17062	18437	18139	18684	18657	18833	18707	19306	19306	19306	19306	19306	19306	19306	19306	19306	20204
4	20204	20515	18833	18928	18928	18928	18928	18928	18928	18928	17844	17844	17844	17844	17844	17573	17573	17593	17593	18684	18684	18684	18684	18684
5	18607	18607	18987	19017	19017	19301	19655	19655	19616	19576	20097	20609	21658	22325	23294	24829	25921	26193	27137	28050	29159	30262	32520	35567
6	42390	45480	47570	52325	52155	52155	53810	54840	55880	55880	56695	56920	56920	56920	56470	56470	57325	57325	57730	58135	58545	58545	58545	58545
7	59360	59770	60175	60175	60605	60605	60605	60605	60605	61900	61900	62765	62535	62965	62965	64255	64630	64630	64255	64255	64630	64630	64630	64630
8	64490	63825	63825	63395	62965	62535	62535	62535	61675	60595	60815	61245	61245	61245	62145	60815	60815	60175	59955	59545	58920	58515	58105	58105
9	56425	56650	55420	55650	55475	54495	54265	53465	53465	53465	53465	53465	53465	53635	53235	52610	52210	51810	51410	51020	50245	50631	49640	49255
10	48170	47805	47440	47080	46450	46450	45660	45230	45230	44515	44515	43615	43615	41495	41495	41495	40965	40965	40965	40965	40965	40475	40520	40520
11	36770	36770	36770	33350	33350	33350	33350	32755	32155	31560	30965	30165	30165	29170	28370	28370	27075	26215	25990	25125	24400	24400	24400	24400
12	24400	24125	24240	24275	23895	23895	23895	23895	23895	23895	24475	24475	24475	24475	24475	24475	24475	24475	24475	24475	24460	24640	24640	24640
13	25195	25625	25350	25805	25805	26260	25805	26260	26260	25655	25655	26915	26915	26915	26915	27830	28100	28100	28100	27830	27830	27830	27830	27830
14	30590	30590	30590	30590	30590	30590	30590	30590	30590	31790	31790	32365	32365	32030	33360	33220	33220	33220	33220	33360	33360	33360	33505	33505
15	33505	33505	33505	33505	33505	33505	33505	33505	35305	35305	36895	37910	38685	39100	39785	40290	40795	40795	40795	41300	41300	41300	41300	41300
16	38305	38485	38660	38660	35480	35480	35480	34243	34380	34380	36450	36450	38485	39280	39280	39280	39785	40290	40290	41807	42370	42940	44070	44070
17	45400	45780	46160	46160	46160	46160	46160	46545	46895	47250	47250	47605	47605	47385	49880	49880	50275	50275	50275	50275	50275	50275	50275	50275
18	50670	50670	50670	50670	49880	49880	49165	49165	49520	49520	50275	50275	50275	50275	52265	51465	51465	51465	51465	51465	51070	50670	50275	49880
19	49880	49880	48150	47740	47385	47385	47030	47030	47030	47030	46675	46675	46320	46320	43860	43860	44690	44690	44690	44690	43875	43875	43875	43875
20	43875	43875	43875	43875	40545	40545	40545	41025	41510	41510	41510	41510	44280	44280	45095	45095	45095	45095	45095	45095	44690	44690	44690	44690
21	44690	41610	41610	41610	41610	37290	37470	37470	35875	35705	35705	35705	34400	33790	33220	32650	32490	32325	29795	30175	29650	29650	28920	28920
22	27760	27760	27760	27760	26440	26440	26440	26055	25670	25670	25285	25285	24900	24900	24900	25195	25195	24640	24740	24130	23830	23715	23420	23420
23	22840	22565	22205	21725	21775	21725	21650	21650	21575	21445	21380	21325	21325	21265	21730	21730	21990	21925	22110	22110	22045	22290	22290	22290
24	22290	21546	21546	20595	20735	20785	20245	20245	20245	20245	20205	20205	20205	20165	20165	21470	21410	21410	21665	21665	21855	21855	22110	22110
25	22110	21920	22435	22435	22770	22770	22515	25590	22590	22855	24180	24180	24075	24075	24180	24500	24500	24825	24825	24825	25145	25315	25315	25315
26	24630	24630	24880	25000	22320	22405	25265	25265	25045	24890	24890	24640	24515	24400	24400	24290	24290	24180	24500	24075	23185	23460	23385	23385
27	23385	23385	23385	23385	23385	23385	23480	22675	22675	22890	22890	22515	22435	22360	22360	22360	22270	22290	22540	22540	22465	22465	22465	22465
28	22710	22710	22465	22465	22540	22615	21855	21990	21990	21990	21665	21665	21665	21665	21665	21665	21665	21665	21665	21730	21730	21730	21730	21730
29	20850	20850		20595	20595	20595	20685	20735	20515	20513	20330	20375	20015	20055	20055	20055	20015	20015	19960	19960	19960	19905	19525	19525
30	19205	18885	18705	18705	18655	18410	17610	17335	17335	17335	17045	17030	17030	17030	16835	16835	16570	16570	16875	16875	16585	16585	16585	16585

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

May 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	17575	17790	17790	18115	18410	18410	16510	16775	16775	17030	17485	17675	17675	17675	16660	17950	17950	17950	17950	17650	17650	17650	17950	17950
2	17650	17650	17950	18190	18390	18560	18405	17795	17795	17795	17575	17575	16960	16960	17320	18390	18390	18390	18390	18560	16915	16915	16915	16915
3	16630	16630	16240	10605	16585	16585	16255	16255	16255	16255	15926	15926	15926	15926	15925	15925	15925	15925	16260	16260	15650	15650	15650	15980
4	16220	16230	16230	16240	16245	16245	16525	16785	17320	17575	17695	17980	18400	19525	20165	20685	21150	21410	21605	22360	22540	23780	23690	23690
5	28798	28798	25155	25280	25280	25420	26760	26760	26670	26965	26965	26965	27180	27180	26785	26785	26785	26785	26785	26785	26785	26785	25215	25215
6	23120	23205	22770	22855	22400	22488	22565	22650	21795	21795	21795	21795	21725	21725	21725	21660	21660	21595	21595	21530	21470	21410	21355	21355
7	21665	21730	21730	21530	21595	21660	21440	21510	21225	20945	20665	20665	20330	20055	19965	19115	18710	18710	18400	18230	18230	17900	18390	18390
8	18390	18390	18560	18705	18835	18835	18930	18930	18655	18625	18095	17790	17905	17575	16605	16605	16239	16239	15375	15375	15800	15800	15800	15800
9	16230	17410	17675	17575	18095	17980	18265	18265	18550	18835	19115	18835	19115	18835	18835	18835	18835	18835	19115	19115	18835	19005	18705	18705
10	18705	18705	19005	18835	19115	19395	19295	19995	20205	20205	20425	20425	20330	20330	20770	20595	20850	20850	20850	20595	20595	20595	20395	20395
11	20345	20130	19085	19205	18705	18835	18660	18660	18660	18660	18660	18550	18230	18230	18230	18560	18390	18390	16960	16960	16915	16915	16915	16915
12	16565	16565	16840	16840	17030	17030	17060	17060	17340	17340	17340	17320	17300	17300	17300	17300	17300	17300	17595	17865	18115	18385	18655	18930
13	19305	19605	19905	20470	20785	21385	21445	21725	21725	21660	21620	21595	21595	21595	22325	22590	22590	22590	22590	22590	22510	22510	22690	22690
14	22950	22950	23038	22038	23385	24180	24400	24400	26215	26215	22940	23210	26815	27800	28750	28750	29995	29995	29995	29995	29995	29995	29995	29995
15	31305	31305	31305	31495	31680	31680	31680	31680	30665	30665	30665	30665	30770	30770	31805	31805	31805	31805	31805	31985	31985	30165	30165	30165
16	28525	28770	28640	28640	27570	25570	26265	22645	24640	24640	24640	24640	25045	24515	24515	24240	25850	23850	23850	23210	22940	22940	22670	22670
17	22205	22205	22400	22400	22400	22400	21595	21595	21530	21530	21730	21990	21950	21925	21920	21855	22110	22110	22040	22040	21795	21730	21490	21490
18	21490	21240	21000	21050	20800	20800	20345	20345	20345	20305	20305	20265	20755	20755	20510	20510	20265	20265	20020	19550	19075	18600	19075	19075
19	17650	16695	16660	17020	16250	16250	16550	16550	16760	16760	16760	16760	16265	16265	15955	15595	15595	15595	15265	15265	14940	14940	14940	14940
20	14835	14835	14515	14935	15325	15675	15370	15380	15100	14760	14025	14025	14025	13285	12905	12905	12905	12905	12905	13225	13550	13870	13425	13735
21	15150	15515	16250	16250	16585	16585	15925	15545	15190	15870	15515	16239	16205	16205	16695	16695	16695	16660	16230	15800	16240	16240	16240	16240
22	15900	15900	15900	16295	16565	16840	16220	16230	16220	15940	15940	15940	15390	15390	15390	15380	15380	15065	15065	15065	15065	15065	15065	15065
23	15065	14760	14825	14825	14500	14170	13905	13585	13510	13415	13065	12295	12265	12235	11900	11600	11275	10990	10990	12980	14405	14120	15840	16315
24	15360	15275	17170	16695	17320	17245	16570	15345	15680	15050	14760	13420	13340	13000	11310	13005	10629	9696	9696	8901	9166	9431	9696	9961
25	10267	11314	11296	11314	12013	11987	11635	13615	14935	17320	17320	16239	14039	12773	12176	12176	11859	12176	12176	12176	12176	12176	11390	11460
26	17172	17172	16777	16777	17172	17172	17518	17800	17410	17410	17410	17410	15446	15446	14743	14743	15151	15161	15151	15757	15151	14836	14836	14836
27	14836	14427	14427	14427	14836	15267	15982	14110	13005	13005	12666	12666	14675	14275	14275	14275	14275	13945	13945	13945	11605	12203	11876	11876
28	12176	12509	12204	12233	12262	12263	12293	12293	12623	12623	12293	12666	12327	12327	12711	12327	14823	15102	15671	15671	15671	15680	15680	15680
29	15959	15967	15975	15975	15959	15950	18440	18715	19781	23029	24631	24502	26814	28036	29400	30084	31745	32698	37800	43200	47360	47580	54955	55185
30	58485	59110	59525	59525	60595	60815	61245	61675	63395	65946	66810	69560	71180	72855	73705	74935	74935	78035	78475	78475	78860	79640	80070	80070
31	81360	81360	82420	83050	83050	83500	83050	82860	84000	84825	87620	88400	88980	89750	90530	90530	90530	90530	90530	90530	90115	89750	89050	89750

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

June 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	87430	86265	85880	86060	86060	86060	86450	86450	86450	86635	86245	85835	85425	85015	84655	84390	83945	83500	82605	82160	81270	80825	78155	78155
2	76615	77385	76615	75430	75030	75430	75830	75830	75430	75430	75430	74235	73395	72555	72555	72135	71715	71715	70460	70460	69360	69360	69020	69020
3	67500	67185	66815	66480	65215	64855	64490	63195	62335	62335	61900	61470	61040	60175	60175	59770	59360	58950	57730	57730	57325	57325	56920	56920
4	55300	54895	54495	53290	52090	49110	50090	50090	50090	48310	47960	47960	47740	47030	46450	46450	46220	46220	45985	45985	45630	45630	45630	45630
5	42785	42785	41745	41745	40705	40705	39850	39850	39850	39850	38000	37820	37820	37820	37820	37820	37820	37820	36250	36250	36250	35525	34795	34795
6	32870	32870	32870	32870	32870	32870	31620	31620	31305	31305	31305	31930	32560	32560	32560	32560	32560	31930	31305	30650	29995	29260	28445	27630
7	26790	25990	24470	26115	25470	25470	24975	24975	24290	24090	23650	22855	21795	20205	19115	18550	20785	22130	24975	28115	30165	30875	31305	32110
8	32725	33345	34105	34710	35085	35465	35315	35315	35685	35525	35525	36250	36250	36250	37035	36280	35525	34430	34430	34430	34430	34430	34430	34430
9	32555	31930	31680	31260	31445	31445	29650	29650	28640	29790	29790	29570	30365	30365	30365	30165	30165	30165	30165	30165	30165	30165	30165	30165
10	30165	30165	30365	30365	30365	30365	30365	30365	30365	30165	30165	30165	30165	30165	27690	27690	26000	26000	26000	26000	25315	25315	25315	25315
11	23480	22940	22565	22660	22735	22160	20470	20470	20375	20375	20375	20660	20660	20660	20330	20285	19960	19680	19395	19115	19005	19005	19525	19845
12	19680	19115	18930	18955	18955	18740	18740	18740	17610	17575	17410	18560	18390	18390	18190	18190	18190	18190	18190	18390	18390	18390	18390	18390
13	18095	18265	17975	17395	17335	17075	16535	16815	16255	15975	15685	15450	15115	15100	14455	16265	16265	15595	15595	16605	16605	16240	16605	16605
14	16605	18400	16875	16565	17695	16270	16490	16500	16510	14835	14835	14825	14825	13760	11315	9695	9110	9400	9400	10630	10630	10640	10640	10640
15	12360	12360	12360	12360	13805	13510	12845	14170	14170	13510	11295	7565	4000	4652	7567	7647	7096	7741	7741	7419	7741	8064	7419	7741
16	8395	8345	8400	9480	8690	8200	8785	8785	8690	8760	8990	8400	8930	8530	8860	9120	8355	8615	8665	8710	8980	8985	8715	8760
17	1680	1650	1585	1575	1560	1530	1530	1195	1195	8020	8655	8090	9295	1225	1215	1205	1200	8990	8670	1225	1210	1210	1205	1185
18	1190	1185	1185	1180	1175	1175	1175	8510	8150	8740	8670	7930	8845	7930	7930	4340	4300	4270	4240	9650	8685	3970	3950	3950
19	5355	4850	1175	1175	1170	1170	1170	3915	9065	9055	9255	8565	9185	9255	8130	8920	9220	9440	8730	8730	9560	8810	8925	9465
20	7810	8885	8255	8620	10405	9255	9170	8680	9170	9185	9255	9235	9235	8745	8620	9310	8690	8770	9310	8620	9280	9310	8620	8620
21	7590	8270	8205	7590	7515	7590	7580	9330	9500	8920	7420	6625	6550	6625	6575	6505	6575	6575	6505	6575	6575	6575	7215	3810
22	1200	1190	1180	1175	1170	1170	3565	4515	3970	8855	9045	9045	6300	6880	6290	6940	6940	6405	4160	4165	4165	4160	1205	1205
23	1195	1195	1195	1195	1190	1190	1185	1185	1185	5790	5980	5360	6690	5360	5360	1220	1225	1230	1220	4335	5290	5895	5290	5290
24	1225	1225	1215	1215	1210	1205	1195	1190	1185	4480	7015	8000	8835	9300	8230	8725	8835	8750	8820	8810	8840	8840	8570	8570
25	9515	1195	1175	1165	5190	8685	8750	8935	8830	8895	8880	8725	8975	8275	8230	8380	7670	7670	8210	7840	7670	7880	5985	4435
26	1195	1195	1185	1185	1180	1180	1170	1170	8340	8440	8290	4670	7030	9005	9335	9450	9380	8275	8275	8275	8745	8670	8745	6960
27	8220	6685	7170	7490	7170	7170	7495	7615	8670	8745	8230	9300	8930	8725	9310	8670	8670	8915	8670	9160	9310	8620	9160	9310
28	1195	1185	1185	1185	1185	1185	1185	7700	8040	8565	9765	9650	9025	8185	8555	8605	8605	8680	9030	8985	9605	9565	8985	8985
29	9855	4510	3665	4215	3305	3380	3290	10030	9005	8870	9475	8435	9655	8920	8435	8865	8970	8865	9545	9165	9475	9475	8920	8920
30	4265	3650	4100	4120	4080	7105	6555	8020	9430	8745	10095	9415	9475	9475	9545	9475	9525	9545	8865	2430	6755	6235	3680	1215

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

July 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1400	1395	1395	1395	1395	1395	1395	1395	1395	1395	1395	6360	6400	6400	4365	2945	2945	2945	2985	2580	6960	9255	3330	1405
2	1405	1400	1395	1395	1385	1380	1380	1380	4180	9065	9800	9175	9615	9665	9835	9250	9885	6675	4470	5235	5345	5345	5280	5280
3	1420	1420	1415	1410	1410	1410	1405	1405	6775	6835	7415	5580	4470	8735	9395	9190	9745	6510	6715	6595	6595	7180	3225	3225
4	2735	2720	3090	3045	2630	2615	2970	2595	2935	2890	3910	3775	4210	3800	4210	1520	1520	1695	1380	1380	1380	1380	1380	1380
5	1380	1380	1380	1380	1375	1390	1390	1390	9585	9130	9235	9800	9910	9015	9865	9300	9865	9185	9135	9685	9275	9185	9140	9140
6	3820	4245	2910	2910	1375	1375	7460	8605	9620	9750	8415	9260	9370	9250	8975	9175	9005	9345	9175	8880	9865	8755	8680	9440
7	10420	9690	10490	10440	10300	9760	9550	10235	10165	13335	13370	16520	14720	15920	20280	21830	21950	22115	22140	20975	24940	26320	28315	28400
8	23300	23835	23005	21180	22300	23290	23410	23925	22740	23385	23460	21160	18805	19190	18640	19250	19835	17340	17280	17240	17725	17115	17495	17495
9	10420	11320	10125	10145	10770	10125	10635	10125	9725	10640	10395	9930	10395	9910	9955	9885	9955	9910	9910	9910	9935	9910	9910	9910
10	9955	9955	9985	10365	9955	9910	9720	9720	10335	10415	10380	9755	10070	10525	11260	10200	10050	10930	9795	10275	10525	10025	9665	9665
11	10345	10590	10885	10435	10390	10885	16090	14455	14210	15705	11910	11955	12540	13020	13225	11965	12725	12865	8985	9495	12765	11955	9970	9970
12	8270	9950	9730	9015	9695	9810	15150	14950	14970	13835	13280	12420	13640	12570	10155	9900	9945	10390	10880	10865	10985	10555	10985	10985
13	11120	10320	11515	11410	10775	10650	10850	10450	11230	10650	12255	11955	11365	11955	11390	11365	11490	11390	12055	10800	11365	11615	11145	11145
14	12030	11330	11680	11680	10740	11335	12030	12030	11435	11560	11560	14020	14255	13085	13930	14395	11070	11595	11720	11135	11040	11135	11135	11595
15	11930	11430	11430	10930	7745	7745	8250	8250	6760	6760	6760	6760	6760	5620	5255	5265	6395	6900	6395	6370	6400	6395	6370	6395
16	3300	3065	3215	3215	3200	2990	3030	3030	9145	9120	8350	9970	9290	9990	9910	9990	8840	9910	9290	9490	9815	9330	9330	9330
17	4165	4140	5070	4740	4610	5070	4490	4490	9460	9600	9725	9435	9210	9260	9330	9330	10030	9425	7145	9020	9260	9260	9260	1585
18	1840	1820	1820	1820	1820	1805	2120	7060	8885	10030	9360	9150	10030	9500	10020	11165	11060	10465	10570	10405	9945	9870	10465	10465
19	11060	11285	11060	11060	10990	11045	9755	9915	10060	10010	10730	10010	10690	10270	10690	10690	10270	10030	10375	9340	10965	10965	10379	10420
20	9340	3790	4545	4455	4480	4330	4830	8740	9780	10550	8960	9230	9570	9940	9845	9920	9480	9845	9230	9355	9355	9355	9230	9845
21	8300	4910	5890	5890	5290	5290	6520	9345	9415	9590	10050	9515	9535	8990	9120	9720	9710	9600	9640	8990	9600	8990	9350	9350
22	1210	1190	1180	1170	1165	1165	1160	1160	2940	3180	4215	10135	10240	10120	3960	4780	9290	9170	9290	9590	9970	10050	9550	9550
23	1190	1180	1175	1175	1165	1160	1160	9155	9780	9920	9970	9230	9290	9290	10740	9455	10030	9990	9905	9640	9540	9290	9415	9415
24	10755	1195	1175	1170	1165	1160	1160	8645	10830	9970	9575	9790	10690	10030	9330	8870	9515	4165	4040	4010	3985	3985	3945	3945
25	1460	1460	1155	1155	1155	1155	1155	1155	10085	9595	9290	9905	9900	9900	9460	10115	9335	9290	9960	10140	9460	1540	1515	1500
26	1190	1190	1185	1185	1180	1170	1170	3945	9020	9170	9230	9335	1195	1180	1170	1160	1160	1160	1155	1155	1155	1155	1155	1155
27	1160	1160	1160	1155	1155	1150	1150	1150	1150	1150	1150	9305	9205	10325	11005	9050	9170	9050	1175	1170	1170	1170	1170	1170
28	1170	1170	1160	1155	1150	1150	1140	1140	8160	8220	8330	8430	1160	1155	1150	1150	1150	1150	1150	1150	10355	10315	1160	1155
29	1175	1170	1165	1160	1155	1150	1150	1145	1145	8120	7730	1155	1150	1150	1150	1145	1145	1145	1145	1145	8120	8325	1155	1150
30	1150	1150	1150	1145	1140	1140	1140	1140	8605	7660	7750	7750	1160	1155	1160	1155	1150	1150	1150	1150	1150	1150	1150	1150
31	1150	1150	1140	1140	1135	1135	1135	1130	1130	1130	12590	12150	8580	8090	8500	8090	1165	1165	1165	1165	1165	1165	1165	1165

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

August 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1165	1165	1155	1145	1140	1140	1130	1130	1130	1410	8460	8190	7970	8340	8465	8340	7970	6305	3770	1150	1155	1165	1165	1165
2	1160	1155	1145	1140	1135	1135	1130	1125	1120	1120	8130	7810	8190	7805	8240	8020	8410	6220	3740	1140	1140	1145	1155	1155
3	1145	1140	1140	1135	1130	1130	1125	1120	1120	1120	8150	8190	7850	8465	7970	8340	7930	8340	7910	3025	3025	2590	1150	1150
4	1150	1150	1150	1150	1140	1135	4105	3685	4105	3685	4105	4105	1135	1135	1715	2435	2435	2435	2435	1145	1145	1150	1150	1150
5	1150	1150	1150	1150	1150	1140	1135	1130	1130	2935	2950	2950	2950	1135	1135	1135	1135	1135	1135	1135	3425	3765	3740	3740
6	3440	3440	1140	1140	1135	1130	1125	1125	1125	6000	8645	9540	9160	9695	9355	9635	9910	10030	9735	1175	1175	1175	1175	1175
7	1165	1165	1155	1150	1145	1140	1135	1130	1130	1130	8550	8410	8020	8020	10145	9120	9120	1150	1135	1135	1135	1135	1135	1135
8	1135	1135	1135	1135	1130	1130	1805	1805	8340	8190	7910	8340	8020	8410	8090	8055	7850	8295	8090	3880	1165	1165	1175	1185
9	1170	1170	1165	1155	1150	1145	1140	1135	1135	4160	8330	8760	8340	8840	8420	8440	8420	8425	8420	1175	1175	1175	1175	1175
10	1175	1165	1155	1150	1145	1140	1425	1135	4160	9465	8950	9050	5810	5810	5945	5380	1175	1180	1180	1180	1175	1170	1170	1165
11	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165
12	1165	1165	1165	1165	1165	1165	1160	1160	1150	1150	1150	5310	8400	1155	1145	1140	1150	1145	1145	1145	3740	7335	1450	1150
13	1150	1145	1140	1140	1135	1130	1410	1130	1130	4555	9320	8975	8675	8100	8140	9570	9635	5910	5910	1160	1155	1155	1155	1155
14	1155	1155	1155	1150	1145	1145	1150	1150	1150	1150	1150	8855	8760	9275	8740	8805	9370	1195	1195	1195	1185	1195	1195	1195
15	1180	1165	1160	1150	1150	1145	1140	1135	1135	1275	3565	9035	8620	8270	4725	1155	1150	1150	1145	1150	1150	1160	1160	1160
16	1150	1140	1140	1135	1135	1130	1265	1130	1130	6140	9205	9030	8860	8945	9920	10170	1160	1145	1140	1145	1145	1145	1145	1145
17	1145	1145	1145	1145	1140	1135	1135	1135	1135	1135	1135	6290	8760	8790	1645	1150	1155	1160	1150	1150	1155	1155	1155	1155
18	1155	1155	1155	1150	1150	1145	1145	1140	1140	1140	1140	1140	1140	1140	1145	1145	1150	1150	1150	1150	1150	1150	1150	1150
19	1150	1150	1145	1145	1140	1140	1140	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135
20	1135	1135	1130	1130	1130	1130	1130	1130	1130	9405	9995	9320	9455	1145	1140	1140	1140	1145	1145	1145	1145	1145	1145	1145
21	1145	1145	1140	1140	1140	1135	1135	1135	1135	1135	9830	10025	1150	1140	1435	1150	1160	1160	1160	1160	1160	1160	1160	1160
22	1160	1160	1160	1160	1150	1140	1140	1140	1140	3750	3795	3480	4995	8215	8205	4995	4235	1155	1150	1150	1150	1150	1150	1150
23	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1160	1165	1160	1160	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170
24	1165	1165	1165	1165	1165	1165	1165	1165	1165	1165	3755	4095	3905	4365	4065	4065	3905	1165	1165	1165	3855	1165	1165	1165
25	1165	1165	1165	1160	1155	1450	1145	1145	1140	1140	3740	3740	1145	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140
26	1435	1140	1140	1140	1135	1130	1130	1130	1130	1130	1130	1125	1125	1125	1125	1125	1125	1125	1125	4080	4240	3900	3900	1135
27	1410	1130	1130	1130	1130	1410	1125	1120	1120	1120	4585	4885	4580	6390	6805	8035	8870	9260	9055	8685	8645	9320	1055	1050
28	1150	1150	1150	1140	1140	1430	1135	1135	1155	1155	3425	3440	3800	3740	3800	3750	3770	4295	3810	3810	3810	1165	1160	1160
29	1160	1160	1160	1160	1160	1150	1145	1145	1145	1145	3630	3665	3825	3825	3825	3880	1170	1170	1170	1170	1170	1170	1170	1170
30	1170	1170	1170	1170	1160	1150	1145	1145	1145	1145	3770	3845	3645	3995	3810	3515	4325	1175	1175	1175	1170	1170	1170	1170
31	1170	1170	1170	1170	1165	1160	1155	1155	1155	1155	3865	3865	4295	3865	3880	3825	1165	1165	1165	1165	1165	1165	1165	1165

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

SEPTEMBER 1984

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
1	1165	1165	1160	1155	1150	1150	1145	1145	1145	1140	1145	1145	1430	1140	1140	1140	1140	1140	1140	1140	1140	1140	1150	1150
2	1285	1435	1435	1620	1615	1615	1815	1815	1810	1810	1810	1810	1810	1815	1820	1830	1840	1840	1840	1850	1865	1890	1915	1915
3	1660	1660	1460	1465	1450	1445	1840	1830	1425	1135	3435	8165	9310	1155	1140	1135	1135	1135	1135	1135	8880	9050	1150	1150
4	1150	1140	1140	1135	1130	1130	1410	1130	1130	1130	8560	8605	1150	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140
5	1145	1145	1140	1140	1135	1135	1135	1135	1135	1135	3565	3420	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135
6	1135	1135	1135	1135	1135	1135	1130	1130	1130	1130	1130	1130	1135	1140	1145	1145	1150	1150	1150	1150	1150	1150	1150	1150
7	1150	1150	1150	1145	1140	1140	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	5030	7610	1150	1150	1150
8	1150	1150	1150	1150	1145	1140	1140	1140	1140	1140	1140	1145	1145	1145	1145	1150	1150	1450	1150	1150	1155	1155	1155	1155
9	1155	1155	1155	1155	1145	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1145	1145	1145	1145	1145	1145
10	1145	1145	1140	1135	1135	1130	1130	1130	1130	10225	9830	8880	10685	9140	9770	1185	1170	1185	1185	1185	1185	1185	1185	1185
11	1190	1190	1185	1180	1175	1170	1165	1160	1160	6780	6365	6280	6470	6555	6085	6870	1575	1220	1205	1200	1200	1200	1200	1200
12	1190	1180	1170	1165	1160	1160	1150	1150	1150	4325	3855	3905	3825	3880	3880	3825	3825	3880	3515	7940	4400	1165	1165	1165
13	1155	1150	1150	1150	1145	1145	1145	1145	1145	1145	6810	5990	6870	6020	6480	5250	5285	5330	5330	4870	1170	1165	1165	1165
14	1165	1165	1165	1165	1165	1165	1165	1165	4805	4830	5250	4870	5375	4905	4950	5035	5710	5125	5785	5150	5200	5200	1190	1185
15	1225	1225	1215	1205	1195	1190	1175	1175	5395	5465	5540	4990	3665	4215	3665	4215	1205	1205	1205	4300	1205	1205	1205	1205
16	1540	1205	1200	1195	1185	1175	1170	1165	1165	1165	1165	4515	4045	1170	1170	1170	1170	1170	1170	5945	4990	5625	5615	1215
17	1185	1185	1180	1175	1175	1175	1170	1170	1170	1170	1170	1170	1170	1170	1170	1180	1180	1180	1185	1195	1195	1195	1195	1195
18	1195	1195	1195	1195	1195	1190	1180	1180	1180	1180	1180	1180	1190	1190	1100	1100	1225	1195	1195	1195	1195	1195	1205	1205
19	1200	1200	1195	1195	1190	1185	1180	1480	1190	1215	1215	1215	1030	1030	1225	1225	1225	1225	1225	4810	2890	1200	1200	1200
20	1200	1200	1195	1195	1180	1175	1170	1170	1170	3720	2125	1225	1250	1300	1350	1065	1065	1060	1060	1550	1220	1220	1210	1205
21	1205	1205	1205	1205	1195	1190	1180	1180	1185	1190	1525	4435	1240	1240	1250	1250	1250	1250	1250	1205	1205	1205	1210	1210
22	1210	1210	1210	1195	1195	1185	1180	1180	1180	1180	2435	3040	2445	1205	1205	1205	1205	1205	1205	3620	2805	1195	1195	1195
23	1195	1190	1180	1175	1170	1165	1160	1160	1145	1145	1145	1145	1145	1145	1145	1145	1145	1145	1145	3540	2655	2655	1165	1165
24	1165	1165	1165	1165	1160	1160	1155	1155	1135	1135	3200	4240	4260	4200	4200	4260	4200	4650	4650	6470	4080	1190	1190	1190
25	1190	1190	1175	1170	1160	1160	1155	1155	1135	1135	2300	5205	5115	5220	5220	4600	4475	4600	3090	7395	2750	1190	1185	1185
26	1175	1170	1160	1160	1155	1150	1150	1150	1455	1120	1120	1120	1120	1120	1135	1135	1140	1140	1150	1165	1175	1175	1170	1170
27	1170	1170	1170	1165	1160	1150	1145	1145	1115	1115	1115	3150	3495	3510	1130	1135	1145	1145	1150	1160	1175	1185	1180	1180
28	1180	1180	1180	1180	1175	1170	1170	1170	1165	1170	1050	1050	1190	1190	1205	1225	1225	1225	1225	1225	1225	1250	1275	1275
29	1275	1250	1240	1225	1190	1170	1165	1165	1150	1150	1150	1150	1150	1165	1165	1170	1170	1170	1190	1190	1190	1190	1190	1190
30	1190	1190	1170	1160	1150	1145	1140	1135	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130	1130

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

October 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1130	1130	1130	1130	1120	1115	1115	1115	1115	1115	4200	4990	5470	5470	5535	5635	4625	5730	5175	5220	5860	1170	1170	1170
2	1170	1170	1165	1150	1140	1135	1130	1130	4610	4645	5900	6660	7545	7005	7095	7005	5320	5320	5320	5320	5320	5320	4815	5320
3	1100	1165	1150	1150	1145	1140	1140	1140	4110	4610	4610	4610	5855	6390	5865	6390	6915	5850	5865	6390	6375	6390	5865	6375
4	6390	6390	6455	6465	5920	6465	6465	6460	6530	6600	6120	6660	6720	6060	6060	6660	6750	6150	6090	6630	5490	6030	4730	2500
5	1225	1215	1205	1205	1190	1180	1180	1180	6055	6645	6600	6720	6645	6600	6545	5450	4630	5450	5720	5995	4905	1250	1215	1215
6	1215	1215	1205	1205	1180	1170	1165	1165	4240	3805	4650	4700	4290	1190	1190	1190	1190	1190	1190	3720	1215	1205	1205	1205
7	1100	1180	1170	1165	1150	1150	1145	1145	1145	1145	1145	3495	2645	1145	1145	1145	1145	1145	1145	6615	7190	1165	1160	1160
8	1145	1145	1140	1135	1120	1115	1105	1105	3800	5900	6175	5850	6215	4140	3475	6330	6330	6330	6330	5935	5935	5935	5850	5850
9	1105	1100	1095	1095	1085	1085	1180	1180	6210	5900	6300	6300	6300	5915	5915	6300	5915	6300	6145	6145	6300	6300	4405	1120
10	1095	1095	1095	1095	1095	1095	1095	1095	5460	6420	6080	6010	6010	6420	4425	4125	4425	4425	6010	6495	5995	2300	2300	1120
11	1120	1120	1120	1120	1120	1120	1110	1110	5205	5230	4820	4350	4350	4820	4820	4820	4450	4875	4930	6200	4985	4475	1190	1190
12	1190	1190	1170	1165	1160	1150	1150	1150	5635	6105	6210	5610	5005	1150	1150	1150	1150	1150	1150	4280	1150	1150	1150	1150
13	1150	1150	1140	1135	1130	1120	1110	1110	1110	1110	3720	4140	1120	1120	1120	1120	1120	1120	4110	4190	1140	1140	1150	1150
14	1140	1140	1130	1120	1115	1110	1100	1100	1100	1100	1100	1100	1100	1100	1090	1090	1090	1090	1090	1090	1095	1100	1100	1100
15	1100	1100	1100	1100	1090	1085	1080	1080	1080	3100	4575	3160	1110	1110	1115	1115	1120	1130	1135	1140	1145	1145	1145	1145
16	1050	1050	1135	1130	1115	1110	1100	1100	1100	5120	5120	3220	3220	1150	1160	1165	1165	1165	4860	4790	1160	1160	1160	1160
17	1160	1160	1150	1145	1130	1115	1115	1115	4735	5230	5230	3330	3330	3395	3120	3190	2210	5120	5375	4925	1180	1180	1180	1180
18	1180	1180	1165	1150	1145	1140	1140	1140	1170	1170	4360	1190	1170	1190	1190	1190	1170	1170	1165	1170	1165	1160	1160	1160
19	1145	1140	1130	1115	1105	1100	1095	1095	1095	6285	6860	1120	1120	1120	1130	1130	1135	1135	1135	1135	1135	1135	1135	1135
20	1135	1135	1135	1135	1120	1115	1110	1105	1105	1105	1105	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120
21	1120	1120	1115	1105	1095	1085	1085	1085	1085	1085	1080	3145	4985	5010	4550	5010	1095	1085	1085	1085	5025	5060	1110	1110
22	1110	1110	1105	1095	1090	1085	1085	5070	5670	6105	6090	5935	6330	6440	6330	5935	6330	6330	6330	5935	5910	6330	6330	6330
23	5850	5935	6020	6020	3080	3090	2820	6255	5900	6135	5900	6135	5430	6300	5840	6300	1135	1135	1135	1135	1135	1135	1135	1135
24	1135	1135	1130	1115	1105	1095	1090	1090	5985	6345	6010	5155	4405	1120	1120	1120	1120	3910	3910	4140	1150	1165	1165	1165
25	1160	1150	1140	1130	1115	1105	1100	1100	2790	2790	3175	3175	1110	1110	1110	1175	1140	1140	4270	4270	1165	1165	1165	1165
26	1165	1165	1160	1150	1145	1140	1140	1140	1450	4500	4650	4735	1140	1140	1165	1165	1165	1165	5195	5195	1170	1165	1165	1165
27	1165	1165	1165	1165	1160	1160	1120	1115	1120	1120	1120	1120	1120	1120	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
28	1150	1150	1140	1135	1135	1135	1130	1130	1130	1130	1130	6250	6645	1135	1135	1135	1135	4880	5320	2605	2555	3725	3725	3725
29	3725	3725	3710	3710	3710	3710	3910	3710	6285	6285	5900	5815	4100	4120	4260	3890	6875	6950	6530	2675	2675	1165	1160	1155
30	1160	1160	1150	1150	1135	1135	1130	1090	1085	1085	2835	1090	1090	1090	1090	2245	3730	5280	5155	3750	1145	1145	1145	1145
31	1145	1145	1140	1140	1135	1135	1130	1130	1130	3100	3100	2820	3100	4630	5010	4680	5095	8695	8445	8825	1160	1160	1160	1160

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

November 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1160	1160	1150	1150	1145	1140	1100	1170	4140	4140	4140	4140	4140	4140	1135	1135	3950	5915	4535	3155	1170	1170	1170	1170
2	1170	1170	1170	1170	1150	1150	1850	1115	1115	1115	4620	4140	1140	1150	1170	1490	3855	3855	3880	1170	1180	1185	1175	1175
3	1175	1175	1175	1175	1170	1165	1160	1160	1170	1170	1180	1180	1170	1170	1170	1170	1170	4765	3825	3825	3880	1185	1175	1175
4	1175	1165	1160	1160	1140	1140	1135	1135	1135	1130	1130	1130	1130	1130	1130	1130	1130	6780	7200	4690	4690	4650	3440	3740
5	1140	1135	1130	1130	1130	1130	1125	1690	1405	6530	6180	5830	6170	6210	5830	6830	7815	7885	7965	7510	8135	7965	8000	8000
6	1450	1140	1140	1140	1135	1135	1130	1410	5200	6175	5935	6090	6175	6330	6330	6900	8030	8120	8100	8100	8100	8215	8155	8155
7	8120	7665	8300	1155	1150	1150	1145	1185	5850	6330	6330	6330	5910	6330	6440	7585	8055	8030	8645	8645	8695	8695	8645	8645
8	8695	8835	8930	9040	9040	9235	8395	8005	6220	6915	6275	6765	6825	10255	5990	8120	8870	9125	9570	8585	8590	8005	8080	8080
9	9215	9175	1230	1210	1205	8105	9440	8070	6105	5595	6480	6630	5595	6180	6225	7515	8210	8770	8910	3935	1205	1195	1190	1185
10	1175	1175	1170	1170	1165	1165	1165	1165	1165	1165	1165	7640	8380	9010	1190	1175	3705	9690	7540	8430	8040	1200	1195	1190
11	1185	1185	1175	1175	1175	1170	1165	1165	1165	1165	1165	4775	8280	1180	1170	9575	7175	10200	8215	9300	4335	1195	1180	1175
12	1170	1170	1170	1170	1160	1160	1160	1160	1160	7005	7410	7420	7420	7420	7145	7415	8380	9430	8635	7930	9855	8740	10015	10015
13	9595	9335	9945	9815	9820	10645	10350	7955	7225	6765	7225	7200	6950	6575	6800	8795	9875	10575	10350	9210	9500	10145	10375	8890
14	10300	9480	9680	10465	10120	10445	10360	8135	7215	6850	7220	9930	9585	9630	9845	8900	11938	12063	12739	12469	9875	9785	10390	10360
15	9395	9060	9690	10065	10695	9895	9915	9290	7420	7010	7010	7495	6720	6850	7220	8610	9515	10350	9645	9755	9750	10080	10085	9420
16	10170	9825	10050	9830	10050	9490	10440	8720	6300	7240	7395	6690	6770	7145	7130	7130	7040	12325	12095	11500	11285	11805	11805	12075
17	7150	6255	7305	7305	6440	6914	6865	7540	7540	6955	7005	7055	4100	3630	4670	4355	7045	10780	9450	9450	7855	7110	1190	1180
18	1205	1205	1205	1205	1205	1205	1205	1205	1205	1205	3705	7095	6530	1215	1215	1215	4745	9710	9385	10975	6620	7060	1215	1210
19	1200	1195	1195	1190	1185	1180	1180	4515	6330	6245	6330	5785	6795	5875	3970	4125	6520	10875	10785	10345	7050	3665	3815	3760
20	4200	4670	1205	1205	1200	1195	1195	6310	9670	9420	10495	6145	4265	3665	4490	3940	6450	10895	9680	10615	6800	4335	3685	4215
21	4260	1210	1205	1200	1195	1185	1185	6245	10175	9635	9565	5945	3650	2770	2785	2785	9990	10145	10025	10475	5360	2790	1195	1190
22	1190	1190	1190	1190	1185	1185	1175	1175	2375	4300	5150	6470	6355	6405	6955	6355	7240	5830	6420	5605	6630	4390	1220	1220
23	1225	1215	1210	1205	1195	1185	1185	3730	6375	6790	9975	10890	8055	6450	1575	1910	9630	9930	8090	4215	4235	4065	1205	1195
24	1205	1205	1205	1205	1200	1195	1195	1195	5410	7525	7170	7700	6620	5385	5025	5070	10330	9735	10510	10825	9055	4525	1250	1230
25	1245	1230	1220	1215	1205	1200	1195	1195	1195	3100	4635	6450	7105	2095	1190	1190	6220	9350	11075	9885	7920	7920	1210	1205
26	1195	1180	1170	1170	1170	1165	1160	1160	3945	4010	4150	4010	1175	1170	1165	4010	8880	9870	1185	1180	1185	1180	1180	1180
27	1180	1175	1170	1165	1160	1160	1155	1155	1155	6670	5945	7730	8110	1175	1165	1165	8460	8870	9220	8680	1195	1185	1185	1185
28	1185	1180	1180	1180	1175	1170	1165	1165	1165	8080	9240	9870	1185	1165	10340	8560	8560	8680	9100	1190	1180	1170	1170	1170
29	1170	1170	1170	1170	1170	1170	1165	1165	8635	9360	8140	8230	8700	9390	1200	1190	9350	8860	8825	1210	1205	1205	1200	1200
30	1195	1195	1195	1190	1180	1175	1170	1170	7675	9720	8180	9160	9380	8770	8890	8780	8340	8925	8935	8840	8400	8900	8630	8380

Connecticut River Discharge

at Vernon Station, Vernon, Vermont

December 1984

Day	Discharge, cfs																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	9005	8205	9145	4165	4695	5335	5335	6285	8340	8810	9205	8685	9080	8685	8960	9125	8995	8960	9080	8600	8540	8570	8090	8625
2	4975	3615	4150	4110	7410	9815	10835	10230	9875	10140	9700	9525	9840	9595	10000	9775	10410	9875	10155	10015	10100	9630	9760	9760
3	1300	1275	1250	1230	1215	1205	1195	1195	8695	9595	9620	8280	8785	4500	4940	4425	10245	9200	10275	9755	10475	9955	10305	10305
4	4245	4625	1205	1180	1170	1165	6140	8500	8205	8150	10050	9705	9845	11065	9850	9815	9995	10265	9680	9775	9545	10150	10100	10100
5	3570	3915	1230	1215	1205	1195	1190	3665	8625	9240	8465	8500	7920	7410	6800	7390	8195	10055	10015	10100	9610	4595	1235	1230
6	1220	1220	1210	1205	1195	1195	1195	1195	9775	9760	9310	9280	9045	6355	3845	4045	9620	9260	7090	6845	3945	3860	1230	1225
7	1215	1210	1205	1205	1205	1205	1200	1200	1200	4410	8030	6730	4715	4840	4490	3810	8690	8555	6785	4210	4305	1220	1215	1210
8	1200	1195	1195	1195	1195	1195	1195	1195	1195	1195	1200	1205	1205	1200	1200	1200	3705	5110	5195	4390	1200	1190	1185	1180
9	1180	1180	1180	1180	1175	1170	1170	1170	1165	1165	1165	1165	1165	1165	1165	1165	3215	8435	5920	2745	1170	1170	1165	1165
10	1165	1165	1165	1160	1160	1160	1160	1160	7450	10175	10150	9150	7570	4375	4375	4395	9705	10575	9700	9280	10420	8780	3650	1185
11	1170	1170	1170	1170	1165	1165	1160	1160	9680	9725	9710	9755	8740	8860	8325	8740	9320	9825	9955	9795	9625	8150	4640	2420
12	1190	1190	1190	1190	1175	1170	1165	1165	9545	11145	10610	10030	10070	10445	10200	9460	10050	10190	9595	10265	9595	6830	5090	2455
13	1215	1215	1205	1205	1195	1195	1190	1190	10180	9915	10245	9460	10555	9600	9845	9770	10210	9600	9525	10265	10035	9525	8570	6830
14	1230	1210	1205	1205	1200	1200	1200	1200	10620	10135	10615	3730	4275	4215	3650	4100	10605	9485	9680	10225	9610	9845	9605	9605
15	6025	5480	1205	1205	1200	1195	1190	1190	10715	10050	9045	10590	9805	9045	10370	9460	10395	10655	10590	10105	10030	10590	10030	10860
16	10570	10080	8805	8560	9160	9310	8830	8780	10345	10050	9555	10180	10870	8285	6610	6990	9560	10050	10035	10360	9595	5955	3535	3515
17	1185	1180	1175	1170	1165	1165	1165	5650	10165	10380	9865	9735	9355	10535	10615	9850	9825	9825	9980	9815	10120	6575	4320	2825
18	1180	1180	1175	1170	1165	1165	1165	8400	10685	10175	10385	10890	10390	9700	10975	9865	9735	9865	9735	10365	10570	9815	9815	9815
19	1260	1215	1195	1190	1180	1170	3880	3925	13190	12090	10195	9975	10195	9590	9635	9895	9960	9670	10365	9275	9775	9735	9735	9735
20	11115	10475	10365	10365	10475	9755	9815	9795	10705	9460	10775	9840	9935	10115	10360	9840	10445	9595	10180	10120	9775	9595	9595	9595
21	10945	1230	1225	1220	1205	1195	1195	11220	9680	9320	9700	9460	11235	9770	10140	9575	9070	9070	9600	10195	9680	9250	9925	9925
22	3805	3595	4430	4430	3730	4275	4285	4275	3685	9290	9695	9875	3810	1230	1230	1230	11075	10090	9225	3825	1230	1220	1210	1205
23	1205	1205	1205	1205	1205	1205	1205	1205	3685	10310	9195	9390	9930	1245	1225	1225	10385	10485	10070	9900	9390	10070	4995	1230
24	1220	1210	1205	1205	1200	1195	1190	1190	7470	9865	9365	10300	9750	3810	1225	1220	9735	10385	9735	9735	10475	10365	9260	3750
25	1220	1220	1215	1205	1195	1190	1190	1185	1180	1180	1180	10245	10380	1200	1195	1185	10210	10345	9525	10360	10360	4395	1230	1205
26	1200	1195	1195	1195	1195	1195	1195	1195	6450	9815	10170	10265	7280	7280	1780	1780	9790	9390	10180	9680	6945	6790	1265	1230
27	1225	1225	1215	1210	1200	1195	1195	1195	7835	9425	9530	9585	2530	2505	1230	1210	6920	6785	6835	6890	6880	3705	1195	1185
28	1190	1185	1175	1175	1170	1170	1165	1165	7760	9605	8775	5985	1190	1175	1170	1170	6220	9220	9630	8820	8370	1195	1175	1170
29	1175	1175	1170	1170	1165	1165	1165	1165	3215	3230	3450	5235	7165	7500	9050	9730	9395	9520	9470	8875	9360	10315	10315	9705
30	14533	16540	20060	24625	24150	25405	25315	25520	25560	23155	22920	22645	20845	20880	20630	21545	22723	25530	27864	27041	26771	27441	27475	27475
31	24415	24335	24335	24970	24435	24335	22230	22780	21665	22090	22185	22005	22760	22760	22365	24065	25655	24539	25566	24643	21892	21892	22957	22451

AVERAGE HOURLY TEMPERATURE IN °C

VERNON FISHWAY

MAY 1984

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	FISHWAY INOPERATIVE																								
2	FISHWAY INOPERATIVE																								
3	FISHWAY INOPERATIVE																								
4	FISHWAY INOPERATIVE																								
5	FISHWAY INOPERATIVE																								
6	FISHWAY INOPERATIVE																								
7	FISHWAY INOPERATIVE																								
8	FISHWAY INOPERATIVE																								
9	FISHWAY INOPERATIVE																								
10	FISHWAY INOPERATIVE																								
11	FISHWAY INOPERATIVE																								
12	FISHWAY INOPERATIVE																								
13	FISHWAY INOPERATIVE																								
14	FISHWAY INOPERATIVE																								
15	FISHWAY INOPERATIVE																								
16	FISHWAY INOPERATIVE																								
17	FISHWAY INOPERATIVE																								
18	FISHWAY INOPERATIVE																								
19	FISHWAY INOPERATIVE																								
20	FISHWAY INOPERATIVE																								
21	FISHWAY INOPERATIVE																12.5	12.5	12.5	12.5	13.0	13.0	13.0		
22	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	14.0	14.0	14.0	13.4
23	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.5	14.5	14.5	14.5	16.0	16.5	16.0	16.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.8
24	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.5	15.5	17.0	17.5	15.5	15.2
25	15.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.0	16.0	16.0	16.0	16.0	17.0	17.0	16.5	17.0	17.0	17.0	16.5	16.5	16.5	16.1
26	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.8
27	17.0	17.0	17.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.8
28	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
29	17.0	17.0	16.5	16.5	16.5	16.5	16.5	16.5	16.0	16.0	16.0	16.0	16.0	15.5	15.5	15.0	15.0	15.0	14.5	14.0	14.0	14.0	13.5	13.5	15.5
30	13.0	13.0	13.0	12.5	12.5	12.5	12.5	12.5	12.5	12.0	12.0	12.0	12.5	12.5	12.5	12.0	12.0	12.0	12.0	12.0	12.0	11.5	11.5	11.5	12.2
31	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.5	11.0	10.5	11.1

AVERAGE HOURLY TEMPERATURE IN °C

VERNON FISHWAY

JUNE 1984

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	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.0	11.0	11.0	11.5	11.5	11.5	12.0	12.0	11.5	11.5	11.5	12.0	12.0	12.0	11.1
2	12.0	12.0	12.0	11.5	11.5	11.0	11.5	11.0	11.0	11.5	11.5	12.0	12.0	NO DATA											11.6
3	NO DATA																								
4	NO DATA																								
5	NO DATA							13.0	13.0	13.0	13.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.4
6	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	14.0	14.0	14.0	14.0	14.0	13.6
7	14.0	14.0	14.0	14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	14.0	14.5	14.5	14.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	14.2
8	15.0	15.0	15.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	15.0	15.0	15.0	15.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.1
9	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.0	16.0	16.0	16.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.0
10	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.0	17.0	17.0	17.0	17.0	17.5	17.5	17.5	17.5	17.5	17.5	16.9
11	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	18.0	18.0	18.0	18.0	18.0	18.5	17.6
12	18.5	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	19.0	19.0	19.0	19.0	19.5	19.5	18.5
13	19.5	19.5	19.5	19.5	19.0	19.0	19.0	19.0	19.0	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.5	20.5	20.5	20.5	19.7
14	20.5	20.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	NO DATA													
15	NO DATA																								
16	NO DATA																								
17	NO DATA																								
18	NO DATA											19.5	19.5	20.0	20.0	20.0	20.0	20.0	20.0	20.5	20.5	20.5	20.0	20.0	20.0
19	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.5	20.0	20.0	20.5	20.5	20.5	20.5	20.5	20.0	20.0	20.0	20.1
20	20.0	20.0	20.0	20.0	19.5	19.5	19.5	19.5	19.5	20.0	20.0	20.0	20.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.1
21	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	21.0	21.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
22	20.5	20.5	20.5	20.5	20.5	20.5	20.0	20.0	20.0	20.0	20.0	20.5	20.5	20.5	20.5	21.0	21.0	21.0	21.5	21.5	22.0	22.0	21.5	21.5	20.8
23	21.0	21.0	21.0	21.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	21.0	21.5	22.5	22.0	21.0	22.0	22.0	22.0	23.0	23.5	22.5	22.0	21.4
24	21.5	21.5	21.5	21.5	21.5	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.5	20.5	20.5	21.0
25	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.7
26	20.5	21.0	21.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	21.0	20.5	20.5	20.5	20.6
27	20.5	20.5	20.5	21.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	21.0	21.0	21.0	21.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.0	21.0	20.9
28	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.5	21.0	21.0	21.0	21.5	21.0	21.5	21.5	21.0	21.5	21.0	21.0	21.0	21.1
29	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.5	21.5	21.5	21.5	21.5	22.0	22.0	22.0	22.0	22.5	22.0	22.0	22.0	22.0	21.5	21.5	22.0	21.6
30	22.0	21.5	21.5	22.0	22.0	21.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.7

AVERAGE HOURLY TEMPERATURE IN °C

VERNON FISHWAY

JULY 1984

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	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	22.0	22.5	22.5	22.5	22.5	22.5	22.5	23.0	22.5	22.5	21.9
2	22.5	22.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.5	21.5	21.5	21.5	21.5	21.5	22.0	23.0	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.1
3	22.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.5	22.5	22.5	23.0	22.0	22.0	22.5	22.5	22.0	22.5	22.5	22.5	22.5	22.5	22.3
4	22.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.5	22.5	22.5	23.0	23.0	23.0	22.5	22.5	22.5	22.5	23.0	23.0	23.0	23.0	23.0	22.5
5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	22.5	22.5	22.5	22.7
6	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
7	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.0	22.0	22.0	22.0	22.0	22.0	22.0	21.5	21.5	21.5	21.5	21.5	22.1
8	21.5	21.5	21.5	21.5	21.5	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	20.5	20.5	20.5	20.5	21.0
9	20.5	20.5	20.5	20.5	20.5	20.5	20.5	21.0	20.5	21.0	21.0	20.5	20.5	20.5	20.5	20.5	20.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.4
10	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.0	20.0	20.5				20.2
11	NO DATA																								
12	NO DATA																								
13	NO DATA																								
14	FISHWAY INOPERATIVE																								
15	FISHWAY INOPERATIVE																								
16	FISHWAY INOPERATIVE																								
17	FISHWAY INOPERATIVE																								
18	FISHWAY INOPERATIVE																								
19	FISHWAY INOPERATIVE																								
20	FISHWAY INOPERATIVE																								
21	FISHWAY INOPERATIVE																								
22	FISHWAY INOPERATIVE																								
23	FISHWAY INOPERATIVE																								
24	FISHWAY INOPERATIVE																								
25	FISHWAY INOPERATIVE																								
26	FISHWAY INOPERATIVE																								
27	FISHWAY INOPERATIVE																								
28	FISHWAY INOPERATIVE																								
29	FISHWAY INOPERATIVE																								
30	FISHWAY INOPERATIVE																								
31	FISHWAY INOPERATIVE																								

Appendix B

Phytoplankton

Notes

The conversion factor is used to convert counts of preserved organisms to number of organisms per liter. The remarks "live" and "dead" describe the condition of organisms in unpreserved entrainment samples only; these remarks are not associated with preserved samples.

Organisms obviously dead in preserved samples at the time of collection were not counted. The remark "outside grid" indicates that the organism was outside the continuing field and not included in the total.

DATE : January 9, 1984 14:45
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7579
CONVERSION FACTOR : 1.7/Liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	2	dead
Pediastrum simplex	1	live
Pediastrum simplex	2	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Large pennate diatoms	1	dead
Fragilariales		
Fragilariaceae		
Asterionella formosa	12	live
Fragilaria capucina	1	
Fragilaria crotonensis	4	dead
Fragilaria crotonensis	1	
Hannaea arcus	1	live
Synedra sp.		outside grid
Synedra acus	1	live
Synedra ulna	1	dead
Tabellaria fenestrata	33	dead
Tabellaria fenestrata	14	live
Tabellaria fenestrata	5	
Coscinodiscáles		
Coscinodiscaceae		
Melosira granulata	6	dead
Melosira italica	37	dead
Melosira italica	12	live
Melosira italica	5	
Pyrrophycophyta		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium hirundinella	1	live
Indeterminate Organisms		
Indeterminate filaments	3	

DATE : January 9, 1984 14:55
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7580
CONVERSION FACTOR : 1.7/Liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Aphanizomenon sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	2	live
Pediastrum simplex	6	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	dead
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	2	live
Fragilariales		
Fragilariaceae		
Asterionella formosa	4	dead
Asterionella formosa	19	live
Asterionella formosa	1	
Diatoma sp.	2	live
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	1	live
Synedra sp.	1	
Synedra acus	1	live
Tabellaria fenestrata	6	dead
Tabellaria fenestrata	11	live
Tabellaria fenestrata	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	17	dead
Melosira italica	2	live
Melosira italica	1	
Indeterminate Organisms		
Indeterminate cells	1	
Indeterminate filaments	1	

DATE : January 9, 1984 14:45
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7581
CONVERSION FACTOR : 1.7/Liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Merismopedia sp.	1	live
Nostocales		
Indeterminate	7	live
Oscillatoriaceae		
Lyngbya sp.	1	live
Lyngbya sp.	1	
Oscillatoria sp.	1	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	2	dead
Pediastrum simplex	2	live
Pediastrum simplex	1	
Zygnematales		
Zygnemataceae		
Zygnema sp.	1	live
Oedogoniales		
Oedogoniaceae		
Oedogonium sp.	1	live
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	dead
Small centric diatoms	1	live
Pennate diatoms		
Small pennate diatoms	6	dead
Small pennate diatoms	2	live
Small pennate diatoms	3	
Fragilariales		
Fragilariaceae		
Asterionella formosa	13	dead
Asterionella formosa	24	live
Asterionella formosa	1	
Fragilaria capucina		outside grid
Fragilaria crotonensis	3	dead
Fragilaria crotonensis	1	live
Fragilaria crotonensis	1	
Synedra acus	1	live
Synedra acus	2	
Tabellaria fenestrata	3	dead
Tabellaria fenestrata	5	live
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	8	dead
Melosira italica	2	live
Melosira italica	1	

DATE : January 9, 1984 14:51
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7582
CONVERSION FACTOR : 1.7/Liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Indeterminate	3	live
Oscillatoriaceae		
Lyngbya sp.		outside grid
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus acuminatus	1	
Hydrodictyaceae		
Pediastrum simplex	1	dead
Pediastrum simplex	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	live
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	4	dead
Small pennate diatoms	4	live
Small pennate diatoms	3	
Large pennate diatoms	1	dead
Fragilariales		
Fragilariaceae		
Asterionella formosa	15	dead
Asterionella formosa	15	live
Asterionella formosa	2	
Fragilaria capucina	1	live
Fragilaria capucina	1	
Fragilaria crotonensis	4	dead
Fragilaria crotonensis	1	live
Fragilaria crotonensis		outside grid
Synedra sp.	1	
Synedra acus	2	live
Tabellaria fenestrata	24	dead
Tabellaria fenestrata	10	live
Tabellaria fenestrata	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	17	dead
Melosira italica	17	live
Melosira italica	3	
Melosira varians		outside grid
Indeterminate Organisms		
Indeterminate cells	1	dead
Indeterminate cells	2	live
Indeterminate filaments	3	

DATE : January 10, 1984 09:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7583
CONVERSION FACTOR : 2.0/Liter

REMARKS : Heavy snow, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Lyngbya sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	12	
Large pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Fragilaria crotonensis	2	
Hannaea sp.	1	
Naviculales		
Gomphonemaceae		
Gomphonema sp.	1	
Cymbellaceae		
Cymbella sp.	13	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Melosira varians		outside grid
Indeterminate Organisms		
Indeterminate cells	1	
Indeterminate filaments	1	

DATE : January 10, 1984 09:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7584
CONVERSION FACTOR : 275/Liter

REMARKS : Heavy snow, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Merismopedia sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Ankistrodesmus sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.		outside grid
Dinobryon cylindricum	1	
Synuraceae		
Mallomonas sp.	2	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	2	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Large centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	21	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Fragilaria capucina	1	
Hannaea sp.	1	
Synedra sp.	1	
Naviculales		
Gomphonemaceae		
Gomphonema sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	30	
Cryptomonads lg.	5	
Indeterminate Organisms		
Indeterminate cells	13	
Indeterminate colonies	2	
Indeterminate flagellates	2	

DATE : January 10, 1984 08:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7585
CONVERSION FACTOR : 1.8/Liter

REMARKS : Heavy snow, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum duplex	1	
Pediastrum simplex	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	4	
Large pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Hannaea arcus	1	
Synedra sp.	1	
Synedra acus	1	
Tabellaria fenestrata		outside grid
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	

DATE : January 10, 1984 08:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7586
CONVERSION FACTOR : 275/Liter

REMARKS : Heavy snow, 100% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus quadricauda	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Mallomonas sp.	1	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	5	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	41	
Large pennate diatoms	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica		outside grid
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	23	
Cryptomonads lg.	3	
Indeterminate Organisms		
Indeterminate cells	20	
Indeterminate filaments	1	
Indeterminate flagellates	1	

DATE : February 8, 1984 10:32
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7593
CONVERSION FACTOR : 1.6/Liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	live
Gomphosphaeria naegeliana	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum duplex	1	dead
Pediastrum duplex		outside grid
Pediastrum simplex	1	dead
Pediastrum simplex	5	live
Pediastrum simplex	2	
Zygnematales		
Desmidiaceae		
Staurastrum sp.	1	live
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	live
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	8	dead
Small pennate diatoms	3	live
Small pennate diatoms	1	
Large pennate diatoms	2	live
Fragilariales		
Fragilariaceae		
Asterionella formosa	22	live
Asterionella formosa	4	
Fragilaria capucina	2	live
Fragilaria crotonensis	8	dead
Fragilaria crotonensis	2	live
Fragilaria crotonensis	1	
Meridion sp.	3	
Synedra sp.	1	dead
Tabellaria fenestrata	10	dead
Tabellaria fenestrata	31	live
Tabellaria fenestrata	3	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	18	dead
Melosira italica	58	live
Melosira varians	4	live
Melosira varians	1	
Indeterminate Organisms		
Indeterminate filaments	1	

DATE : February 8, 1984 10:44
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7594
CONVERSION FACTOR : 1.6/Liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	live
Pediastrum simplex	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	1	dead
Small pennate diatoms	6	live
Large pennate diatoms	1	dead
Large pennate diatoms	1	live
Fragilariales		
Fragilariaceae		
Asterionella formosa	24	live
Asterionella formosa	1	
Fragilaria crotonensis	3	live
Fragilaria crotonensis		outside grid
Tabellaria fenestrata	12	live
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	dead
Coscinodiscales		
Coscinodiscaceae		
Melosira italica		outside grid
Indeterminate Organisms		
Indeterminate cells	2	live
Indeterminate colonies	1	live
Indeterminate filaments	1	live
Indeterminate filaments	1	

DATE : February 8, 1984 10:30
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7595
CONVERSION FACTOR : 1.7/Liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	live
Oscillatoria sp.	3	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	7	dead
Small pennate diatoms	82	live
Small pennate diatoms	36	
Large pennate diatoms	7	live
Fragilariales		
Fragilariaceae		
Asterionella formosa	30	dead
Asterionella formosa	16	live
Asterionella formosa	1	
Fragilaria crotonensis	2	dead
Fragilaria crotonensis	2	live
Meridion sp.	2	
Tabellaria fenestrata	25	live
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	live
Surirellales		
Surirellaceae		
Surirella sp.	1	dead
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	7	dead
Melosira italica	9	live
Melosira varians	57	live
Melosira varians	1	
Indeterminate Organisms		
Indeterminate cells	1	dead
Indeterminate cells	2	live
Indeterminate colonies	1	live
Indeterminate filaments	33	live

DATE : February 8, 1984 10:36
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7596
CONVERSION FACTOR : 1.7/Liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	2	live
Nostocales		
Indeterminate	241	live
Oscillatoriaceae		
Lyngbya sp.	1	live
Oscillatoria sp.	12	live
Oscillatoria sp.	6	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum obtusum	1	
Pediastrum simplex	2	live
Pediastrum simplex	1	
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	12	dead
Small pennate diatoms	50	live
Small pennate diatoms	21	
Large pennate diatoms	3	dead
Fragilariales		
Fragilariaceae		
Asterionella formosa	6	dead
Asterionella formosa	3	live
Asterionella formosa		outside grid
Fragilaria capucina	1	dead
Fragilaria capucina	1	live
Fragilaria capucina	1	
Fragilaria crotonensis	1	dead
Tabellaria fenestrata	21	live
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	16	dead
Melosira italica	21	live
Melosira varians	1	
Indeterminate Organisms		
Indeterminate cells	6	live
Indeterminate colonies	1	live

DATE : February 15, 1984 14:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7597
CONVERSION FACTOR : 1.8/Liter

REMARKS : Rain, overcast

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	2	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	3	
Fragilariales		
Fragilariaceae		
Fragilaria capucina	2	
Meridion circulare	5	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	2	

DATE : February 15, 1984 14:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7598
CONVERSION FACTOR : 275/Liter

REMARKS : Rain, overcast

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron sp.	3	
Oocystaceae		
Ankistrodesmus sp.	1	
Scenedesmaceae		
Scenedesmus quadricauda	1	
Hydrodictyaceae		
Pediastrum boryanum	1	
Zygnematales		
Desmidiaceae		
Staurastrum sp.		outside grid
Chrysophycophyta		
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	8	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	43	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Hannaea arcus	1	
Meridion sp.	1	
Naviculales		
Cymbellaceae		
Cymbella sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	
Melosira varians	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	15	
Cryptomonads lg.	1	
Indeterminate Organisms		
Indeterminate cells	23	
Indeterminate filaments	2	

DATE : February 15, 1984 15:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7599
CONVERSION FACTOR : 1.8/Liter

REMARKS : Rain, overcast

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana		outside grid
Chlorophycophyta		
Chlorophyceae		
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Naviculales		
Gomphonemaceae		
Gomphonema sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	

DATE : February 15, 1984 15:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7600
CONVERSION FACTOR : 847/Liter

REMARKS : Rain, overcast

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron sp.	7	
Tetraedron trigonum	5	
Oocystaceae		
Ankistrodesmus sp.	1	
Chrysophycophyta		
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	6	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	16	
Large pennate diatoms	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	4	
Indeterminate Organisms		
Indeterminate cells	19	
Indeterminate filaments	3	
Indeterminate flagellates	1	

DATE : March 13, 1984 08:40
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7609
CONVERSION FACTOR : 1.6/Liter

REMARKS : Snow, temp-20's, 100% cloud cover

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Indeterminate	1	live
Pennate diatoms		
Indeterminate	16	dead
Indeterminate	3	live
Small pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Diatoma sp.	1	live
Fragilaria crotonensis		live,outside grid
Hannaea arcus	3	dead
Hannaea arcus	2	
Tabellaria sp.		live,outside grid
Coscinodiscales		
Coscinodiscaceae		
Melosira varians		live,outside grid
Indeterminate Organisms		
Indeterminate cells	3	live
Indeterminate colonies	1	dead
Indeterminate colonies	1	live

DATE : March 13, 1984 08:51
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7610
CONVERSION FACTOR : 1.6/Liter

REMARKS : Snow, temp-20's, 100% cloud cover

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	4	dead
Indeterminate	5	live
Small pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa		live,outside grid
Asterionella formosa	3	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica		live,outside grid
Indeterminate Organisms		
Indeterminate cells	1	dead
Indeterminate filaments	1	

DATE : March 13, 1984 08:42
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7611
CONVERSION FACTOR : 1.6/Liter

REMARKS : Snow, temp-20's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana		outside grid
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	live
Oscillatoria sp.	5	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	dead
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	live
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Indeterminate	7	dead
Indeterminate	7	live
Small pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Asterionella formosa	15	dead
Asterionella formosa	20	live
Asterionella formosa	6	
Hannaea arcus		outside grid
Meridion sp.	1	
Tabellaria sp.	7	live
Tabellaria fenestrata		outside grid
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	9	live
Melosira italica		outside grid
Indeterminate Organisms		
Indeterminate cells	9	live
Indeterminate colonies	1	
Indeterminate filaments	1	live

DATE : March 13, 1984 08:49
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7612
CONVERSION FACTOR : 1.6/Liter

REMARKS : Snow, temp-20's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Lyngbya sp.	3	
Oscillatoria sp.	8	live
Oscillatoria sp.	9	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex		live,outside grid
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.		live,outside grid
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.		live,outside grid
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Indeterminate	3	live
Pennate diatoms		
Indeterminate	8	dead
Indeterminate	8	live
Small pennate diatoms	11	
Fragilariales		
Fragilariaceae		
Asterionella formosa	21	dead
Asterionella formosa	35	live
Asterionella formosa	3	
Fragilaria capucina	1	live
Hannaea arcus	1	live
Meridion sp.	1	
Tabellaria fenestrata	4	live
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	13	live
Melosira varians		live,outside grid
Melosira varians	3	
Indeterminate Organisms		
Indeterminate cells	3	live

DATE : March 13, 1984 12:20
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7613
CONVERSION
FACTOR : 1.8/Liter

REMARKS : Snow, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	
Chlorophycophyta		
Chlorophyceae		
Ulothricales		
Ulothricaceae		
Ulothrix sp.	4	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	12	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Hannaea arcus	1	
Tabellaria fenestrata	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Melosira varians	1	

DATE : March 13, 1984 12:30
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7614
CONVERSION FACTOR : 367/Liter

REMARKS : Snow, 100% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Indeterminate	57	
Chlorococcales		
Scenedesmaceae		
Actinastrum Hantzschii	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	27	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	34	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Hannaea arcus	1	
Meridion sp.	1	
Naviculales		
Naviculaceae		
Navicula sp.	1	
Cymbellaceae		
Cymbella sp.	1	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	11	
Cryptomonads lg.	7	
Indeterminate Organisms		
Indeterminate cells	40	
Indeterminate colonies	1	
Indeterminate flagellates	7	

DATE : March 13, 1984 11:40
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7615
CONVERSION FACTOR : 1.8/Liter

REMARKS : Snow, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.		outside grid
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex		outside grid
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Fragilaria capucina	1	
Hannaea arcus	6	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	

DATE : March 13, 1984 11:50
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7616
CONVERSION FACTOR : 367/Liter

REMARKS : Snow, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Merismopedia sp.	1	
Nostocales		
Nostocaceae		
Anabaena sp.	1	
Chlorophycophyta		
Chlorophyceae		
Indeterminate	30	
Chlorococcales		
Chlorococcaceae		
Tetraedron sp.	6	
Scenedesmaceae		
Scenedesmus quadricauda	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	57	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	28	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Hannaea arcus	1	
Naviculales		
Gomphonemaceae		
Gomphonema sp.	3	
Cymbellaceae		
Cymbella sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	2	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	24	
Cryptomonads lg.	7	
Indeterminate Organisms		
Indeterminate cells	91	
Indeterminate colonies	1	
Indeterminate filaments	2	
Indeterminate flagellates	10	

DATE : April 12, 1984 09:40
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7621
CONVERSION FACTOR : 3.2/Liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana		live,outside grid
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	live
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Indeterminate	2	live
Chlorococcales		
Oocystaceae		
Ankistrodesmus sp.	1	live
Hydrodictyaceae		
Pediastrum simplex		live,outside grid
Zygnematales		
Zygnemataceae		
Zygnema sp.		live,outside grid
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	dead
Ulothrix sp.	6	live
Ulothrix sp.	3	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	dead
Chromulinales		
Hydruraceae		
Hydrurus foetidus	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	6	dead
Indeterminate	19	live
Small pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	6	live
Fragilaria capucina	1	
Fragilaria crotonensis	1	live
Hannaea arcus	1	
Synedra acus		outside grid
Naviculales		
Gomphonemaceae		
Gomphonema sp.	7	live
Cymbellaceae		
Cymbella sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	4	dead

(CONTINUED)

DATE : April 12, 1984 09:40
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7621
CONVERSION FACTOR : 3.2/Liter

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate colonies	2	live
Indeterminate filaments	3	live
Indeterminate filaments	2	

DATE : April 12, 1984 09:45
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7622
CONVERSION FACTOR : 3.2/Liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	live
Gomphosphaeria naegeliana	1	
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.		live,outside grid
Oscillatoria sp.	6	
Chlorophycophyta		
Chlorophyceae		
Indeterminate	2	live
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex		live,outside grid
Pediastrum simplex	1	
Ulothricales		
Ulothricaceae		
Ulothrix sp.	2	dead
Ulothrix sp.	3	live
Ulothrix sp.	2	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.		live,outside grid
Chromulinales		
Hydruraceae		
Hydrurus foetidus		live,outside grid
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	1	live
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	8	dead
Indeterminate	13	live
Small pennate diatoms	8	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	23	live
Asterionella formosa	1	
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	1	
Synedra ulna		outside grid
Tabellaria sp.		live,outside grid
Indeterminate Organisms		
Indeterminate filaments	1	

DATE : April 12, 1984 09:43
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7623
CONVERSION FACTOR : 3.2/Liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Rivulariaceae		
Calothrix sp.	4	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	dead
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	live
Ulothricales		
Ulothricaceae		
Ulothrix sp.	2	dead
Ulothrix sp.	3	live
Ulothrix sp.	4	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Large centric diatoms	1	
Pennate diatoms		
Indeterminate	4	dead
Indeterminate	41	live
Small pennate diatoms	63	
Large pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Fragilaria capucina	1	live
Hannaea arcus	6	live
Hannaea arcus	3	
Meridion sp.	6	live
Meridion sp.	9	
Tabellaria sp.	8	live
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	dead
Naviculales		
Gomphonemaceae		
Gomphonema sp.	2	live
Gomphonema sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	6	dead
Melosira varians		live,outside grid
Indeterminate Organisms		
Indeterminate cells	9	live
Indeterminate cells	2	
Indeterminate filaments	3	live

DATE : April 12, 1984 09:51
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7624
CONVERSION FACTOR : 3.2/Liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Indeterminate	24	
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	live
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	dead
Ulothrix sp.	5	live
Ulothrix sp.	5	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Chromulinales		
Hydruraceae		
Hydrurus foetidus	1	live
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Large centric diatoms	1	
Pennate diatoms		
Indeterminate	17	dead
Indeterminate	43	live
Small pennate diatoms	52	
Large pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Asterionella formosa	8	live
Asterionella formosa		outside grid
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	2	live
Fragilaria crotonensis	1	
Hannaea arcus	1	dead
Hannaea arcus	2	live
Hannaea arcus	3	
Meridion sp.	5	live
Meridion circulare	7	
Naviculales		
Cymbellaceae		
Cymbella sp.	5	live
Surirellales		
Surirellaceae		
Surirella sp.	1	dead
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	live
Melosira varians		live,outside grid
Indeterminate Organisms		
Indeterminate cells	7	live
Indeterminate colonies	1	
Indeterminate filaments	1	dead
Indeterminate filaments	4	live

DATE : April 12, 1984 09:45
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7626

REMARKS : Warm, 10% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : April 12, 1984 09:51
LOCATION : Vermont Yankee Discharge
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7628

REMARKS : Warm, 10% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : April 27, 1984 08:45
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7635

REMARKS : Clear, 0% cloud cover

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	22	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Hannaea arcus	2	
Meridion sp.	4	
Synedra acus	1	
Naviculales		
Gomphonemaceae		
Gomphonema sp.	3	
Indeterminate Organisms		
Indeterminate filaments	43	

DATE : April 27, 1984 08:45
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7636

REMARKS : Clear, 0% cloud cover

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	46	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	
Synedra ulna	1	
Naviculales		
Cymbellaceae		
Cymbella sp.	2	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	2	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	6	
Cryptomonads lg.	2	
Indeterminate Organisms		
Indeterminate cells	14	
Indeterminate filaments	5	

DATE : April 27, 1984 09:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7637

REMARKS : Clear, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Aphanizomenon sp.	5	
Chlorophycophyta		
Chlorophyceae		
Volvocales		
Volvocaceae		
Pandorina morum	1	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Mallomonas sp.	1	
Synura sp.	1	
Synura sp.		outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	14	
Large pennate diatoms	4	
Fragilariales		
Fragilariaceae		
Asterionella formosa		outside grid
Fragilaria capucina	2	
Hannaea arcus	1	
Synedra acus	1	
Synedra ulna	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	4	
Indeterminate Organisms		
Indeterminate cells	1	
Indeterminate filaments	4	

DATE : April 27, 1984 09:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7638

REMARKS : Clear, 0% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	42	
Large pennate diatoms	8	
Fragilariales		
Fragilariaceae		
Hannaea arcus	3	
Tabellaria fenestrata	6	
Naviculales		
Cymbellaceae		
Cymbella sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Indeterminate Organisms		
Indeterminate cells	6	

DATE : May 8, 1984 08:26
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7656

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana		live,outside grid
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	dead
Pediastrum simplex		outside grid
Zygnematales		
Desmidiaceae		
Staurastrum sp.		live,outside grid
Oedogoniales		
Oedogoniaceae		
Oedogonium sp.	1	live
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	dead
Ulothrix sp.	3	live
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.		live,outside grid
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	live
Synuraceae		
Mallomonas sp.	1	
Synura sp.		live,outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	21	dead
Small pennate diatoms	50	live
Small pennate diatoms	51	
Large pennate diatoms	3	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	dead
Asterionella formosa	9	live
Asterionella formosa	2	
Fragilaria capucina	1	dead
Hannaea arcus	1	live
Meridion sp.		live,outside grid
Meridion circulare	2	
Synedra sp.		live,outside grid
Tabellaria fenestrata	8	live
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	10	live
Melosira italica	3	
Melosira varians		live,outside grid

(CONTINUED)

DATE : May 8, 1984 08:26
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7656

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate cells	2	live
Indeterminate cells	4	
Indeterminate colonies	1	
Indeterminate filaments	3	live

DATE : May 8, 1984 08:32
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7657

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana		live,outside grid
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.		live,outside grid
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum duplex	1	live
Pediastrum duplex var. rotundatum	1	
Pediastrum simplex	1	dead
Zygnematales		
Desmidiaceae		
Closterium sp.		live,outside grid
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	dead
Ulothrix sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	live
Dinobryon cylindricum	1	
Synuraceae		
Mallomonas sp.	1	
Synura sp.	1	live
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	9	dead
Small pennate diatoms	31	live
Small pennate diatoms	44	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	45	live
Asterionella formosa	10	
Fragilaria capucina	1	live
Fragilaria crotonensis	3	dead
Meridion sp.		live,outside grid
Synedra acus	1	live
Synedra acus	2	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	2	dead
Naviculales		
Gomphonemaceae		
Gomphonema sp.	1	live
Surirellales		
Surirellaceae		
Surirella sp.	1	dead
Surirella sp.	1	

(CONTINUED)

DATE : May 8, 1984 08:32
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7657

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	5	dead
Melosira italica	119	live
Melosira italica	13	
Melosira varians		live,outside grid
Indeterminate Organisms		
Indeterminate cells	1	live
Indeterminate cells	2	
Indeterminate filaments	1	live

DATE : May 8, 1984 08:32
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7658

REMARKS : Low 60's, 100% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : May 8, 1984 08:30
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7660

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana		live,outside grid
Nostocales		
Oscillatoriaceae		
Lyngbya sp.	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	dead
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	dead
Dinobryon sp.	3	live
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	5	dead
Small pennate diatoms	5	live
Small pennate diatoms	24	
Large pennate diatoms	5	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	dead
Asterionella formosa	63	live
Asterionella formosa	12	
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	1	
Hannaea arcus	1	dead
Hannaea arcus	1	
Meridion sp.	4	live
Meridion circulare	3	
Synedra acus	1	dead
Synedra acus	1	live
Tabellaria fenestrata	4	live
Tabellaria fenestrata	1	
Surirellales		
Surirellaceae		
Surirella sp.	1	dead
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	6	dead
Melosira italica	112	live
Melosira italica	14	
Indeterminate Organisms		
Indeterminate cells	2	
Indeterminate colonies	1	
Indeterminate filaments	2	

DATE : May 8, 1984 08:40
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7661

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana		live,outside grid
Nostocales		
Oscillatoriaceae		
Lyngbya sp.	1	live
Oscillatoria sp.	1	live
Oscillatoria sp.	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	2	live
Zygnematales		
Zygnemataceae		
Spirogyra sp.		live,outside grid
Desmidiaceae		
Micrasterias sp.		live,outside grid
Oedogoniales		
Oedogoniaceae		
Oedogonium sp.	1	live
Ulothricales		
Ulothricaceae		
Ulothrix sp.	1	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	2	live
Stigeoclonium sp.	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	3	live
Dinobryon cylindricum	7	
Chromulinales		
Hydruraceae		
Hydrurus foetidus		live,outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	2	dead
Small pennate diatoms	5	live
Small pennate diatoms	24	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	74	live
Asterionella formosa	17	
Fragilaria capucina	1	live
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	1	live
Fragilaria crotonensis	1	
Synedra acus	1	live
Synedra acus	5	
Tabellaria fenestrata	4	live
Tabellaria fenestrata	1	

(CONTINUED)

DATE : May 8, 1984 08:40
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7661

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	dead
Naviculales		
Cymbellaceae		
Cymbella sp.	1	
Surirellales		
Surirellaceae		
Surirella sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	36	dead
Melosira italica	160	live
Melosira italica	22	
Indeterminate Organisms		
Indeterminate colonies	1	

DATE : May 10, 1984 15:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7678

REMARKS : Windy, temp-50's, 60% cloud cover

Organism	Number	Remarks
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.		outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	18	
Fragilariales		
Fragilariaceae		
Asterionella formosa		outside grid
Fragilaria capucina	1	
Hannaea arcus	2	
Synedra acus		outside grid
Synedra ulna	1	
Naviculales		
Cymbellaceae		
Cymbella sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	
Indeterminate Organisms		
Indeterminate filaments	27	

DATE : May 10, 1984 15:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7679

REMARKS : Windy, temp-50's, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Micractinaceae		
Micractinium pusillum	1	
Scenedesmaceae		
Scenedesmus sp.	1	
Scenedesmus quadricauda	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Mallomonas sp.	1	
Synura sp.	1	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	4	
Pennate diatoms		
Small pennate diatoms	100	
Large pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Hannaea arcus	4	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	8	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Melosira italica		outside grid
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	28	
Cryptomonads lg.	5	
Indeterminate Organisms		
Indeterminate cells	51	
Indeterminate colonies	6	
Indeterminate flagellates	5	

DATE : May 10, 1984 17:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7680

REMARKS : Windy, temp-50's, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana		outside grid
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Ulothricales		
Ulothricaceae		
Ulothrix sp.		outside grid
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	32	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Naviculales		
Gomphonemaceae		
Gomphonema sp.	1	
Cymbellaceae		
Cymbella sp.	1	
Surirellales		
Surirellaceae		
Surirella sp.		outside grid
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	3	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	3	
Indeterminate Organisms		
Indeterminate filaments	58	

DATE : May 10, 1984 17:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7681

REMARKS : Windy, temp-50's, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus quadricauda	1	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.		outside grid
Synuraceae		
Mallomonas sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	74	
Large pennate diatoms	4	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Hannaea arcus	1	
Hannaea arcus		outside grid
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	
Naviculales		
Cymbellaceae		
Cymbella sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	12	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica		outside grid
Pyrrophycophyta		
Dinophyceae		
Indeterminate	2	
Indeterminate Organisms		
Indeterminate cells	14	
Indeterminate colonies	1	

DATE : June 12, 1984 08:55
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7891

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Indeterminate	1	
Oscillatoriaceae		
Oscillatoria sp.	2	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Dictyosphaeriaceae		
Dictyosphaerium pulchellum		outside grid
Scenedesmaceae		
Scenedesmus quadricauda	2	
Hydrodictyaceae		
Pediastrum boryanum		outside grid
Pediastrum simplex	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	5	dead
Dinobryon cylindricum	14	live
Dinobryon sertularia	2	live
Synuraceae		
Synura sp.		live,outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	2	dead
Indeterminate	6	live
Small pennate diatoms	8	
Large pennate diatoms	10	
Fragilariales		
Fragilariaceae		
Asterionella formosa	6	dead
Asterionella formosa	299	live
Asterionella formosa	107	
Fragilaria capucina	1	live
Fragilaria capucina	1	
Fragilaria crotonensis	2	dead
Fragilaria crotonensis	1	live
Fragilaria crotonensis	3	
Synedra acus	2	
Synedra ulna	5	live
Tabellaria fenestrata	1	dead
Tabellaria fenestrata	26	live
Tabellaria fenestrata	7	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	12	dead
Melosira italica	412	live
Melosira italica	71	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	1	dead
Indeterminate Organisms		
Indeterminate cells	1	live

(CONTINUED)

DATE : June 12, 1984 08:55
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7891

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate cells	3	
Indeterminate colonies	2	
Indeterminate filaments	2	live

DATE : June 12, 1984 09:00
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7892

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Indeterminate	5	
Oscillatoriaceae		
Lyngbya sp.	1	
Oscillatoria sp.	1	live
Oscillatoria sp.	17	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus quadricauda	1	
Zygnematales		
Zygnemataceae		
Mougeotia sp.		outside grid
Desmidiaceae		
Closterium sp.		live,outside grid
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	
Dinobryon cylindricum	2	dead
Dinobryon cylindricum	30	live
Dinobryon cylindricum	57	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	38	live
Small pennate diatoms	7	
Large pennate diatoms	11	
Fragilariales		
Fragilariaceae		
Asterionella formosa	6	dead
Asterionella formosa	210	live
Asterionella formosa	140	
Fragilaria capucina	1	dead
Fragilaria crotonensis	5	
Synedra acus	2	
Synedra ulna	2	
Tabellaria fenestrata	5	
Tabellaria flocculosa	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	5	dead
Melosira italica	297	live
Melosira italica	95	
Indeterminate Organisms		
Indeterminate cells	2	
Indeterminate colonies	4	
Indeterminate filaments	1	live
Indeterminate filaments	1	

DATE : June 12, 1984 09:00
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7893

REMARKS : Hot, 0% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : June 12, 1984 09:00
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7895

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Lyngbya sp.	1	live
Oscillatoria sp.	78	live
Oscillatoria sp.	6	
Oscillatoria limosa	236	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus quadricauda	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	2	dead
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	2	dead
Indeterminate	38	live
Small pennate diatoms	52	
Large pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	dead
Asterionella formosa	38	live
Asterionella formosa	9	
Fragilaria capucina	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	98	live
Melosira italica	2	
Indeterminate Organisms		
Indeterminate cells	1	live
Indeterminate cells	4	
Indeterminate colonies	1	

DATE : June 12, 1984 09:12
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7896

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	
Nostocales		
Indeterminate	2	
Oscillatoriaceae		
Lyngbya sp.	1	live
Lyngbya sp.	1	
Oscillatoria sp.	3	live
Oscillatoria sp.	28	
Phormidium sp.	13	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus sp.	1	live
Scenedesmus dimorphus	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	14	dead
Dinobryon cylindricum	5	live
Dinobryon cylindricum	1	
Synuraceae		
Mallomonas sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	3	dead
Indeterminate	43	live
Small pennate diatoms	81	
Large pennate diatoms	5	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	140	live
Asterionella formosa	34	
Fragilaria crotonensis	2	live
Fragilaria crotonensis	3	
Synedra acus	1	
Tabellaria fenestrata	28	live
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	3	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	dead
Melosira italica	134	live
Melosira italica	16	
Indeterminate Organisms		
Indeterminate cells	2	live
Indeterminate cells	2	
Indeterminate colonies	1	live
Indeterminate colonies	1	

DATE : June 21, 1984 11:55
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7997

REMARKS : Sunny, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana		outside grid
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	13	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	1	
Scenedesmaceae		
Crucigenia sp.	1	
Scenedesmus falcatus	1	
Scenedesmus quadricauda	2	
Zygnematales		
Desmidiaceae		
Closterium sp.	2	
Cosmarium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	
Dinobryon cylindricum	20	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	6	
Large pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Asterionella formosa	148	
Fragilaria capucina	2	
Fragilaria crotonensis	11	
Synedra acus	1	
Synedra ulna	13	
Tabellaria fenestrata	13	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	36	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	2	
Melosira italica	86	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	
Pyrrophycophyta		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium hirundinella	1	
Indeterminate Organisms		
Indeterminate cells	10	
Indeterminate colonies	2	

(CONTINUED)

DATE : June 21, 1984 11:55
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7997

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate filaments	2	

DATE : June 21, 1984 11:59
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7998

REMARKS : Sunny, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Schroederia sp.	1	
Oocystaceae		
Ankistrodesmus sp.	2	
Micractinaceae		
Micractinium pusillum	22	
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	1	
Scenedesmaceae		
Actinastrum sp.	1	
Coelastrum sp.	1	
Scenedesmus sp.	4	
Scenedesmus bijuga	1	
Scenedesmus dimorphus	4	
Scenedesmus quadricauda	8	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	2	
Dinobryon cylindricum	7	
Synuraceae		
Mallomonas sp.	6	
Mallomonas akrokomos	1	
Synura sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	12	
Pennate diatoms		
Small pennate diatoms	11	
Large pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Asterionella formosa	3	
Fragilaria crotonensis	1	
Synedra ulna	2	
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	85	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	6	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	87	
Cryptomonads lg.	120	
Indeterminate Organisms		
Indeterminate cells	109	

(CONTINUED)

DATE : June 21, 1984 11:59
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 7998

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate colonies	14	
Indeterminate flagellates	9	

DATE : June 21, 1984 12:24
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7999

REMARKS : Sunny, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana		outside grid
Microcystis aeruginosa		outside grid
Nostocales		
Nostocaceae		
Anabaena sp.	2	
Oscillatoriaceae		
Oscillatoria sp.	4	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	7	
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	
Desmidiaceae		
Closterium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	4	
Dinobryon cylindricum	25	
Synuraceae		
Mallomonas sp.	2	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	9	
Large pennate diatoms	27	
Fragilariales		
Fragilariaceae		
Asterionella formosa	47	
Fragilaria capucina	1	
Fragilaria crotonensis	2	
Hannaea arcus	1	
Synedra sp.	1	
Tabellaria fenestrata	8	
Tabellaria flocculosa	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	10	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	
Melosira italica	55	
Melosira italica		outside grid
Pyrrophycophyta		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium hirundinella	2	
Indeterminate Organisms		
Indeterminate cells	3	
Indeterminate colonies	1	

DATE : June 21, 1984 12:24
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8000

REMARKS : Sunny, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.		outside grid
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Ankistrodesmus sp.	3	
Micractinaceae		
Micractinium pusillum	13	
Scenedesmaceae		
Coelastrum sp.	1	
Scenedesmus sp.	2	
Scenedesmus dimorphus	3	
Scenedesmus falcatus	2	
Scenedesmus quadricauda	2	
Scenedesmus quadricauda var. westii	1	
Hydrodictyaceae		
Pediastrum duplex	1	
Zygnematales		
Desmidiaceae		
Closterium sp.	1	
Spondylosium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	
Dinobryon cylindricum	6	
Synuraceae		
Mallomonas sp.	4	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	22	
Pennate diatoms		
Small pennate diatoms	9	
Large pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	
Synedra ulna	3	
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	94	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	8	
Melosira varians		outside grid
Pyrrophycophyta		
Dinophyceae		
Indeterminate	3	

(CONTINUED)

DATE : June 21, 1984 12:24
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8000

Organism	Number	Remarks
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	257	
Cryptomonads lg.	107	
Indeterminate Organisms		
Indeterminate cells	122	
Indeterminate colonies	13	
Indeterminate filaments	4	
Indeterminate flagellates	3	

DATE : July 16, 1984 12:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8122

REMARKS : Hot & humid, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	1	
Scenedesmaceae		
Scenedesmus sp.	1	
Scenedesmus dimorphus	1	
Scenedesmus quadricauda	1	
Hydrodictyaceae		
Pediastrum simplex	8	
Zygnematales		
Zygnemataceae		
Mougeotia sp.		outside grid
Spirogyra sp.	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Synura uvella	2	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	3	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	39	
Fragilaria crotonensis	2	
Synedra ulna	2	
Tabellaria fenestrata	2	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	8	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	4	
Pyrrophycophyta		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium hirundinella	1	
Indeterminate Organisms		
Indeterminate cells	16	
Indeterminate colonies	2	

DATE : July 16, 1984 12:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8123

REMARKS : Hot & humid, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	2	
Chlorophycophyta		
Chlorophyceae		
Volvocales		
Volvocaceae		
Pandorina morum		outside grid
Chlorococcales		
Micractinaceae		
Micractinium pusillum	1	
Scenedesmaceae		
Crucigenia sp.	6	
Scenedesmus sp.	10	
Scenedesmus arcuatus	1	
Scenedesmus dimorphus	1	
Scenedesmus quadricauda	5	
Scenedesmus quadricauda var. westii	1	
Hydrodictyaceae		
Pediastrum tetras	1	
Zygnematales		
Desmidiaceae		
Staurastrum sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	3	
Synuraceae		
Mallomonas sp.	10	
Synura uvella	2	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	25	
Pennate diatoms		
Small pennate diatoms	27	
Large pennate diatoms	11	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	15	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	6	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	2	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	1	

(CONTINUED)

DATE : July 16, 1984 12:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8123

Organism	Number	Remarks
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	277	
Cryptomonads lg.	93	
Indeterminate Organisms		
Indeterminate cells	136	
Indeterminate colonies	8	

DATE : July 16, 1984 13:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8124

REMARKS : Hot & humid, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Palmellaceae		
Sphaerocystis schroeteri	1	
Scenedesmaceae		
Crucigenia sp.	2	
Hydrodictyaceae		
Pediastrum simplex	4	
Zygnematales		
Desmidiaceae		
Closterium sp.	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Mallomonas sp.	4	
Synura sp.	2	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	4	
Pennate diatoms		
Small pennate diatoms	6	
Large pennate diatoms	5	
Fragilariales		
Fragilariaceae		
Asterionella formosa	82	
Fragilaria capucina	1	
Fragilaria crotonensis	2	
Tabellaria fenestrata	32	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	14	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	16	
Melosira varians	2	
Indeterminate Organisms		
Indeterminate cells	11	
Indeterminate colonies	2	

DATE : July 16, 1984 13:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8125

REMARKS : Hot & humid, 60% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Ankistrodesmus sp.	7	
Micractinaceae		
Micractinium pusillum	5	
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	1	
Scenedesmaceae		
Scenedesmus bijuga	1	
Scenedesmus dimorphus	1	
Scenedesmus quadricauda	2	
Scenedesmus quadricauda var. westii	1	
Hydrodictyaceae		
Pediastrum tetras	1	
Zygnematales		
Desmidiaceae		
Closterium sp.		outside grid
Staurastrum sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon bavaricum	1	
Dinobryon cylindricum	2	
Synuraceae		
Mallomonas sp.	4	
Mallomonas akrokomos	2	
Synura uvella	3	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	33	
Pennate diatoms		
Small pennate diatoms	5	
Large pennate diatoms	5	
Fragilariales		
Fragilariaceae		
Asterionella formosa		outside grid
Tabellaria fenestrata	1	
Surirellales		
Surirellaceae		
Surirella sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	13	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	3	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	4	

(CONTINUED)

DATE : July 16, 1984 13:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8125

Organism	Number	Remarks
Pyrrophycophyta		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium hirundinella	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	226	
Cryptomonads lg.	167	
Indeterminate Organisms		
Indeterminate cells	114	
Indeterminate colonies	3	
Indeterminate flagellates	7	

DATE : August 15, 1984 10:02
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8236

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	10	live
Gomphosphaeria naegeliana	1	
Microcystis aeruginosa	3	live
Nostocales		
Nostocaceae		
Anabaena sp.	4	live
Anabaena spiroides	6	live
Anabaena spiroides	21	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Crucigenia tetrapedia	2	
Scenedesmus sp.	1	
Scenedesmus dimorphus	2	
Scenedesmus quadricauda	1	
Hydrodictyaceae		
Pediastrum boryanum	1	
Pediastrum simplex	1	dead
Pediastrum tetras	2	
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	live
Desmidiaceae		
Cosmarium sp.	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	live
Synuraceae		
Synura sp.	1	live
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	26	dead
Small pennate diatoms	62	live
Small pennate diatoms	324	
Large pennate diatoms	13	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	
Fragilaria capucina	2	
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	9	live
Fragilaria crotonensis	18	
Synedra ulna	2	
Tabellaria fenestrata	8	dead
Tabellaria fenestrata	34	live
Tabellaria fenestrata	3	
Naviculales		
Cymbellaceae		
Cymbella sp.	2	dead
Cymbella sp.	3	live

(CONTINUED)

DATE : August 15, 1984 10:02
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8236

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	live
Nitzschia sp.	6	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	22	live
Melosira italica	3	
Melosira varians		outside grid
Pyrrophycophyta		
Dinophyceae		
Indeterminate	1	
Indeterminate Organisms		
Indeterminate cells	1	live
Indeterminate cells	5	
Indeterminate colonies	3	
Indeterminate flagellates	3	live

DATE : August 15, 1984 10:11
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8237

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	
Microcystis aeruginosa	1	
Nostocales		
Nostocaceae		
Anabaena sp.	3	live
Anabaena spiroides	2	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Crucigenia sp.	3	
Scenedesmus sp.	1	
Scenedesmus dimorphus	1	
Scenedesmus quadricauda	1	
Hydrodictyaceae		
Pediastrum simplex	1	dead
Pediastrum simplex	2	
Pediastrum simplex var. duodenarium	1	
Pediastrum tetras	1	live
Zygnematales		
Desmidiaceae		
Closterium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	6	dead
Dinobryon cylindricum	1	live
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Large centric diatoms	1	
Pennate diatoms		
Indeterminate	5	dead
Indeterminate	22	live
Small pennate diatoms	8	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	8	live
Asterionella formosa	2	
Fragilaria capucina	2	live
Fragilaria capucina	1	
Fragilaria crotonensis	15	live
Fragilaria crotonensis	13	
Synedra acus	1	live
Synedra ulna		outside grid
Tabellaria fenestrata	1	dead
Tabellaria fenestrata	27	live
Tabellaria fenestrata	16	
Tabellaria flocculosa		outside grid
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	
Melosira italica	58	live

(CONTINUED)

DATE : August 15, 1984 10:11
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8237

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	21	
Indeterminate Organisms		
Indeterminate cells	1	live
Indeterminate cells	91	
Indeterminate colonies	6	

DATE : August 15, 1984 10:11
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8238

REMARKS : Hot & humid, 30% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : August 15, 1984 10:05
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8239

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Oscillatoria sp.	1	
Phormidium sp.	4	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Oocystis sp.	1	
Hydrodictyaceae		
Pediastrum simplex var. duodenarium	4	
Zygnematales		
Zygnemataceae		
Mougeotia sp.		outside grid
Desmidiaceae		
Closterium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	11	live
Dinobryon cylindricum	5	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	3	dead
Small pennate diatoms	3	live
Small pennate diatoms	3	
Fragilariales		
Fragilariaceae		
Asterionella formosa	24	live
Asterionella formosa	9	
Fragilaria capucina	2	live
Fragilaria capucina	1	
Fragilaria crotonensis	34	live
Fragilaria crotonensis	67	
Synedra acus	1	
Tabellaria fenestrata	23	live
Tabellaria fenestrata	8	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	live
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	7	dead
Melosira italica	174	live
Melosira italica	21	
Melosira varians	2	
Indeterminate Organisms		
Indeterminate cells	1	
Indeterminate filaments	1	

DATE : August 15, 1984
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8240

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	live
Oscillatoriaceae		
Phormidium sp.	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus dimorphus	1	
Hydrodictyaceae		
Pediastrum duplex	1	
Pediastrum simplex	1	live
Pediastrum simplex var. duodenarium	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	live
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	4	dead
Indeterminate	6	live
Small pennate diatoms	7	
Fragilariales		
Fragilariaceae		
Asterionella formosa	10	live
Asterionella formosa	6	
Fragilaria capucina	2	
Fragilaria crotonensis	34	live
Fragilaria crotonensis	51	
Tabellaria fenestrata	4	dead
Tabellaria fenestrata	4	live
Tabellaria fenestrata	9	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	
Melosira italica	19	dead
Melosira italica	64	live
Melosira italica	14	
Indeterminate Organisms		
Indeterminate cells	3	
Indeterminate colonies	1	

DATE : August 17, 1984 10:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8232

REMARKS : Clear & warm, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	2	
Oscillatoriaceae		
Oscillatoria sp.	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron minimum	3	
Oocystaceae		
Ankistrodesmus sp.	1	
Chodatella sp.	1	
Quadrigula sp.	1	
Treubaria triappendicularia	2	
Scenedesmaceae		
Coelastrum sp.	1	
Crucigenia sp.	3	
Crucigenia tetrapedia	12	
Scenedesmus sp.	6	
Scenedesmus arcuatus		outside grid
Scenedesmus quadricauda	4	
Hydrodictyaceae		
Pediastrum sp.	5	
Pediastrum duplex		outside grid
Pediastrum tetras	1	
Zygnematales		
Desmidiaceae		
Staurastrum sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	2	
Synuraceae		
Mallomonas sp.	3	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	55	
Large centric diatoms	7	
Pennate diatoms		
Small pennate diatoms	41	
Large pennate diatoms	19	
Fragilariales		
Fragilariaceae		
Fragilaria crotonensis	1	
Synedra sp.	1	
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	17	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	5	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	2	

(CONTINUED)

DATE : August 17, 1984 10:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8232

Organism	Number	Remarks
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	4	
Cryptomonads lg.	3	
Indeterminate Organisms		
Indeterminate cells	111	
Indeterminate colonies	30	

DATE : August 17, 1984 10:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8233

REMARKS : Clear & warm, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	12	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Crucigenia tetrapedia	1	
Hydrodictyaceae		
Pediastrum simplex var. duodenarium	3	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	3	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Fragilaria crotonensis	11	
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Indeterminate Organisms		
Indeterminate cells	8	

DATE : August 17, 1984 10:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8234

REMARKS : Clear & warm, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron sp.	1	
Tetraedron minimum	7	
Oocystaceae		
Ankistrodesmus falcatus	6	
Kirchneriella sp.	21	
Treubaria triappendicularia	8	
Micractinaceae		
Micractinium pusillum	31	
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	1	
Scenedesmaceae		
Coelastrum sp.	2	
Crucigenia sp.	4	
Crucigenia quadrata	9	
Crucigenia tetrapedia	36	
Scenedesmus sp.	19	
Scenedesmus arcuatus var. platydisca	6	
Scenedesmus bijuga	13	
Scenedesmus dimorphus	1	
Scenedesmus quadricauda	3	
Hydrodictyaceae		
Sorastrum sp.	1	
Pediastrum boryanum	1	
Pediastrum duplex var. coharens	1	
Pediastrum simplex	19	
Pediastrum tetras	1	
Zygnematales		
Desmidiaceae		
Staurastrum sp.	2	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	138	
Large centric diatoms	31	
Pennate diatoms		
Small pennate diatoms	83	
Large pennate diatoms	44	
Fragilariales		
Fragilariaceae		
Fragilaria crotonensis	3	
Synedra acus	1	
Tabellaria fenestrata	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	7	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	
Melosira italica	5	

(CONTINUED)

DATE : August 17, 1984 10:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8234

Organism	Number	Remarks
Pyrrophycophyta		
Dinophyceae		
Indeterminate	23	
Indeterminate Organisms		
Indeterminate cells	142	
Indeterminate colonies	35	
Indeterminate filaments	3	

DATE : August 17, 1984 10:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8235

REMARKS : Clear & warm, 0% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Lyngbya sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus bijuga	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Large centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	5	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	
Fragilaria crotonensis	1	
Tabellaria fenestrata	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	
Melosira italica	6	
Indeterminate Organisms		
Indeterminate cells	4	

DATE : September 13, 1984 09:45
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8304

REMARKS : Cool, 90% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	3	
Nostocales		
Oscillatoriaceae		
Phormidium sp.	5	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	13	
Pediastrum simplex var. duodenarium	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	7	
Pennate diatoms		
Small pennate diatoms	4	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	
Fragilaria capucina	1	
Fragilaria crotonensis	47	
Synedra ulna	1	
Tabellaria fenestrata	5	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Pyrrophycophyta		
Dinophyceae		
Peridiniales		
Ceratiaceae		
Ceratium hirundinella		outside grid
Indeterminate Organisms		
Indeterminate cells	17	
Indeterminate colonies	4	

DATE : September 13, 1984 09:45
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8305

REMARKS : Cool, 90% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Merismopedia sp.	1	
Nostocales		
Indeterminate	3	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron caudatum var. longispinum	1	
Tetraedron minimum	1	
Oocystaceae		
Chodatella ciliata	2	
Treubaria triappendicularia	4	
Micractinaceae		
Golenkinia sp.	3	
Micractinium pusillum	16	
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	3	
Scenedesmaceae		
Coelastrum sp.	2	
Crucigenia quadrata	10	
Crucigenia tetrapedia	5	
Scenedesmus sp.	3	
Scenedesmus bijuga	4	
Scenedesmus dimorphus	7	
Scenedesmus quadricauda	2	
Hydrodictyaceae		
Sorastrum sp.	1	
Pediastrum simplex	58	
Pediastrum tetras	1	
Coccomyxaceae		
Elakatothrix sp.	8	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	13	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	92	
Large centric diatoms	26	
Pennate diatoms		
Small pennate diatoms	22	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Tabellaria fenestrata	3	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	7	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	2	
Melosira italica	2	

(CONTINUED)

DATE : September 13, 1984 09:45
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8305

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	6	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	5	
Cryptomonads lg.	1	
Indeterminate Organisms		
Indeterminate cells	215	
Indeterminate colonies	30	
Indeterminate filaments	20	
Indeterminate flagellates	9	

DATE : September 13, 1984 09:40
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8306

REMARKS : Cool, 90% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Crucigenia quadrata	1	
Hydrodictyaceae		
Pediastrum simplex	13	
Pediastrum simplex var. duodenarium	12	
Coccomyxaceae		
Elakatothrix sp.	1	
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	3	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	3	
Pennate diatoms		
Small pennate diatoms	15	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Fragilaria capucina	1	
Fragilaria crotonensis	256	
Synedra ulna	1	
Tabellaria fenestrata	20	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	3	
Melosira italica	18	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	1	
Indeterminate Organisms		
Indeterminate cells	5	
Indeterminate colonies	4	
Indeterminate filaments	3	

DATE : September 13, 1984 09:40
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8307

REMARKS : Cool, 90% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Merismopedia sp.	2	
Nostocales		
Indeterminate	23	
Oscillatoriaceae		
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Volvocales		
Volvocaceae		
Pandorina morum	1	
Chlorococcales		
Chlorococcaceae		
Schroederia sp.	4	
Tetraedron caudatum var. longispinum	1	
Tetraedron minimum	6	
Oocystaceae		
Chodatella sp.	1	
Chodatella quadriseta	3	
Oocystis sp.	1	
Treubaria triappendicularia	4	
Micractinaceae		
Micractinium pusillum	27	
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	4	
Scenedesmaceae		
Coelastrum sp.	2	
Crucigenia quadrata	5	
Crucigenia tetrapedia	19	
Scenedesmus sp.	16	
Scenedesmus arcuatus	3	
Scenedesmus bijuga	3	
Scenedesmus dimorphus	6	
Scenedesmus quadricauda	9	
Tetradesmus sp.	1	
Hydrodictyaceae		
Pediastrum duplex	2	
Pediastrum duplex var. coharens	1	
Pediastrum simplex	45	
Pediastrum tetras	3	
Coccomyxaceae		
Elakatothrix sp.	2	
Zygnematales		
Desmidiaceae		
Spondylosium sp.		outside grid
Staurastrum sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	11	
Dinobryon sertularia	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	70	
Large centric diatoms	11	

(CONTINUED)

DATE : September 13, 1984 09:40
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8307

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	33	
Large pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Fragilaria crotonensis	1	
Synedra acus		outside grid
Tabellaria fenestrata	2	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	8	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	14	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	58	
Peridiniales		
Ceratiaceae		
Ceratium hirundinella	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	18	
Cryptomonads lg.	7	
Indeterminate Organisms		
Indeterminate cells	247	
Indeterminate colonies	39	
Indeterminate filaments	2	
Indeterminate flagellates	3	

DATE : October 18, 1984 11:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8376

REMARKS : Foggy, temp-50's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Pediastrum simplex var. duodenarium	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	10	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Fragilaria crotonensis	18	
Synedra ulna	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata		outside grid
Melosira italica	6	
Indeterminate Organisms		
Indeterminate filaments	1	

DATE : October 18, 1984 11:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8377

REMARKS : Foggy, temp-50's, 100% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Micractinaceae		
Micractinium pusillum	3	
Scenedesmaceae		
Crucigenia quadrata	1	
Crucigenia tetrapedia	6	
Scenedesmus sp.	5	
Hydrodictyaceae		
Pediastrum simplex	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	5	
Synuraceae		
Mallomonas sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	47	
Large centric diatoms	8	
Pennate diatoms		
Small pennate diatoms	25	
Large pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Fragilaria crotonensis	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	
Melosira italica	9	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	13	
Pyrrophycophyta		
Dinophyceae		
Indeterminate	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	77	
Cryptomonads lg.	49	
Indeterminate Organisms		
Indeterminate cells	388	
Indeterminate colonies	8	
Indeterminate filaments	1	
Indeterminate flagellates	34	

DATE : October 18, 1984 10:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8378

REMARKS : Foggy, temp-50's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	3	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	3	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Asterionella formosa	3	
Fragilaria capucina	3	
Fragilaria crotonensis	7	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	10	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	
Indeterminate Organisms		
Indeterminate cells	1	
Indeterminate colonies	1	

DATE : October 18, 1984 10:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8379

REMARKS : Foggy, temp-50's, 100% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron caudatum var. longispinum	1	
Oocystaceae		
Ankistrodesmus falcatus	9	
Kirchneriella obesa var. major	5	
Micractinaceae		
Micractinium pusillum	4	
Scenedesmaceae		
Crucigenia tetrapedia	2	
Hydrodictyaceae		
Pediastrum simplex	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	7	
Synuraceae		
Mallomonas sp.	4	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	89	
Large centric diatoms	4	
Pennate diatoms		
Small pennate diatoms	17	
Large pennate diatoms	6	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	4	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	4	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	441	
Cryptomonads lg.	30	
Indeterminate Organisms		
Indeterminate cells	504	
Indeterminate colonies	7	
Indeterminate filaments	1	
Indeterminate flagellates	1	

DATE : October 23, 1984 09:30
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8385

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria splendida	1	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum boryanum	1	
Pediastrum simplex	2	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	live
Spirogyra sp.	1	live
Desmidiaceae		
Desmidium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Ochromonadaceae		
Uroglena sp.	1	live
Dinobryaceae		
Dinobryon cylindricum	2	dead
Dinobryon cylindricum	6	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Indeterminate	4	live
Pennate diatoms		
Indeterminate	1	dead
Indeterminate	3	live
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	146	live
Asterionella formosa	22	
Fragilaria capucina	6	
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	12	live
Fragilaria crotonensis	28	
Synedra ulna	2	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	live
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	13	dead
Melosira granulata	10	live
Melosira italica	29	dead
Melosira italica	609	live
Melosira italica	96	
Melosira varians		outside grid
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	4	live
Indeterminate Organisms		
Indeterminate colonies	1	
Indeterminate filaments	1	

DATE : October 23, 1984 09:30
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8386

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : October 23, 1984
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8387

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	2	
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	live
Phormidium sp.	7	live
Phormidium sp.	6	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	3	live
Pediastrum simplex var. duodenarium	2	
Pediastrum tetras	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Mallomonas sp.	1	dead
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Indeterminate	1	live
Pennate diatoms		
Indeterminate	2	dead
Indeterminate	2	live
Small pennate diatoms	1	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Asterionella formosa	4	dead
Asterionella formosa	74	live
Asterionella formosa	6	
Fragilaria capucina	1	live
Fragilaria crotonensis	2	dead
Fragilaria crotonensis	11	live
Fragilaria crotonensis	28	
Synedra ulna	1	dead
Tabellaria fenestrata	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	10	live
Melosira italica	11	dead
Melosira italica	193	live
Melosira italica	29	
Melosira varians	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	live
Indeterminate Organisms		
Indeterminate cells	2	
Indeterminate colonies	1	live
Indeterminate colonies	1	

DATE : October 23, 1984
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8388

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Phormidium sp.	10	live
Phormidium sp.	21	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Micractinaceae		
Micractinium pusillum	1	live
Hydrodictyaceae		
Pediastrum simplex	1	dead
Pediastrum simplex	3	live
Pediastrum simplex	1	
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Indeterminate	1	dead
Indeterminate	2	live
Pennate diatoms		
Indeterminate	2	dead
Indeterminate	5	live
Small pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	44	live
Asterionella formosa	3	
Fragilaria capucina	2	live
Fragilaria capucina	1	
Fragilaria crotonensis	13	live
Fragilaria crotonensis	22	
Tabellaria fenestrata	4	dead
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	100	live
Melosira italica	9	
Melosira varians	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	4	live
Indeterminate Organisms		
Indeterminate cells	2	live
Indeterminate cells	2	
Indeterminate colonies	6	
Indeterminate filaments	1	

DATE : October 23, 1984 09:23
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8389

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana		outside grid
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Micractinaceae		
Micractinium pusillum	1	live
Dictyosphaeriaceae		
Dictyosphaerium pulchellum	1	live
Hydrodictyaceae		
Pediastrum duplex	1	live
Pediastrum simplex	1	dead
Pediastrum simplex	1	live
Pediastrum simplex	2	
Pediastrum simplex var. duodenarium	1	
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	live
Spirogyra sp.	1	
Desmidiaceae		
Spondylosium sp.	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	dead
Dinobryon cylindricum	5	live
Synuraceae		
Synura sp.	1	dead
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	live
Pennate diatoms		
Small pennate diatoms	5	live
Small pennate diatoms	10	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	121	live
Asterionella formosa	23	
Fragilaria capucina	1	live
Fragilaria capucina	4	
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	12	live
Fragilaria crotonensis	28	
Naviculales		
Cymbellaceae		
Cymbella sp.	3	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	3	live
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	1	dead

(CONTINUED)

DATE : October 23, 1984 09:23
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8389

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	29	live
Melosira granulata	4	
Melosira italica	10	dead
Melosira italica	742	live
Melosira italica	79	
Melosira varians	2	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	dead
Rhizosolenia sp.	5	live
Rhizosolenia sp.	4	
Indeterminate Organisms		
Indeterminate cells	3	
Indeterminate colonies	5	live
Indeterminate colonies	2	

DATE : November 15, 1984 10:20
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8416

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	live
Gomphosphaeria naegeliana	4	
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	8	live
Oscillatoria sp.	2	
Oscillatoria splendida	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus sp.	1	
Scenedesmus dimorphus	2	
Hydrodictyaceae		
Pediastrum simplex	1	dead
Zygnematales		
Zygnemataceae		
Mougeotia sp.	1	live
Spirogyra sp.	1	live
Spirogyra sp.	1	
Chaetophorales		
Chaetophoraceae		
Stigeoclonium sp.	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	9	dead
Dinobryon cylindricum	3	live
Dinobryon cylindricum	6	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	11	dead
Small pennate diatoms	2	live
Small pennate diatoms	5	
Large pennate diatoms	2	live
Large pennate diatoms	5	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	dead
Asterionella formosa	66	live
Asterionella formosa	12	
Diatoma sp.	4	
Diatoma vulgare	1	dead
Diatoma vulgare	6	live
Fragilaria capucina	4	live
Fragilaria capucina	6	
Fragilaria crotonensis	2	live
Fragilaria crotonensis	7	
Synedra ulna	1	live
Synedra ulna	2	

(CONTINUED)

DATE : November 15, 1984 10:20
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8416

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Naviculales		
Cymbellaceae		
Cymbella sp.	2	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	7	dead
Melosira granulata	7	live
Melosira italica	87	dead
Melosira italica	441	live
Melosira italica	18	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	2	live
Rhizosolenia sp.	3	
Indeterminate Organisms		
Indeterminate cells	1	live
Indeterminate cells	6	
Indeterminate filaments	3	live
Indeterminate filaments	3	

DATE : November 15, 1984 10:25
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8417

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	live
Microcystis aeruginosa	1	live
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	live
Oscillatoria sp.	3	
Oscillatoria splendida	3	live
Oscillatoria splendida	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus quadricauda	1	live
Zygnematales		
Zygnemataceae		
Mougeotia sp.	2	
Spirogyra sp.	1	live
Spirogyra sp.	4	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	4	dead
Dinobryon cylindricum	2	live
Dinobryon cylindricum	5	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	12	dead
Small pennate diatoms	7	live
Small pennate diatoms	1	
Large pennate diatoms	4	live
Large pennate diatoms	3	
Fragilariales		
Fragilariaceae		
Asterionella formosa	8	dead
Asterionella formosa	81	live
Asterionella formosa	8	
Diatoma vulgare	1	dead
Diatoma vulgare	30	live
Fragilaria capucina	1	live
Fragilaria capucina	2	
Fragilaria crotonensis	1	live
Fragilaria crotonensis	3	
Synedra ulna	1	dead
Synedra ulna	4	live
Synedra ulna	5	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	dead
Cocconeis sp.	1	live
Surirellales		
Surirellaceae		
Surirella sp.	1	dead

(CONTINUED)

DATE : November 15, 1984 10:25
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8417

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	7	dead
Melosira italica	165	live
Melosira italica	17	
Melosira varians	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	2	dead
Rhizosolenia sp.	3	live
Indeterminate Organisms		
Indeterminate cells	4	live
Indeterminate cells	12	
Indeterminate filaments	1	dead
Indeterminate filaments	3	live
Indeterminate filaments	2	

DATE : November 15, 1984 10:25
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8418

REMARKS : Temp-30's, 100% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : November 15, 1984 10:23
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8419

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	3	live
Oscillatoria sp.	1	
Oscillatoria splendida	1	live
Oscillatoria limosa	5	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	4	live
Pediastrum simplex	1	
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	dead
Dinobryon cylindricum	5	
Synuraceae		
Mallomonas sp.	1	dead
Synura sp.	1	dead
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	7	dead
Small pennate diatoms	5	live
Small pennate diatoms	2	
Large pennate diatoms	1	dead
Fragilariales		
Fragilariaceae		
Asterionella formosa	90	live
Asterionella formosa	18	
Diatoma sp.	1	
Diatoma vulgare	4	live
Fragilaria capucina	7	live
Fragilaria capucina	7	
Fragilaria crotonensis	2	dead
Fragilaria crotonensis	6	live
Fragilaria crotonensis	3	
Synedra ulna	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira granulata	10	dead
Melosira italica	6	dead
Melosira italica	255	live
Melosira italica	16	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	6	live
Rhizosolenia sp.	1	
Indeterminate Organisms		
Indeterminate cells	4	live
Indeterminate cells	5	
Indeterminate colonies	1	
Indeterminate filaments	2	

DATE : November 15, 1984 10:29
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8420

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococcaceae		
Gomphosphaeria naegeliana	1	
Nostocales		
Oscillatoriaceae		
Lyngbya sp.		live,outside grid
Oscillatoria sp.	2	
Oscillatoria splendida	1	live
Rivulariaceae		
Calothrix sp.	1	live
Calothrix sp.	3	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Dictyosphaeriaceae		
Dictyosphaerium pulchellum		live,outside grid
Hydrodictyaceae		
Pediastrum simplex	1	live
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	dead
Dinobryon cylindricum	3	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	10	dead
Small pennate diatoms	5	live
Small pennate diatoms	6	
Large pennate diatoms	2	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	16	live
Asterionella formosa	4	
Diatoma sp.	2	dead
Diatoma sp.	1	live
Diatoma sp.	1	
Fragilaria capucina	5	live
Fragilaria capucina	9	
Fragilaria crotonensis	1	dead
Fragilaria crotonensis	1	live
Fragilaria crotonensis	2	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	3	dead
Melosira italica	124	live
Melosira italica	4	
Melosira varians	1	dead
Melosira varians	24	live
Melosira varians		outside grid

(CONTINUED)

DATE : November 15, 1984 10:29
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8420

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	6	live
Rhizosolenia sp.	4	
Indeterminate Organisms		
Indeterminate cells	4	live
Indeterminate cells	8	
Indeterminate colonies	1	live
Indeterminate colonies	2	

DATE : November 16, 1984 09:25
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8422

REMARKS : Temp-30's, 40% cloud cover

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Zygnematales.		
Zygnemataceae		
Spirogyra sp.	1	
Desmidiaceae		
Closterium sp.		outside grid
Staurastrum sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	5	
Large pennate diatoms	6	
Fragilariales		
Fragilariaceae		
Fragilaria capucina	8	
Fragilaria crotonensis	4	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia eriensis	1	
Indeterminate Organisms		
Indeterminate cells	8	

DATE : November 16, 1984 09:25
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8423

REMARKS : Temp-30's, 40% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Nostocaceae		
Anabaena sp.	1	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Kirchneriella sp.	4	
Scenedesmaceae		
Crucigenia tetrapedia	2	
Scenedesmus sp.	3	
Scenedesmus dimorphus	1	
Scenedesmus quadricauda	1	
Hydrodictyaceae		
Pediastrum simplex	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon sp.	1	
Synuraceae		
Mallomonas sp.	1	
Prymnesiophyceae		
Isochrysidales		
Derepyxidaceae		
Cladomonas fruticulosa	2	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	7	
Large centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	107	
Large pennate diatoms	8	
Fragilariales		
Fragilariaceae		
Diatoma sp.	6	
Fragilaria crotonensis	1	
Synedra ulna	1	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	4	
Naviculales		
Cymbellaceae		
Cymbella sp.	6	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	2	

(CONTINUED)

DATE : November 16, 1984 09:25
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8423

Organism	Number	Remarks
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	319	
Cryptomonads lg.	24	
Indeterminate Organisms		
Indeterminate cells	109	
Indeterminate colonies	2	
Indeterminate flagellates	2	

DATE : November 16, 1984 10:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8424

REMARKS : Temp-30's, 40% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Pediastrum simplex var. duodenarium	2	
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	
Desmidiaceae		
Cosmarium sp.	1	
Spondylosium sp.		outside grid
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	5	
Large pennate diatoms	6	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Diatoma sp.	2	
Fragilaria capucina	1	
Fragilaria crotonensis	1	
Synedra acus	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	4	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	
Indeterminate Organisms		
Indeterminate cells	1	

DATE : November 16, 1984 10:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8425

REMARKS : Temp-30's, 40% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	3	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Chlorococcaceae		
Tetraedron minimum	1	
Micractinaceae		
Micractinium pusillum	1	
Scenedesmaceae		
Crucigenia quadrata	5	
Crucigenia tetrapedia	3	
Scenedesmus sp.	6	
Scenedesmus quadricauda	11	
Scenedesmus quadricauda var. westii	1	
Hydrodictyaceae		
Pediastrum boryanum	1	
Pediastrum duplex	1	
Pediastrum simplex	3	
Pediastrum tetras	1	
Coccomyxaceae		
Elakatothrix sp.	4	
Zygnematales		
Desmidiaceae		
Cosmarium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum	1	
Synuraceae		
Mallomonas sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	86	
Large centric diatoms	3	
Pennate diatoms		
Small pennate diatoms	216	
Large pennate diatoms	19	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Diatoma vulgare	26	
Fragilaria capucina	2	
Synedra acus	1	
Synedra ulna	1	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	4	
Naviculales		
Cymbellaceae		
Cymbella sp.	6	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	

(CONTINUED)

DATE : November 16, 1984 10:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8425

Organism	Number	Remarks
Bacillariophycophyta		
Bacillariophyceae		
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	12	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	12	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	5	
Indeterminate Organisms		
Indeterminate cells	93	
Indeterminate colonies	5	
Indeterminate filaments	5	
Indeterminate flagellates	2	

DATE : December 13, 1984 09:50
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8429

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	
Nostocales		
Indeterminate	8	live
Oscillatoriaceae		
Oscillatoria sp.	1	live
Oscillatoria sp.	3	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Pediastrum tetras	1	live
Zygnematales		
Zygnemataceae		
Spirogyra sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Synura sp.	1	dead
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	15	dead
Indeterminate	12	live
Small pennate diatoms	46	
Large pennate diatoms	4	
Fragilariales		
Fragilariaceae		
Asterionella formosa	28	live
Asterionella formosa	7	
Diatoma sp.	2	
Diatoma vulgare	1	dead
Fragilaria capucina	21	live
Fragilaria capucina	27	
Fragilaria crotonensis	1	live
Fragilaria crotonensis	2	
Synedra ulna	1	dead
Synedra ulna	2	live
Synedra ulna	4	
Naviculales		
Cymbellaceae		
Cymbella sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	dead
Melosira italica	18	live
Melosira italica	5	
Melosira varians	141	live
Melosira varians	1	
Indeterminate Organisms		
Indeterminate cells	1	dead
Indeterminate cells	8	
Indeterminate colonies	1	
Indeterminate filaments	14	

DATE : December 13, 1984 09:56
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8430

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Chroococcales		
Chroococaceae		
Gomphosphaeria naegeliana	1	live
Nostocales		
Indeterminate	4	live
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus quadricauda	2	
Hydrodictyaceae		
Pediastrum simplex	1	
Pediastrum simplex var. duodenarium	1	
Zygnematales		
Zygnemataceae		
Spirogyra sp.	2	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon bavaricum		outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	5	dead
Indeterminate	11	live
Small pennate diatoms	29	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	dead
Asterionella formosa	51	live
Asterionella formosa	7	
Diatoma sp.	4	
Fragilaria capucina	14	live
Fragilaria capucina	24	
Fragilaria crotonensis	2	live
Fragilaria crotonensis	2	
Synedra ulna	3	
Tabellaria flocculosa	17	live
Naviculales		
Gomphonemaceae		
Gomphonema sp.	1	
Cymbellaceae		
Cymbella sp.	1	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	13	dead
Melosira italica	26	live
Melosira italica	1	
Melosira varians	11	live
Melosira varians	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	

(CONTINUED)

DATE : December 13, 1984 09:56
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8430

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate cells	2	
Indeterminate colonies	4	
Indeterminate filaments	1	dead
Indeterminate filaments	3	live
Indeterminate filaments	8	

DATE : December 13, 1984 09:56
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8431

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : December 13, 1984 09:55
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8432

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	8	live
Oscillatoria sp.	7	
Phormidium sp.	163	live
Rivulariaceae		
Calothrix sp.	301	
Chlorophycophyta		
Chlorophyceae		
Zygnematales		
Zygnemataceae		
Spirogyra sp.		live,outside grid
Spirogyra sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	8	dead
Indeterminate	6	live
Small pennate diatoms	9	
Large pennate diatoms	4	
Fragilariales		
Fragilariaceae		
Asterionella formosa	45	live
Asterionella formosa	9	
Diatoma sp.	8	
Diatoma vulgare	6	live
Fragilaria capucina	10	live
Fragilaria capucina	36	
Fragilaria crotonensis	1	
Synedra acus		outside grid
Synedra ulna	3	live
Synedra ulna	3	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	5	dead
Melosira italica	10	live
Melosira italica	3	
Melosira varians	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	live
Indeterminate Organisms		
Indeterminate cells	18	
Indeterminate colonies	2	live
Indeterminate colonies	12	
Indeterminate filaments	4	live
Indeterminate filaments	4	

DATE : December 13, 1984 10:10
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8433

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Indeterminate	6	live
Oscillatoriaceae		
Lyngbya sp.	2	live
Oscillatoria sp.	1	live
Oscillatoria sp.	1	
Phormidium sp.	27	live
Rivulariaceae		
Calothrix sp.	125	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Oocystaceae		
Oocystis sp.	1	
Scenedesmaceae		
Scenedesmus quadricauda	1	live
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon cylindricum		live,outside grid
Synuraceae		
Synura sp.	1	dead
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Indeterminate	9	dead
Indeterminate	12	live
Small pennate diatoms	12	
Large pennate diatoms	4	
Fragilariales		
Fragilariaceae		
Asterionella formosa	2	dead
Asterionella formosa	21	live
Asterionella formosa	8	
Diatoma vulgare	1	dead
Diatoma vulgare	18	live
Fragilaria capucina	13	live
Fragilaria capucina	22	
Fragilaria crotonensis	4	dead
Fragilaria crotonensis	1	
Synedra ulna	1	
Tabellaria fenestrata	4	live
Tabellaria flocculosa	1	
Naviculales		
Cymbellaceae		
Cymbella sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	3	dead
Melosira italica	26	live
Melosira italica	1	
Melosira varians	2	
Indeterminate Organisms		
Indeterminate cells	1	
Indeterminate colonies	1	live
Indeterminate colonies	2	
Indeterminate filaments	2	

DATE : December 13, 1984 14:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8434

REMARKS : Clear, high clouds

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Phormidium sp.	24	
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	9	
Fragilariales		
Fragilariaceae		
Fragilaria capucina	7	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Indeterminate Organisms		
Indeterminate cells	4	

DATE : December 13, 1984 14:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8435

REMARKS : Clear, high clouds

Organism	Number	Remarks
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Scenedesmaceae		
Scenedesmus sp.	3	
Scenedesmus quadricauda	2	
Hydrodictyaceae		
Pediastrum simplex	1	
Zygnematales		
Desmidiaceae		
Closterium sp.	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Dinobryaceae		
Dinobryon bavaricum	1	
Dinobryon cylindricum	1	
Synuraceae		
Mallomonas sp.	4	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	8	
Large centric diatoms	1	
Pennate diatoms		
Small pennate diatoms	92	
Large pennate diatoms	11	
Fragilariales		
Fragilariaceae		
Diatoma sp.	8	
Fragilaria capucina	2	
Fragilaria crotonensis	1	
Hannaea arcus	1	
Synedra ulna	8	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	2	
Naviculales		
Cymbellaceae		
Cymbella sp.	6	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	2	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	1	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	68	
Cryptomonads lg.	7	
Indeterminate Organisms		
Indeterminate cells	63	
Indeterminate colonies	2	

DATE : December 13, 1984 12:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8436

REMARKS : Clear, light haze

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	1	
Phormidium sp.	16	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Hydrodictyaceae		
Pediastrum simplex	1	
Zygnematales		
Zygnemataceae		
Spirogyra sp.		outside grid
Bacillariophycophyta		
Bacillariophyceae		
Pennate diatoms		
Small pennate diatoms	2	
Large pennate diatoms	1	
Fragilariales		
Fragilariaceae		
Fragilaria capucina	8	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira varians	1	
Indeterminate Organisms		
Indeterminate colonies	2	
Indeterminate filaments	50	

DATE : December 13, 1984 12:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8437

REMARKS : Clear, light haze

Organism	Number	Remarks
Cyanochloronta		
Cyanophyceae		
Nostocales		
Oscillatoriaceae		
Oscillatoria sp.	2	
Chlorophycophyta		
Chlorophyceae		
Chlorococcales		
Micractinaceae		
Micractinium pusillum	1	
Scenedesmaceae		
Crucigenia tetrapedia	2	
Scenedesmus sp.	3	
Scenedesmus quadricauda	3	
Hydrodictyaceae		
Pediastrum simplex	1	
Chrysophycophyta		
Chrysophyceae		
Ochromonadales		
Synuraceae		
Mallomonas sp.	1	
Bacillariophycophyta		
Bacillariophyceae		
Centric diatoms		
Small centric diatoms	4	
Large centric diatoms	2	
Pennate diatoms		
Small pennate diatoms	120	
Large pennate diatoms	12	
Fragilariales		
Fragilariaceae		
Asterionella formosa	1	
Diatoma vulgare	8	
Fragilaria capucina	1	
Fragilaria crotonensis	3	
Hannaea arcus	1	
Achnanthales		
Achnanthaceae		
Cocconeis sp.	1	
Naviculales		
Cymbellaceae		
Cymbella sp.	5	
Nitzschiales		
Nitzschiaceae		
Nitzschia sp.	1	
Coscinodiscales		
Coscinodiscaceae		
Melosira italica	2	
Rhizosoleniales		
Rhizosoleniaceae		
Rhizosolenia sp.	1	
Cryptophycophyta		
Cryptophyceae		
Cryptomonadales		
Cryptomonadaceae		
Cryptomonads sm.	99	
Cryptomonads lg.	6	
Indeterminate Organisms		
Indeterminate cells	106	
Indeterminate colonies	1	

(CONTINUED)

DATE : December 13, 1984 12:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Whole water by monitor pump, 0.25 Liters
SAMPLE : 8437

Organism	Number	Remarks
Indeterminate Organisms		
Indeterminate flagellates	3	

Appendix C

Zooplankton

Notes

The conversion factor is used to convert counts of preserved organisms to number of organisms per liter. The remarks "live" and "dead" describe the condition of organisms in unpreserved entrainment samples only; these remarks are not associated with preserved samples.

Organisms obviously dead in preserved samples at the time of collection were not counted. The remark "outside grid" indicates that the organism was outside the continuing field and not included in the total.

DATE : January 9, 1984 14:45
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7579
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	3	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	3	
Brachionidae		
Keratella cochlearis	1	live

DATE : January 9, 1984 14:55
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7580
CONVERSION
FACTOR : 0.5/liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	live
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	4	
ROTATORIA		
Indeterminate	2	dead
Indeterminate	1	live
Indeterminate	2	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra vulgaris	1	
Polyarthra dolichoptera	1	
Brachionidae		
Kellicottia bostoniensis	1	live
Keratella cochlearis	1	live
Keratella cochlearis	2	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	

DATE : January 9, 1984 14:45
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7581
CONVERSION
FACTOR : 0.2/liter

REMARKS : Clear, 20% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	
ROTATORIA		
Indeterminate	3	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	live
Brachionidae		
Keratella cochlearis	3	
Notholca sp.	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda adult	2	

DATE : January 9, 1984 14:51
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7582
CONVERSION
FACTOR : 0.5/liter

REMARKS : Clear, 20% cloud cover

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

DATE : January 10, 1984 09:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7583
CONVERSION
FACTOR : 0.5/liter

REMARKS : Heavy snow, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	13	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	22	
ROTATORIA		
Indeterminate	14	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	5	
ANNELIDA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	

DATE : January 10, 1984 08:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7585
CONVERSION FACTOR : 0.3/liter

REMARKS : Heavy snow, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	5	
ROTATORIA		
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Ploima		
Brachionidae		
Keratella cochlearis	3	
ANNELIDA		
Indeterminate	2	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	
Copepoda adult	1	

DATE : February 8, 1984 10:32
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7593
CONVERSION FACTOR : 0.4/liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	dead
Indeterminate	2	
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	4	dead
Indeterminate	2	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Brachionidae		
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	live

DATE : February 8, 1984 10:44
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7594
CONVERSION FACTOR : 0.4/liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	
Suctoria		
Suctorida		
Indeterminate	4	
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	3	dead
Indeterminate	1	live
Indeterminate	4	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Synchaeta sp.	2	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	1	
Eucopepoda		
Copepoda nauplii	1	live

DATE : February 8, 1984 10:30
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7595
CONVERSION
FACTOR : 0.2/liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
Indeterminate	1	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	1	dead
Indeterminate	2	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	live
Synchaeta sp.	2	
Brachionidae		
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda adult	1	live

DATE : February 8, 1984 10:36
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7596
CONVERSION
FACTOR : 0.2/liter

REMARKS : Teens, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	5	
ROTATORIA		
Indeterminate	1	dead
Indeterminate	1	
Monogononta		
Ploima		
Brachionidae		
Keratella cochlearis	2	dead
Keratella cochlearis	1	live
Keratella cochlearis	3	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	1	dead

DATE : February 15, 1984 14:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7597
CONVERSION FACTOR : 0.3/liter

REMARKS : Rain, overcast

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	22	
Epistylidae		
Epistylis sp.	89	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	4	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	2	
Monogononta		
Ploima		
Brachionidae		
Kellicottia bostoniensis	1	
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	

DATE : February 15, 1984 15:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7599
CONVERSION
FACTOR : 0.5/liter

REMARKS : Rain, overcast

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	1	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	2	
Monogononta		
Ploima		
Brachionidae		
Keratella cochlearis	1	
ANNELIDA		
Oligochaeta		
Indeterminate	1	

DATE : March 13, 1984 08:40
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7609
CONVERSION
FACTOR : 0.2/liter

REMARKS : Snow, temp-20's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	dead
Indeterminate	1	live
Indeterminate	3	
NEMATODA		
Indeterminate	1	dead

DATE : March 13, 1984 08:51
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7610
CONVERSION
FACTOR : 0.2/liter

REMARKS : Snow, temp-20's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	
ROTATORIA		
Indeterminate	1	live

DATE : March 13, 1984 08:42
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7611
CONVERSION
FACTOR : 0.4/liter

REMARKS : Snow, temp-20's, 100% cloud cover

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

DATE : March 13, 1984 08:49
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7612
CONVERSION
FACTOR : 0.4/liter

REMARKS : Snow, temp-20's, 100% cloud cover

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

DATE : March 13, 1984 12:20
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7613
CONVERSION
FACTOR : 0.5/liter

REMARKS : Snow, 100% cloud cover

Organism	Number	Remarks
ROTATORIA		
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	4	
Monogononta		
Ploima		
Brachionidae		
Kellicottia longispina	1	
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	

DATE : March 13, 1984 11:40
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7615
CONVERSION FACTOR : 0.5/liter

REMARKS : Snow, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	24	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	13	
ROTATORIA		
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	

DATE : April 12, 1984 09:40
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7621
CONVERSION FACTOR : 0.4/liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Sarcodina		
Heliozoida		
Acanthocystidae		
Acanthocystis sp.	1	live
ROTATORIA		
Indeterminate	1	dead
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	dead
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	live
Brachionidae		
Brachionus sp.	1	
Kellicottia longispina	1	
Keratella cochlearis	2	live
Keratella hiemalis	1	
ANNELIDA		
Indeterminate	1	

DATE : April 12, 1984 09:45
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7622
CONVERSION FACTOR : 0.4/liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
Suctoria		
Suctorida		
Indeterminate	2	dead
ROTATORIA		
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Ploima		
Brachionidae		
Kellicottia bostoniensis	1	
Kellicottia longispina	2	dead
Kellicottia longispina	1	
Keratella cochlearis	1	
Keratella quadrata	1	dead
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda adult	1	

DATE : April 12, 1984 09:43
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7623
CONVERSION FACTOR : 0.4/liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
PROTOZOA		
Ciliata		
Peritrichida		
Vorticellidae		
Zoothamnium sp.	5	live
NEMATODA		
Indeterminate	1	live
ROTATORIA		
Indeterminate	1	dead
Monogononta		
Ploima		
Brachionidae		
Kellicottia longispina	2	dead
Keratella sp.	1	
Keratella quadrata	1	dead
TARDIGRADA		
Indeterminate	1	dead
ANNELIDA		
Indeterminate	1	live
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	2	
Eucopepoda		
Copepoda nauplii	3	
Copepoda adult	1	live

DATE : April 12, 1984 09:51
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7624
CONVERSION FACTOR : 0.4/liter

REMARKS : Warm, 10% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	live
Indeterminate	1	
Ciliata		
Gymnostomatida		
Didiniidae		
Didinium sp.	1	
Suctoria		
Suctorida		
Indeterminate	2	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	3	dead
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	2	dead
Monogononta		
Floscularlacea		
Testudinellidae		
Filinia sp.	1	dead
Ploima		
Synchaetidae		
Synchaeta sp.	2	dead
Brachionidae		
Kellicottia longispina	1	
Keratella quadrata	1	dead
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	2	live
Copepoda adult	1	live

DATE : April 12, 1984 09:45
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7626

REMARKS : Warm, 10% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : April 12, 1984 09:51
LOCATION : Vermont Yankee Discharge
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7628

REMARKS : Warm, 10% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : April 27, 1984 08:45
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7635
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
ROTATORIA		
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	2	

DATE : April 27, 1984 09:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7637
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
Suctoria		
Suctorida		
Indeterminate	1	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	4	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	7	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	
Brachionidae		
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda adult	1	

DATE : May 8, 1984 08:26
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7656
CONVERSION FACTOR : 0.4/liter

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	8	dead
NEMATODA		
Indeterminate	3	live
ROTATORIA		
Indeterminate	1	live
Indeterminate	2	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	dead
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	live
Synchaeta sp.	1	
Brachionidae		
Keratella cochlearis	1	live
Keratella cochlearis	1	
Monostyla bulla	1	live
Notholca sp.	1	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	live
Chydoridae		
Chydorus sphaericus	1	
Eucopepoda		
Copepoda nauplii	3	dead
Copepoda nauplii	1	live
Copepoda nauplii	1	

DATE : May 8, 1984 08:32
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7657
CONVERSION
FACTOR : 0.5/liter

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	live
NEMATODA		
Indeterminate	2	live
ROTATORIA		
Indeterminate	2	dead
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	dead
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	2	live
Brachionidae		
Keratella sp.	1	live
Keratella cochlearis	1	
Keratella quadrata	1	dead
Notholca sp.	1	dead
Notholca sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Chydoridae		
Chydorus sphaericus	1	
Eucopepoda		
Copepoda nauplii	4	live
Copepoda adult	1	live
Copepoda adult	6	

DATE : May 8, 1984 08:32
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7658

REMARKS : Low 60's, 100% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : May 8, 1984 08:30
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7660
CONVERSION FACTOR : 0.4/liter

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	live
Suctoria		
Suctorida		
Indeterminate	2	
ROTATORIA		
Indeterminate	3	dead
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	live
Philodina sp.	2	
Monogononta		
Floscularlacea		
Conochilidae		
Conochilus unicornis	1	dead
Testudinellidae		
Filinia sp.	4	
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Synchaeta sp.	1	live
Synchaeta sp.	1	
Brachionidae		
Keratella cochlearis	1	dead
Keratella cochlearis	1	live
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	2	live

DATE : May 8, 1984 08:40
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7661
CONVERSION
FACTOR : 0.4/liter

REMARKS : Low 60's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	live
Indeterminate	2	
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	1	dead
Indeterminate	2	live
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	2	live
Philodina sp.	3	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	5	dead
Brachionidae		
Keratella cochlearis	1	dead
Keratella cochlearis	1	live
Keratella quadrata	1	dead
Monostyla lunaris	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	1	live
Copepoda nauplii	3	

DATE : May 10, 1984 15:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7678
CONVERSION FACTOR : 0.5/liter

REMARKS : Windy, temp-50's, 60% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	24	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	8	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	

DATE : May 10, 1984 17:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7680
CONVERSION FACTOR : 0.5/liter

REMARKS : Windy, temp-50's, 60% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	17	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	1	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	2	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	7	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Brachionidae		
Keratella cochlearis	1	
ANNELIDA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	

DATE : June 12, 1984 08:55
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7891
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	dead
Indeterminate	1	live
Suctoria		
Suctorida		
Indeterminate	1	dead
Indeterminate	1	
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	1	dead
Indeterminate	3	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	dead
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	2	live
Conochilus unicornis	1	
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Polyarthra vulgaris	2	
Synchaeta sp.	2	dead
Synchaeta sp.	11	live
Synchaeta sp.	17	
Brachionidae		
Kellicottia longispina	1	dead
Kellicottia longispina	1	live
Kellicottia longispina	1	
Keratella sp.	2	
Keratella cochlearis	2	dead
Keratella cochlearis	10	live
Keratella cochlearis	4	
Keratella serrulata	2	live
Lecane sp.	1	
TARDIGRADA		
Indeterminate	1	dead
Indeterminate	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina sp.	2	live
Chydoridae		
Chydorus sphaericus	1	
Eucopepoda		
Copepoda nauplii	5	live
Copepoda nauplii	2	
Copepoda adult	1	dead
Copepoda adult	2	live
Copepoda adult	6	

DATE : June 12, 1984 09:00
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7892
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	live
Indeterminate	1	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	2	live
NEMATODA		
Indeterminate	2	dead
Indeterminate	2	
ROTATORIA		
Indeterminate	9	dead
Indeterminate	7	
Monogononta		
Floscularlacea		
Conochilidae		
Conochilus unicornis	3	live
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Polyarthra sp.	1	live
Polyarthra vulgaris	3	
Synchaeta sp.	19	dead
Synchaeta sp.	5	live
Synchaeta sp.	9	
Ploesomatidae		
Ploesoma sp.	1	live
Brachionidae		
Euchlanis sp.	1	dead
Kellicottia bostoniensis	1	dead
Kellicottia longispina	1	
Keratella cochlearis	2	dead
Keratella cochlearis	7	live
Keratella cochlearis	8	
Notholca sp.	1	
ARTHROPODA		
Crustacea		
Cladocera		
Chydoridae		
Chydorus sphaericus	1	
Eucopepoda		
Copepoda nauplii	3	dead
Copepoda nauplii	5	live
Copepoda nauplii	2	
Copepoda adult	4	

DATE : June 12, 1984 09:00
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 7893

REMARKS : Hot, 0% cloud cover

Quality control samples collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : June 12, 1984 09:00
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7895
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	
Suctoria		
Suctorida		
Indeterminate	1	
ROTATORIA		
Indeterminate	1	dead
Indeterminate	3	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	dead
Philodina sp.	1	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Synchaeta sp.	15	dead
Synchaeta sp.	1	live
Synchaeta sp.	5	
Brachionidae		
Kellicottia longispina	2	dead
Kellicottia longispina	1	
Keratella cochlearis	1	dead
Keratella cochlearis	2	
TARDIGRADA		
Indeterminate	1	dead
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	
Copepoda adult	1	dead
Copepoda adult	1	live
Copepoda adult	1	

DATE : June 12, 1984 09:12
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 7896
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Suctoria		
Suctorida		
Indeterminate	9	
ROTATORIA		
Indeterminate	1	dead
Indeterminate	4	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	2	dead
Philodina sp.	1	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Polyarthra sp.	1	
Synchaeta sp.	12	dead
Synchaeta sp.	1	live
Synchaeta sp.	8	
Brachionidae		
Brachionus sp.	1	
Kellicottia bostoniensis	1	
Kellicottia longispina	3	dead
Keratella cochlearis	2	dead
Keratella cochlearis	3	live
Keratella cochlearis	3	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina sp.	2	dead
Eucopepoda		
Copepoda nauplii	1	live
Copepoda nauplii	1	
Copepoda adult	1	live
Copepoda adult	1	

DATE : June 21, 1984 11:55
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7997
CONVERSION FACTOR : 0.5/liter

REMARKS : Sunny, 0% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	39	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	20	
Monogononta		
Floscularlacea		
Conochilidae		
Conochilus unicornis	8	
Ploima		
Synchaetidae		
Polyarthra sp.	2	
Synchaeta sp.	36	
Brachionidae		
Euchlanis sp.	1	
Kellicottia longispina	1	
Keratella cochlearis	10	
ANNELIDA		
Indeterminate	2	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	3	
Eucopepoda		
Copepoda nauplii	4	

DATE : June 21, 1984 12:24
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 7999
CONVERSION FACTOR : 0.5/liter

REMARKS : Sunny, 0% cloud cover

Organism	Number	Remarks
ROTATORIA		
Indeterminate	12	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	13	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Polyarthra vulgaris	3	
Synchaeta sp.	4	
Ploesomatidae		
Ploesoma sp.	1	
Trichocercidae		
Trichocerca sp.	1	
Brachionidae		
Euchlanis sp.	3	
Kellicottia longispina	1	
Keratella cochlearis	3	
Lecane sp.	1	
ANNELIDA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Bosminidae		
Bosmina longirostris	1	
Eucopepoda		
Copepoda nauplii	8	
Copepoda adult	3	

DATE : July 16, 1984 12:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8122
CONVERSION FACTOR : 0.5/liter

REMARKS : Hot & humid, 60% cloud cover

Organism	Number	Remarks
ROTATORIA		
Indeterminate	3	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Ploima		
Gastropodidae		
Gastropus sp.	3	
Brachionidae		
Brachionus calyciflorus	1	
Kellicottia longispina	2	
Keratella cochlearis	1	
TARDIGRADA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	7	

DATE : July 16, 1984 13:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8124
CONVERSION FACTOR : 0.5/liter

REMARKS : Hot & humid, 60% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
Suctoria		
Suctorida		
Indeterminate	2	
ROTATORIA		
Indeterminate	4	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Synchaeta sp.	2	
Brachionidae		
Kellicottia bostoniensis	1	
TARDIGRADA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	1	
Eucopepoda		
Copepoda nauplii	7	

DATE : August 15, 1984 10:02
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8236
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
PROTOZOA		
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	1	live
Difflugia sp.	1	
ROTATORIA		
Indeterminate	1	dead
Indeterminate	1	live
Indeterminate	3	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	2	dead
Conochilus unicornis	4	
Testudinellidae		
Testudinella patina	1	
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Polyarthra sp.	1	live
Polyarthra sp.	2	
Polyarthra vulgaris	2	
Synchaeta sp.	2	
Ploesomatidae		
Ploesoma sp.	1	dead
Ploesoma sp.	1	live
Ploesoma sp.	6	
Asplanchnidae		
Asplanchna sp.	2	dead
Asplanchna sp.	8	live
Asplanchna sp.	2	
Brachionidae		
Keratella cochlearis	2	dead
Keratella cochlearis	4	
ANNELIDA		
Indeterminate	2	dead
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	19	dead
Indeterminate	9	live
Indeterminate	10	
Sididae		
Sida crystallina	17	
Bosminidae		
Bosmina longirostris	2	dead
Bosmina longirostris	4	
Polyphemidae		
Polyphemus sp.	6	dead
Polyphemus pediculus	10	
Ostracoda		
Indeterminate	7	

(CONTINUED)

DATE : August 15, 1984 10:02
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8236
CONVERSION FACTOR : 0.4/liter

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	9	live
Copepoda nauplii	20	
Copepoda adult	8	live
Copepoda adult	8	

DATE : August 15, 1984 10:11
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, .40 Liters
SAMPLE : 8237
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
Indeterminate	1	
Suctoria		
Suctorida		
Indeterminate	1	live
ROTATORIA		
Indeterminate	2	dead
Indeterminate	5	
Monogononta		
Floscularlacea		
Testudinellidae		
Testudinella sp.	1	dead
Ploima		
Synchaetidae		
Polyarthra sp.	2	dead
Polyarthra sp.	2	
Ploesomatidae		
Ploesoma sp.	2	dead
Ploesoma sp.	6	
Trichocercidae		
Trichocerca sp.	1	
Brachionidae		
Keratella cochlearis	3	dead
Keratella cochlearis	1	live
Keratella cochlearis	8	
Lecane sp.	1	
Monostyla sp.	1	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	dead
Indeterminate	3	live
Indeterminate	16	
Sididae		
Sida sp.	26	
Daphnidae		
Scapholeberis sp.	3	
Bosminidae		
Bosmina longirostris	5	
Chydoridae		
Alonella sp.	1	live
Chydorus sp.	3	
Polyphenidae		
Polyphemus sp.	4	dead
Ostracoda		
Indeterminate	2	
Eucopepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	8	live
Copepoda nauplii	25	
Copepoda adult	2	live
Copepoda adult	8	

DATE	:	August 15, 1984 10:11
LOCATION	:	Vermont Yankee Intake
METHOD	:	Whole water by bucket, 0.25 Liters
SAMPLE	:	8238
REMARKS	:	Hot & humid, 30% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : August 15, 1984 10:05
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8239
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
ROTATORIA		
Indeterminate	1	dead
Indeterminate	7	
Monogononta		
Floscularlacea		
Conochilidae		
Conochilus unicornis	1	dead
Ploima		
Synchaetidae		
Polyarthra sp.	14	dead
Polyarthra sp.	8	
Polyarthra vulgaris	11	
Synchaeta sp.	2	dead
Synchaeta sp.	1	
Ploesomatidae		
Ploesoma sp.	5	dead
Ploesoma sp.	3	
Asplanchnidae		
Asplanchna sp.	5	dead
Asplanchna sp.	8	
Brachionidae		
Keratella cochlearis	8	dead
Keratella cochlearis	2	live
Keratella cochlearis	18	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	dead
Indeterminate	1	
Leptodoridae		
Leptodora sp.	1	dead
Bosminidae		
Bosmina longirostris	1	dead
Bosmina longirostris	10	
Ostracoda		
Indeterminate	1	
Eucopepoda		
Copepoda nauplii	5	dead
Copepoda nauplii	5	live
Copepoda nauplii	17	
Copepoda adult	2	live
Copepoda adult	5	

DATE : August 15, 1984
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8240
CONVERSION FACTOR : 0.4/liter

REMARKS : Hot & humid, 30% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
ROTATORIA		
Indeterminate	7	dead
Indeterminate	5	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	3	
Monogononta		
Floscularlacea		
Conochilidae		
Conochilus unicornis	2	dead
Conochilus unicornis	1	live
Conochilus unicornis	4	
Ploima		
Synchaetidae		
Polyarthra sp.	7	dead
Polyarthra sp.	3	
Polyarthra vulgaris	3	
Synchaeta sp.	2	
Ploesomatidae		
Ploesoma sp.	5	dead
Ploesoma sp.	9	
Asplanchnidae		
Asplanchna sp.	6	dead
Asplanchna sp.	5	
Brachionidae		
Kellicottia bostoniensis	1	
Keratella cochlearis	4	dead
Keratella cochlearis	1	live
Keratella cochlearis	4	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	4	dead
Indeterminate	4	
Bosminidae		
Bosmina longirostris	4	dead
Bosmina longirostris	1	live
Bosmina longirostris	7	
Eucopepoda		
Copepoda nauplii	5	dead
Copepoda nauplii	3	live
Copepoda nauplii	15	
Copepoda adult	2	live
Copepoda adult	5	

DATE : August 17, 1984 10:55
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8233
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear & warm, 0% cloud cover

Organism	Number	Remarks
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	1	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	3	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	

DATE : August 17, 1984 10:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8235
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear & warm, 0% cloud cover

Organism	Number	Remarks
ROTATORIA		
Monogononta		
Ploima		
Brachionidae		
Kellicottia bostoniensis	1	
Keratella cochlearis	2	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Sida sp.	1	
Bosminidae		
Bosmina longirostris	2	
Eucopepoda		
Copepoda nauplii	2	

DATE : September 13, 1984 09:45
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8304
CONVERSION FACTOR : 0.5/liter

REMARKS : Cool, 90% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	
Ciliata		
Peritrichida		
Vorticellidae		
Zoothamnium sp.	1	
Suctoria		
Suctorida		
Indeterminate	10	
ROTATORIA		
Indeterminate	11	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	2	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Ploesomatidae		
Ploesoma sp.	18	
Brachionidae		
Keratella cochlearis	9	
ANNELIDA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	2	
Eucopepoda		
Copepoda nauplii	2	
Copepoda adult	1	

DATE : September 13, 1984 09:40
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8306
CONVERSION FACTOR : 0.5/liter

REMARKS : Cool, 90% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	54	
Sarcodina		
Testacida		
Difflugidae		
Difflugia sp.	2	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	1	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	13	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	11	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	5	
Ploesomatidae		
Ploesoma sp.	25	
Gastropodidae		
Ascomorpha sp.	1	
Brachionidae		
Keratella cochlearis	145	
Trichotria pocillum	1	
ARTHROPODA		
Crustacea		
Cladocera		
Chydoridae		
Alonella sp.	1	
Eucopepoda		
Copepoda nauplii	4	
Copepoda adult	1	

DATE : October 18, 1984 11:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8376
CONVERSION FACTOR : 0.5/liter

REMARKS : Foggy, temp-50's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
Ciliata		
Peritrichida		
Epistylidae		
Epistylis sp.	12	
Suctoria		
Suctorida		
Indeterminate	2	
ROTATORIA		
Indeterminate	9	
Monogononta		
Ploima		
Synchaetidae		
Synchaeta sp.	2	
Ploesomatidae		
Ploesoma sp.	1	
Brachionidae		
Kellicottia longispina	1	
Keratella cochlearis	5	
ARTHROPODA		
Crustacea		
Cladocera		
Chydoridae		
Chydorus sphaericus	1	
Eucopepoda		
Copepoda nauplii	7	
Copepoda adult	2	

DATE : October 18, 1984 10:30
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8378
CONVERSION FACTOR : 0.5/liter

REMARKS : Foggy, temp-50's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	5	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	2	
Suctoria		
Suctorida		
Indeterminate	4	
NEMATODA		
Indeterminate	1	
ROTATORIA		
Indeterminate	11	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Synchaeta sp.	2	
Brachionidae		
Kellicottia longispina	3	
Keratella cochlearis	1	
Trichotria tetractis	1	
Trichotria pocillum	2	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	2	
Copepoda adult	1	

DATE : October 23, 1984 09:30
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8385
CONVERSION FACTOR : 0.4/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	4	
Sarcodina		
Heliozoida		
Indeterminate	4	dead
Indeterminate	1	live
Ciliata		
Indeterminate	2	live
Suctoria		
Suctorida		
Indeterminate	3	live
ROTATORIA		
Indeterminate	1	dead
Indeterminate	1	live
Indeterminate	36	
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	1	live
Ploima		
Synchaetidae		
Polyarthra sp.	4	dead
Polyarthra sp.	1	live
Synchaeta sp.	10	dead
Synchaeta sp.	36	live
Synchaeta sp.	7	
Brachionidae		
Kellicottia bostoniensis	1	live
Kellicottia longispina	1	
Keratella cochlearis	3	
Trichotria sp.	1	
ARTHROPODA		
Crustacea		
Cladocera		
Chydoridae		
Camptocercus sp.	1	
Chydorus sp.	1	
Eucopepoda		
Copepoda nauplii	5	live
Copepoda nauplii	9	
Copepoda adult	1	dead

DATE : October 23, 1984 09:30
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8386

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : October 23, 1984
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8387
CONVERSION FACTOR : 0.4/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	
ROTATORIA		
Indeterminate	4	
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	1	live
Ploima		
Synchaetidae		
Polyarthra sp.	5	dead
Polyarthra sp.	1	
Synchaeta sp.	11	dead
Synchaeta sp.	10	live
Synchaeta sp.	7	
Brachionidae		
Kellicottia bostoniensis	1	dead
Kellicottia longispina	2	
Keratella cochlearis	1	dead
Keratella cochlearis	3	live
Keratella cochlearis	2	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Eucopepoda		
Copepoda nauplii	5	live
Copepoda nauplii	3	
Copepoda adult	1	

DATE : October 23, 1984
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8388
CONVERSION FACTOR : 0.4/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	dead
Indeterminate	1	live
Indeterminate	1	
Sarcodina		
Heliozoida		
Indeterminate	1	dead
Indeterminate	1	live
Ciliata		
Indeterminate	2	live
Suctoria		
Suctorida		
Indeterminate	10	live
ROTATORIA		
Indeterminate	2	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	dead
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	1	dead
Ploima		
Synchaetidae		
Polyarthra sp.	1	
Synchaeta sp.	9	dead
Synchaeta sp.	2	live
Synchaeta sp.	3	
Brachionidae		
Brachionus sp.	1	
Notholca sp.	1	
ANNELIDA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Bosminidae		
Bosmina longirostris	1	
Eucopepoda		
Copepoda nauplii	2	
Copepoda adult	2	

DATE : October 23, 1984 09:23
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8389
CONVERSION FACTOR : 0.4/liter

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	3	live
Suctoria		
Suctorida		
Indeterminate	12	dead
ROTATORIA		
Indeterminate	1	dead
Indeterminate	21	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	1	
Ploima		
Synchaetidae		
Polyarthra sp.	3	
Polyarthra vulgaris	1	dead
Synchaeta sp.	10	dead
Synchaeta sp.	18	live
Synchaeta sp.	5	
Brachionidae		
Euchlanis sp.	1	
Keratella cochlearis	6	
Trichotria pocillum	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	5	live
Copepoda nauplii	7	
Copepoda adult	2	

DATE : November 15, 1984 10:20
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8416
CONVERSION FACTOR : 0.4/liter

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	live
Indeterminate	1	
Sarcodina		
Heliozoida		
Indeterminate	1	live
NEMATODA		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	1	dead
Indeterminate	1	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	
Synchaeta sp.	7	dead
Synchaeta sp.	1	
Brachionidae		
Euchlanis sp.	1	
Kellicottia bostoniensis	1	
Kellicottia longispina	1	
Keratella cochlearis	1	dead
Keratella taurocephala	2	
Notholca sp.	1	
Trichotria sp.	2	
Trichotria pocillum	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	1	
Chydoridae		
Chydorus sphaericus	1	live
Eucopepoda		
Copepoda nauplii	1	live
Copepoda nauplii	1	
Copepoda adult	2	live

DATE : November 15, 1984 10:25
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8417
CONVERSION FACTOR : 0.4/liter

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	live
Indeterminate	1	
Sarcodina		
Heliozoida		
Indeterminate	1	live
Ciliata		
Gymnostomatida		
Didiniidae		
Didinium sp.	1	live
Suctoria		
Suctorida		
Indeterminate	1	dead
ROTATORIA		
Indeterminate	2	dead
Indeterminate	1	live
Indeterminate	4	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	live
Polyarthra sp.	1	
Synchaeta sp.	1	dead
Synchaeta sp.	1	live
Trichocercidae		
Trichocerca sp.	1	live
Brachionidae		
Kellicottia bostoniensis	2	dead
Kellicottia bostoniensis	1	
Kellicottia longispina	1	
Keratella cochlearis	1	live
Keratella cochlearis	2	
Keratella taurocephala	1	
Monostyla sp.	1	
Trichotria sp.	1	
Trichotria pocillum	2	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	2	
Chydoridae		
Camptocercus sp.	1	
Chydorus sp.	4	
Chydorus sphaericus	3	live
Eucopepoda		
Copepoda nauplii	1	live
Copepoda nauplii	2	
Copepoda adult	1	live

DATE : November 15, 1984 10:25
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8418

REMARKS : Temp-30's, 100% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : November 15, 1984 10:23
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8419
CONVERSION FACTOR : 0.4/liter

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	live
Indeterminate	1	
ROTATORIA		
Indeterminate	2	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	2	live
Synchaeta sp.	2	live
Brachionidae		
Kellicottia bostoniensis	3	
Keratella cochlearis	5	live
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda nauplii	1	
Copepoda adult	2	live

DATE : November 15, 1984 10:29
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8420
CONVERSION
FACTOR : 0.4/liter

REMARKS : Temp-30's, 100% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	3	
ROTATORIA		
Indeterminate	2	live
Indeterminate	3	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Brachionidae		
Keratella cochlearis	1	live
Keratella cochlearis	1	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	1	live
Eucopepoda		
Copepoda nauplii	3	live
Copepoda adult	1	live

DATE : November 16, 1984 09:25
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8422
CONVERSION
FACTOR : 0.5/liter

REMARKS : Temp-30's, 40% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	12	
Ciliata		
Peritrichida		
Vorticellidae		
Zoothamnium sp.	15	
Suctoria		
Suctorida		
Indeterminate	5	
ROTATORIA		
Indeterminate	4	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	

DATE : November 16, 1984 10:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8424
CONVERSION FACTOR : 0.5/liter

REMARKS : Temp-30's, 40% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	24	
Suctoria		
Suctorida		
Indeterminate	7	
ROTATORIA		
Indeterminate	6	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	4	
Monogononta		
Flosculariacea		
Testudinellidae		
Filinia terminalis	1	
Ploima		
Brachionidae		
Kellicottia bostoniensis	3	
Keratella cochlearis	3	
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	3	
Chydoridae		
Chydorus sp.	1	
Eucopepoda		
Copepoda nauplii	2	
Copepoda adult	2	

DATE : December 13, 1984 09:50
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8429
CONVERSION
FACTOR : 0.4/liter

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	
NEMATODA		
Indeterminate	1	live
ROTATORIA		
Indeterminate	1	live
Monogononta		
Flosculariacea		
Conochilidae		
Conochilus unicornis	1	
Ploima		
Brachionidae		
Kellicottia bostoniensis	2	
Kellicottia longispina	3	dead
Keratella cochlearis	1	live
Trichotria sp.	1	dead
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Chydoridae		
Chydorus sp.	1	
Eucopepoda		
Copepoda nauplii	1	

DATE : December 13, 1984 09:56
LOCATION : Vermont Yankee Intake
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8430
CONVERSION FACTOR : 0.4/liter

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	1	dead
Indeterminate	1	
ROTATORIA		
Indeterminate	1	dead
Monogononta		
Ploima		
Synchaetidae		
Polyarthra vulgaris	1	dead
Brachionidae		
Kellicottia bostoniensis	3	
Keratella cochlearis	1	live
Keratella quadrata	1	live
Monostyla sp.	1	live
TARDIGRADA		
Indeterminate	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Eucopepoda		
Copepoda nauplii	1	live

DATE : December 13, 1984 09:56
LOCATION : Vermont Yankee Intake
METHOD : Whole water by bucket, 0.25 Liters
SAMPLE : 8431

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Quality control sample collected for historical purposes; samples are catalogued for documentation of taxonomic diversity.

DATE : December 13, 1984 09:55
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8432
CONVERSION FACTOR : 0.4/liter

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
PROTOZOA		
Suctoria		
Suctorida		
Indeterminate	1	live
ROTATORIA		
Indeterminate	1	dead
Indeterminate	5	
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	live
Philodina sp.	1	
Monogononta		
Ploima		
Synchaetidae		
Polyarthra sp.	1	dead
Synchaeta sp.	1	live
Brachionidae		
Kellicottia bostoniensis	4	
Kellicottia longispina	1	dead
Keratella cochlearis	1	dead
Keratella cochlearis	2	live
Keratella quadrata	1	dead
Keratella quadrata	1	
Trichotria pocillum	1	
ARTHROPODA		
Crustacea		
Cladocera		
Chydoridae		
Chydorus sphaericus		
Eucopepoda		
Copepoda nauplii	1	live
Copepoda nauplii	3	

DATE : December 13, 1984 10:10
LOCATION : Vermont Yankee Discharge
METHOD : Plankton net-bucket, 40 Liters
SAMPLE : 8433
CONVERSION FACTOR : 0.4/liter

REMARKS : Foggy & mild, temp-40's, 95% cloud cover

Organism	Number	Remarks
PROTOZOA		
Indeterminate	2	dead
Indeterminate	1	
ROTATORIA		
Monogononta		
Ploima		
Brachionidae		
Kellicottia bostoniensis	4	dead
Kellicottia bostoniensis	1	
Kellicottia longispina	1	dead
Trichotria sp.	1	live
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	1	
Chydoridae		
Chydorus sp.	1	
Eucopepoda		
Copepoda nauplii	1	dead
Copepoda nauplii	2	

DATE : December 13, 1984 14:00
LOCATION : Vermont Yankee Station 7-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8434
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear, high clouds

Organism	Number	Remarks
PROTOZOA		
Indeterminate	12	
Ciliata		
Peritrichida		
Vorticellidae		
Vorticella sp.	2	
Suctoria		
Suctorida		
Indeterminate	48	
ROTATORIA		
Digononta		
Bdelloidea		
Philodinidae		
Philodina sp.	1	
Monogononta		
Ploima		
Brachionidae		
Kellicottia bostoniensis	1	
Keratella cochlearis	1	
ANNELIDA		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Bosminidae		
Bosmina longirostris	1	

DATE : December 13, 1984 12:00
LOCATION : Vermont Yankee Station 3-Monitor
METHOD : Plankton net-monitor pump, 40 Liters
SAMPLE : 8436
CONVERSION FACTOR : 0.5/liter

REMARKS : Clear, light haze

Organism	Number	Remarks
PROTOZOA		
Indeterminate	31	
Suctoria		
Suctorida		
Indeterminate	146	
ROTATORIA		
Monogononta		
Ploima		
Brachionidae		
Kellicottia bostoniensis	2	
Kellicottia longispina	2	
Keratella quadrata	1	
ARTHROPODA		
Crustacea		
Eucopepoda		
Copepoda adult	1	

Appendix D

Macroinvertebrates

DATE : June 19, 1984
LOCATION: Station 4-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 6967

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Plesiopora		
Tubificidae		
Indeterminate	6	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Insecta		
Diptera		
Chironomidae		
Chironominae		
Indeterminate	4	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Indeterminate	1	

DATE : June 19, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 6968

Organism	Number	Remarks
NEMATHELMINTHES		
Nematoda		
Indeterminate	1	
ANNELIDA		
Oligochaeta		
Indeterminate	13	
Plesiopora		
Tubificidae		
Indeterminate	87	
Prosopora		
Lumbriculidae		
Indeterminate	7	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	7	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Indeterminate	1	
Chironomidae		
Indeterminate	3	
Tanypodinae		
Coelotanypus sp.	1	
Chironominae		
Indeterminate	5	
Cryptochironomus fulvus	4	
Glyptotendipes lobiferus	1	
Parachironomus frequens	1	
Polypedilum nr. scalaenum	1	
Pseudochironomus sp.	7	
Tanytarsini		
Micropsectra sp.	1	
Heleidae		
Indeterminate	1	
Heleinae		
Palpomyia tibialis	3	
Culicoides sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	18	

DATE : June 19, 1984
LOCATION: Station 5-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7963

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	2	
Plesiopora		
Tubificidae		
Indeterminate	4	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemerellidae		
Ephemerella sp.	1	
Ephemerella bicolor	1	
Ephemerella attenuata	1	
Ephemeridae		
Ephemera sp.	1	
Hexagenia limbata	8	
Heptageniidae		
Indeterminate	1	
Stenonema sp.	1	
Stenonema luteum	2	
Trichoptera		
Leptoceridae		
Oecetis sp.	3	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Thienemannimyia sp.	2	
Chironominae		
Indeterminate	2	
Dicrotendipes neomodestus	6	
Glyptotendipes sp.	3	
Glyptotendipes lobiferus	2	
Pseudochironomus sp.	7	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Unionidae		
Indeterminate	1	

DATE : June 19, 1984
LOCATION: Station 5-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7964

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Indeterminate	3	
Chironominae		
Dicrotendipes neomodestus	1	
Polypedilum nr. scalaenum	1	

DATE : June 19, 1984
LOCATION: Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7965

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Plesiopora		
Tubificidae		
Indeterminate	36	
Branchiura sowerbyi	2	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemerellidae		
Ephemerella bicolor	1	
Heptageniidae		
Stenonema luteum	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	3	
Cryptochironomus fulvus	1	
Polypedilum nr. scalaenum	1	
Demicryptochironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : June 19, 1984
LOCATION: Station 4-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7966

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Plesiopora		
Tubificidae		
Indeterminate	13	
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Polypedilum nr. scalaenum	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : June 21, 1984
LOCATION: Station 2-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7991

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	3	
ARTHROPODA		
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	1	
Ephemeroptera		
Heptageniidae		
Stenonema ares	2	
Trichoptera		
Indeterminate	1	
Hydropsychidae		
Cheumatopsyche sp.	6	
Macronema sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	3	

DATE : June 21, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7992

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	1	
Plesiopora		
Tubificidae		
Indeterminate	1	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Plecoptera		
Chloroperlidae		
Hastaperla sp.	1	

DATE : June 21, 1984
LOCATION: Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7993

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemerellidae		
Ephemerella attenuata	1	
Heptageniidae		
Indeterminate	1	
Stenonema ithaca	2	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Hydropsyche sp.	1	
Leptoceridae		
Oecetis sp.	2	
Diptera		
Indeterminate	1	
Chironomidae		
Tanytarsini		
Rheotanytarsus sp.	1	
Simuliidae		
Indeterminate	4	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Gyraulus sp.	1	
Helisoma sp.	2	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	3	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Sphaerium sp.	2	

DATE : June 21, 1984
LOCATION: Station 3-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7994

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Plesiopora		
Naididae		
Indeterminate	6	
ARTHROPODA		
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Indeterminate	1	
Chironominae		
Indeterminate	1	
Tanytarsini		
Rheotanytarsus sp.	2	
Tanytarsus glabrescens	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	5	

DATE : June 21, 1984
LOCATION: Station 3-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7995

NO ORGANISMS FOUND

DATE : June 21, 1984
LOCATION: Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 7996

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	8	
Plesiopora		
Tubificidae		
Indeterminate	26	
Prosopora		
Lumbriculidae		
Indeterminate	5	
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Indeterminate	4	
Cryptochironomus fulvus	2	
Polypedilum sp.	1	
Polypedilum nr. scalaenum	1	
Tanytarsini		
Cladotanytarsus sp.	3	
Stempellinella sp.	1	
Heleidae		
Heleinae		
Palpomyia sp.	3	
Stilobezzia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	3	

DATE : July 17, 1984
LOCATION: Station 2-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8143

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	2	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	1	
Unionidae		
Indeterminate	1	

DATE : July 17, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8144

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia sp.	2	
Heptageniidae		
Indeterminate	2	
Heptagenia sp.	1	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Hydropsychidae		
Indeterminate	3	
Macronema sp.	1	
Diptera		
Chironomidae		
Indeterminate	1	
Chironominae		
Microtendipes caelum	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Indeterminate	1	

DATE : July 17, 1984
LOCATION: Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8145

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	3	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Hydropsychidae		
Indeterminate	2	
Macronema sp.	2	
Polycentropodidae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	1	
Simuliidae		
Indeterminate	2	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Sphaerium sp.	1	
Unionidae		
Indeterminate	1	

DATE : July 17, 1984
LOCATION: Station 2-Vermont
METHOD : Cage sampler, 28 Days
SAMPLE : 8146

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	1	
Insecta		
Ephemeroptera		
Indeterminate	1	
Heptageniidae		
Indeterminate	2	
Stenonema sp.	3	
Stenonema ares	1	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Macronema sp.	1	
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Chironominae		
Glyptotendipes sp.	1	
Stenochironomous sp.	1	
Simuliidae		
Indeterminate	1	

DATE : July 17, 1984
LOCATION: Station 3-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8147

Organism	Number	Remarks
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	1	
Heptageniidae		
Stenonema sp.	1	
Stenonema bipunctatum	1	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	2	
Tanytarsini		
Rheotanytarsus exiguus	1	
Simuliidae		
Indeterminate	6	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	6	

DATE : July 17, 1984
LOCATION: Station 3-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8148

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Baetis levitans	1	
Baetis intercalaris	1	
Heptageniidae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Cheumatopsyche sp.	5	
Hydropsyche sp.	13	
Leptoceridae		
Ceraclea sp.	1	
Diptera		
Chironomidae		
Tanytarsini		
Rheotanytarsus exiguus	1	
Heleidae		
Heleinae		
Palpomyia tibialis	2	

DATE : July 17, 1984
LOCATION: Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8149

Organism	Number	Remarks
NEMATHELMINTHES		
Nematoda		
Indeterminate	2	
ANNELIDA		
Oligochaeta		
Indeterminate	1	
Plesiopora		
Tubificidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	5	
Polymitarcidae		
Ephoron sp.	1	
Trichoptera		
Hydropsychidae		
Hydropsyche sp.	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Microtendipes caelum	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : July 17, 1984
LOCATION: Station 3-Vermont
METHOD : Cage sampler, 28 Days
SAMPLE : 8150

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	74	
Amphipoda		
Indeterminate	1	
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	1	
Caenis sp.	3	
Heptageniidae		
Indeterminate	2	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Hydropsychidae		
Indeterminate	3	
Cheumatopsyche sp.	4	
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	2	
Glyptotendipes sp.	2	
Parachironomus abortivus	1	
Polypedilum illinoense	1	
Tanytarsini		
Rheotanytarsus distinctissimus	2	
Rheotanytarsus exiguus	3	
Hemiptera		
Nepidae		
Ranatra sp.	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	4	

DATE : July 19, 1984
LOCATION: Station 4-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8151

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	7	
Plesiopora		
Tubificidae		
Indeterminate	10	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Baetidae		
Indeterminate	1	
Polymitarcidae		
Ephoron sp.	2	
Diptera		
Chironomidae		
Orthocladiinae		
Cricotopus bicinctus	1	
Chironominae		
Indeterminate	1	
Dicrotendipes neomodestus	1	
Polypedilum illinoense	1	
Stictochironomus sp.	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	1	

DATE : July 19, 1984
LOCATION: Station 4-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8152

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	1	
Polymitarcidae		
Ephoron sp.	10	
Odonata		
Gomphidae		
Gomphus sp.	1	

DATE : July 19, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8153

REMARKS : 3 jars

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
ANNELIDA		
Oligochaeta		
Indeterminate	15	
Plesiopora		
Tubificidae		
Indeterminate	4	
Branchiura sowerbyi	1	
Prosopora		
Lumbriculidae		
Indeterminate	2	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	3	
Crustacea		
Cladocera		
Sididae		
Indeterminate	1	
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	4	
Caenis sp.	1	
Odonata		
Gomphidae		
Gomphus sp.	3	
Megaloptera		
Sialidae		
Sialis sp.	2	
Trichoptera		
Leptoceridae		
Oecetis sp.	2	
Polycentropodidae		
Neureclipsis sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	2	
Chironominae		
Indeterminate	3	
Cryptochironomus fulvus	4	
Polypedilum nr. scalaenum	4	
Heleidae		
Indeterminate	4	
Heleinae		
Palpomyia tibialis	3	
Probezzia sp.	1	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Physidae		
Physa sp.	3	

- (CONTINUED)

DATE : July 19, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8153

Organism	Number	Remarks
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Gyraulus sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	22	

DATE : July 19, 1984
LOCATION: Station 5-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8154

REMARKS : 2 jars

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Polymitarcidae		
Ephoron sp.	8	
Diptera		
Chironomidae		
Chironominae		
Pseudochironomus sp.	1	

DATE : July 19, 1984
LOCATION: Station 5-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8155

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	4	
Polymitarcidae		
Ephoron sp.	5	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Cryptochironomus fulvus	1	

DATE : July 19, 1984
LOCATION: Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8156

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Plesiopora		
Tubificidae		
Indeterminate	3	
ARTHROPODA		
Insecta		
Ephemeroptera		
Caenidae		
Indeterminate	1	
Brachycercus sp.	1	
Polymitarcidae		
Ephoron sp.	6	
Trichoptera		
Polycentropodidae		
Indeterminate	1	

DATE : July 19, 1984
LOCATION: Station 4-Vermont
METHOD : Cage sampler, 28 Days
SAMPLE : 8157

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	27	
Amphipoda		
Gammaridae		
Indeterminate	1	
Decapoda		
Cambaridae		
Indeterminate	5	
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	1	
Caenis sp.	2	
Heptageniidae		
Indeterminate	6	
Heptagenia sp.	3	
Stenonema tripunctatum	1	
Stenonema femoratum	2	
Siphlonuridae		
Isonychia sp.	1	
Tricorythidae		
Tricorythodes sp.	46	
Odonata		
Aeschnidae		
Boyeria sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	20	
Leptoceridae		
Indeterminate	1	
Ceraclea sp.	18	
Oecetis sp.	5	
Triaenodes sp.	1	
Coleoptera		
Gyrinidae		
Dineutes sp.	1	
Diptera		
Chironomidae		
Indeterminate	3	
Tanypodinae		
Indeterminate	1	
Chironominae		
Indeterminate	9	
Dicrotendipes neomodestus	54	
Glyptotendipes lobiferus	5	
Polypedilum convictum	1	
Pseudochironomus sp.	1	
Tanytarsini		
Rheotanytarsus sp.	1	
Rheotanytarsus exiguus	3	
Tanytarsus sp.	1	
Tanytarsus glabrescens	1	
Tanytarsus guerlus	7	
Heleidae		
Heleinae		
Probezzia sp.	1	

DATE : July 19, 1984
LOCATION: Station 5-Vermont
METHOD : Cage sampler, 28 Days
SAMPLE : 8158

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	12	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	43	
Dugesia tigrina	2	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	9	
Amphipoda		
Indeterminate		
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	1	
Ephemeroptera		
Baetidae		
Indeterminate	1	
Baetis sp.	1	
Caenidae		
Indeterminate	1	
Heptageniidae		
Indeterminate	3	
Stenonema sp.	10	
Siphlonuridae		
Isonychia sp.	2	
Tricorythidae		
Tricorythodes sp.	32	
Odonata		
Coenagriidae		
Anomalagrion sp.	1	
Gomphidae		
Gomphus confraternus	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	27	
Leptoceridae		
Ceraclea sp.	6	
Oecetis sp.	27	
Polycentropodidae		
Indeterminate	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Gyrinidae		
Dineutes sp.	2	
Diptera		
Chironomidae		
Indeterminate	12	
Tanypodinae		
Indeterminate	1	
Ablabesmyia mallochi	3	
Thienemannimyia sp.	4	
Orthocladiinae		
Nanocladius sp.	3	

(CONTINUED)

DATE : July 19, 1984
LOCATION: Station 5-Vermont
METHOD : Cage sampler, 28 Days
SAMPLE : 8158

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Orthocladiinae		
Psectrocladius sp.	1	
Chironominae		
Indeterminate	4	
Dicrotendipes sp.	1	
Dicrotendipes neomodestus	132	
Glyptotendipes sp.	40	
Glyptotendipes lobiferus	97	
Nilothauma babiyi	1	
Parachironomus carinatus?	1	
Polypedilum sp.	2	
Polypedilum convictum	3	
Polypedilum illinoense	3	
Tanytarsini		
Rheotanytarsus sp.	2	
Rheotanytarsus exiguus	1	
Tanytarsus glabrescens	9	
Tanytarsus guerlus	54	
Heleidae		
Indeterminate	2	
Heleinae		
Probezzia sp.	2	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amniçola sp.	1	

DATE : August 14, 1984
LOCATION: Station 4-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8221

REMARKS : 2 jars

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Plesiopora		
Tubificidae		
Indeterminate	2	
ARTHROPODA		
Insecta		
Ephemeroptera		
Polymitarcidae		
Ephoron sp.	7	
Diptera		
Chironomidae		
Indeterminate	1	
Orthocladiinae		
Nanocladius sp.	1	
Chironominae		
Glyptotendipes sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	9	

DATE : August 14, 1984
LOCATION: Station 4-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8222

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Ephemeroptera		
Polymitarcidae		
Ephoron sp.	4	
Diptera		
Chironomidae		
Indeterminate	1	
Chironominae		
Indeterminate	3	
Cryptochironomus fulvus	1	
Culicidae		
Chaoborinae		
Chaoborus sp.	2	

DATE : August 14, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8223

REMARKS : 3 jars

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
ANNELIDA		
Oligochaeta		
Indeterminate	8	
Plesiopora		
Tubificidae		
Indeterminate	25	
Branchiura sowerbyi	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	1	
Insecta		
Odonata		
Gomphidae		
Indeterminate	2	
Trichoptera		
Leptoceridae		
Indeterminate	1	
Oecetis sp.	2	
Polycentropodidae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Clinotanypus sp.	1	
Coelotanypus sp.	6	
Procladius sublettei	8	
Chironominae		
Indeterminate	1	
Chironomus sp.	1	
Cryptochironomus fulvus	4	
Harnischia curtilamellata	1	
Polypedilum nr. scalaenum	1	
Demicryptochironomus sp.	1	
Tanytarsini		
Tanytarsus sp.	1	
Heleidae		
Heleinae		
Indeterminate	2	
Palpomyia tibialis	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	7	
Pisidium sp.	17	

- (CONTINUED)

DATE : August 14, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8223

Organism	Number	Remarks
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	3	-

DATE : August 14, 1984
LOCATION: Station 4-Vermont
METHOD : Cage sampler, 25 Days
SAMPLE : 8224

Organism	Number	Remarks
PROTOZOA		
Indeterminate		
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	9	
Dugesia sp.	8	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	173	
Decapoda		
Cambaridae		
Indeterminate	9	
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	3	
Ephemeroptera		
Baetidae		
Indeterminate	1	
Caenidae		
Brachycercus sp.	1	
Caenis sp.	1	
Heptageniidae		
Indeterminate	4	
Stenonema sp.	4	
Tricorythidae		
Tricorythodes sp.	4	
Odonata		
Coenagriidae		
Indeterminate	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	9	
Coleoptera		
Gyrinidae		
Dineutes sp.	3	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Cryptochironomus fulvus	2	
Dicrotendipes neomodestus	20	
Polypedilum illinoense	2	
Pseudochironomus sp.	1	
Tanytarsini		
Indeterminate	1	
Cladotanytarsus sp.	3	
Tanytarsus glabrescens	1	

DATE : August 14, 1984
LOCATION: Station 5-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8225

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	2	
ARTHROPODA		
Insecta		
Diptera		
Indeterminate	1	
Chironomidae		
Chironominae		
Indeterminate	1	
Chironomus sp.	14	
Polypedilum nr. scalaenum	1	
Tanytarsini		
Tanytarsus sp.	1	

DATE : August 14, 1984
LOCATION: Station 5-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8226

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	2	
Insecta		
Ephemeroptera		
Ephemeridae		
Indeterminate	1	
Polymitarcidae		
Ephoron sp.	8	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Chironomus sp.	1	
Nilothauma sp.	1	
Polypedilum nr. scalaenum	1	

DATE : August 14, 1984
LOCATION: Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8227

Organism	Number	Remarks
NEMATHELMINTHES		
Nematoda		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	3	
Diptera		
Chironomidae		
Chironominae		
Chironomus sp.	1	
Tanytarsini		
Tanytarsus sp.	3	
Culicidae		
Chaoborinae		
Chaoborus sp.	1	

DATE : August 14, 1984
LOCATION: Station 5-Vermont
METHOD : Cage sampler, 25 Days
SAMPLE : 8228

Organism	Number	Remarks
PROTOZOA		
Indeterminate		
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	4	
ANNELIDA		
Oligochaeta		
Indeterminate	2	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	73	
Decapoda		
Cambaridae		
Indeterminate	2	
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	1	
Caenis sp.	1	
Heptageniidae		
Indeterminate	1	
Stenacron sp.	3	
Odonata		
Macromiidae		
Macromia sp.	1	
Megaloptera		
Sialidae		
Sialis sp.	2	
Trichoptera		
Indeterminate	2	
Hydropsychidae		
Indeterminate	1	
Leptoceridae		
Indeterminate	1	
Oecetis sp.	16	
Diptera		
Chironomidae		
Indeterminate	3	
Tanypodinae		
Procladius sublettei	1	
Chironominae		
Indeterminate	3	
Cryptochironomus sp.	1	
Dicrotendipes sp.	2	
Dicrotendipes neomodestus	5	
Dicrotendipes nervosus	2	
Glyptotendipes sp.	4	
Nilothauma sp.	1	
Parachironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Indeterminate	1	
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	

DATE : August 15, 1984
LOCATION: Station 2-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8213

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	40	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	1	
Trichoptera		
Indeterminate	1	
Hydropsychidae		
Indeterminate	2	
Cheumatopsyche sp.	18	
Hydropsyche sp.	5	
Polycentropodidae		
Indeterminate	2	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Dicrotendipes sp.	2	
Parachironomus sp.	1	
Parachironomus frequens	1	
Tanytarsini		
Tanytarsus guerlus	1	
Empididae		
Indeterminate	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	8	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	1	
Pisidium sp.	1	
Sphaerium sp.	32	
Unionidae		
Indeterminate	1	

DATE : August 15, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8214

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	140	
Insecta		
Plecoptera		
Indeterminate	1	
Ephemeroptera		
Heptageniidae		
Indeterminate	5	
Stenonema sp.	6	
Polymitarcidae		
Ephoron sp.	1	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Hydropsychidae		
Indeterminate	9	
Cheumatopsyche sp.	21	
Hydropsyche sp.	12	
Macronema sp.	2	
Coleoptera		
Elmidae		
Indeterminate	1	
Diptera		
Chironomidae		
Chironominae		
Glyptotendipes sp.	1	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Helisoma sp.	1	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	3	

DATE : August 15, 1984
LOCATION: Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8215

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	58	
Insecta		
Ephemeroptera		
Baetidae		
Baetis sp.	1	
Caenidae		
Caenis sp.	1	
Heptageniidae		
Stenacron sp.	1	
Stenonema sp.	1	
Stenonema tripunctatum	2	
Tricorythidae		
Tricorythodes sp.	3	
Trichoptera		
Indeterminate	1	
Glossostomatidae		
Indeterminate	1	
Hydropsychidae		
Cheumatopsyche sp.	13	
Hydropsyche sp.	2	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	1	
Chironominae		
Indeterminate	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	5	
Sphaerium sp.	1	

DATE : August 15, 1984
LOCATION: Station 2-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8216

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Indeterminate	246	
Decapoda		
Cambaridae		
Indeterminate	3	
Insecta		
Ephemeroptera		
Heptageniidae		
Indeterminate	2	
Stenacron sp.	3	
Stenonema sp.	8	
Odonata		
Coenagriidae		
Argia sp.	1	
Trichoptera		
Brachycentridae		
Brachycentrus sp.	1	
Leptoceridae		
Indeterminate	2	
Triaenodes sp.	2	
Polycentropodidae		
Neureclipsis sp.	1	
Coleoptera		
Elmidae		
Stenelmis sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	1	
Thienemannimyia sp.	1	
Chironominae		
Indeterminate	1	
Parachironomus sp.	2	
Polypedilum sp.	1	
Polypedilum illinoense	1	
Tanytarsini		
Indeterminate	1	
Rheotanytarsus exiguus	1	

DATE : August 16, 1984
LOCATION: Station 3-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8217

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Plumatellidae		
Plumatella sp.		light
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	45	
Insecta		
Diptera		
Chironomidae		
Tanypodinae		
Thienemannimyia sp.	1	
Chironominae		
Glyptotendipes sp.	1	
Microtendipes caelum	1	
Parachironomus frequens	1	
Tanytarsini		
Tanytarsus sp.	1	
Tanytarsus guerlus	1	

DATE : August 16, 1984
LOCATION: Station 3-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8218

Organism	Number	Remarks
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	329	
Insecta		
Ephemeroptera		
Indeterminate	1	
Heptageniidae		
Indeterminate	4	
Diptera		
Chironomidae		
Chironominae		
Microtendipes sp.	1	

DATE : August 16, 1984
LOCATION: Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8219

Organism	Number	Remarks
PROTOZOA		
Indeterminate		
NEMATHELMINTHES		
Nematoda		
Indeterminate	2	
ANNELIDA		
Oligochaeta		
Indeterminate	1	
Plesiopora		
Tubificidae		
Indeterminate	3	
Branchiura sowerbyi	1	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	44	
Insecta		
Ephemeroptera		
Caenidae		
Brachycercus sp.	24	
Caenis sp.	4	
Trichoptera		
Leptoceridae		
Ceraclea sp.	1	
Oecetis sp.	3	
Polycentropodidae		
Indeterminate	2	
Coleoptera		
Elmidae		
Indeterminate	1	
Diptera		
Indeterminate	13	
Chironomidae		
Indeterminate	6	
Tanypodinae		
Procladius sublettei	2	
Chironominae		
Indeterminate	16	
Cryptochironomus fulvus	1	
Dicrotendipes neomodestus	1	
Pseudochironomus sp.	2	
Tanytarsini		
Indeterminate	3	
Cladotanytarsus sp.	23	
Tanytarsus sp.	8	
Tanytarsus guerlus	4	
Heleidae		
Indeterminate	1	
Heleinae		
Stilobezzia sp.	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	3	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	17	
Unionidae		
Indeterminate	1	

DATE : August 16, 1984
LOCATION: Station 3-Vermont
METHOD : Cage sampler, 30 Days
SAMPLE : 8220

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Plumatellidae		
Plumatella sp.		light
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	9400	
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	4	
Ephemeroptera		
Caenidae		
Caenis sp.	2	
Heptageniidae		
Indeterminate	15	
Stenonema sp.	23	
Tricorythidae		
Tricorythodes sp.	3	
Odonata		
Libellulidae		
Pantala sp.	5	
Trichoptera		
Indeterminate	3	
Hydropsychidae		
Indeterminate	49	
Cheumatopsyche sp.	314	
Hydropsyche sp.	2	
Macronema sp.	7	
Leptoceridae		
Oecetis sp.	4	
Philopotamidae		
Indeterminate	3	
Diptera		
Chironomidae		
Indeterminate	8	
Tanypodinae		
Thienemannimyia sp.	9	
Orthocladiinae		
Nanocladius sp.	2	
Nanocladius distinctus	18	
Chironominae		
Indeterminate	15	
Dicrotendipes sp.	2	
Dicrotendipes neomodestus	4	
Glyptotendipes sp.	21	
Glyptotendipes lobiferus	13	
Parachironomus sp.	6	
Parachironomus abortivus	15	
Parachironomus frequens	5	
Polypedilum sp.	1	
Polypedilum convictum	10	
Polypedilum illinoense	15	
Tanytarsini		
Rheotanytarsus exiguus	20	
Tanytarsus guerlus	5	

DATE : September 11, 1984
LOCATION: Station 2-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8283

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	11	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		light
Lophopodidae		
Lophopodella carteri		heavy
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	31	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Odonata		
Macromiidae		
Macromia sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	2	
Leptoceridae		
Ceraclea sp.	1	
Oecetis sp.	5	
Diptera		
Chironomidae		
Tanytarsini		
Rheotanytarsus exiguus	1	
Tanytarsus guerlus	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	1	

DATE : September 11, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8284

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	2	
Dugesia tigrina	4	
NEMATHELMINTHES		
Nematoda		
Indeterminate	1	
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo		light
Lophopodidae		
Lophopodella carteri		moderate
ANNELIDA		
Oligochaeta		
Indeterminate	2	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	15	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	4	
Tricorythidae		
Tricorythodes sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	11	
Macronema sp.	1	
Leptoceridae		
Oecetis sp.	7	
Diptera		
Chironomidae		
Indeterminate	3	
Tanypodinae		
Indeterminate	1	
Ablabesmyia mallochi	2	
Orthocladiinae		
Cricotopus bicinctus	2	
Eukiefferiella sp.	1	
Chironominae		
Indeterminate	2	
Dicrotendipes neomodestus	3	
Microtendipes caelum	4	
Parachironomus frequens	4	
Stenochironomous sp.	1	
Tanytarsini		
Tanytarsus guerlus	2	

DATE : September 11, 1984
LOCATION: Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8285

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Dugesia tigrina	17	
BRYOZOA		
Phylactolaemata		
Indeterminate		
Cristatellidae		
Cristatella mucedo		moderate
Lophopodidae		
Lophopodella carteri		heavy
ANNELIDA		
Oligochaeta		
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	3	
Crustacea		
Cladocera		
Sididae		
Indeterminate	14	
Insecta		
Odonata		
Coenagriidae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	4	
Leptoceridae		
Oecetis sp.	3	
Triaenodes sp.	1	
Diptera		
Anthomyiidae		
Indeterminate	1	
Chironomidae		
Indeterminate	8	
Tanypodinae		
Ablabesmyia mallochi	1	
Orthocladiinae		
Indeterminate	4	
Chironominae		
Indeterminate	15	
Tanytarsini		
Indeterminate	11	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Helisoma sp.	1	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	26	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	6	
Sphaerium sp.	17	

DATE : September 11, 1984
LOCATION: Station 2-Vermont
METHOD : Cage sampler, 27 Days
SAMPLE : 8286

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	77	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	59	
Dugesia tigrina	55	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		moderate
Phylactolaemata		
Cristatellidae		
Cristatella mucedo	8	
Lophopodidae		
Lophopodella carteri		heavy
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	92	
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	1	
Odonata		
Coenagriidae		
Ischnura sp.	2	
Libellulidae		
Pantala sp.	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	32	
Polycentropodidae		
Indeterminate	1	
Neureclipsis sp.	3	
Coleoptera		
Indeterminate	1	
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	10	
Glyptotendipes sp.	1	
Tanytarsini		
Indeterminate	3	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Physidae		
Physa sp.	1	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	

(CONTINUED)

DATE : September 11, 1984
LOCATION: Station 2-Vermont
METHOD : Cage sampler, 27 Days
SAMPLE : 8286

Organism	Number	Remarks
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	1	

DATE : September 11, 1984
LOCATION: Station 3-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8287

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	1	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Tanytarsini		
Rheotanytarsus exiguus	1	

DATE : September 11, 1984
LOCATION: Station 3-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8288

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	1	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		moderate
Phylactolaemata		
Cristatellidae		
Cristatella mucedo	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	18	
Insecta		
Plecoptera		
Perlidae		
Acroneuria sp.	1	
Ephemeroptera		
Heptageniidae		
Stenonema sp.	2	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Cheumatopsyche sp.	4	
Diptera		
Chironomidae		
Indeterminate	1	
Chironominae		
Indeterminate	4	
Glyptotendipes lobiferus	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	1	

DATE : September 11, 1984
LOCATION: Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8289

Organism	Number	Remarks
NEMATHELMINTHES		
Nematoda		
Indeterminate	1	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		moderate
ANNELIDA		
Oligochaeta		
Indeterminate	4	
Plesiopora		
Tubificidae		
Indeterminate	4	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Heptageniidae		
Indeterminate	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	3	
Diptera		
Chironomidae		
Tanypodinae		
Djalmabatista sp.	1	
Culicidae		
Chaoborinae		
Chaoborus sp.	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	
Sphaerium sp.	6	

DATE : September 11, 1984
LOCATION: Station 3-Vermont
METHOD : Cage sampler, 26 Days
SAMPLE : 8290

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	2	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		moderate
ANNELIDA		
Oligochaeta		
Plesiopora		
Naididae		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	12300	
Decapoda		
Cambaridae		
Indeterminate	2	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	5	
Odonata		
Indeterminate	1	
Coenagriidae		
Ischnura sp.	6	
Argia sp.	1	
Libellulidae		
Pantala sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	7	
Hydroptilidae		
Indeterminate	1	
Leptoceridae		
Oecetis sp.	7	
Polycentropodidae		
Polycentropus sp.	11	
Diptera		
Chironomidae		
Indeterminate	251	
Tanypodinae		
Ablabesmyia mallochi	5	
Orthocladiinae		
Indeterminate	7	
Cricotopus sp.	6	
Cricotopus bicinctus	1	
Cricotopus intersectus	1	
Cricotopus sylvestris	1	
Psectrocladius psilopterus	8	
Chironominae		
Indeterminate	469	
Dicrotendipes neomodestus	7	
Glyptotendipes sp.	4	
Parachironomus sp.	2	
Parachironomus abortivus	8	
Parachironomus frequens	1	

(CONTINUED)

DATE : September 11, 1984
LOCATION: Station 3-Vermont
METHOD : Cage sampler, 26 Days
SAMPLE : 8290

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Parachironomus carinatus?	1	
Polypedilum illinoense	3	
Tanytarsini		
Indeterminate	45	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	5	

DATE : September 12, 1984
LOCATION: Station 4-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8291

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	2	
Polycentropodidae		
Phylocentropus sp.	1	
Diptera		
Chironomidae		
Diamesinae		
Monodiamesa sp.	1	
Chironominae		
Glyptotendipes sp.	1	
Pseudochironomus sp.	3	
Tanytarsini		
Tanytarsus guerlus	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	12	

DATE : September 12, 1984
LOCATION: Station 4-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8292

Organism	Number	Remarks
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	2	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	1	
Polymitarcidae		
Ephoron sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Unionidae		
Indeterminate	2	

DATE : September 12, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8293

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		- light
ANNELIDA		
Oligochaeta		
Indeterminate	2	
Plesiopora		
Tubificidae		
Indeterminate	24	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Coelotanypus sp.	4	
Chironominae		
Chironomus sp.	1	
Cryptochironomus fulvus	2	
Culicidae		
Chaoborinae		
Chaoborus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmatea		
Sphaeriidae		
Pisidium sp.	1	

DATE : September 12, 1984
LOCATION: Station 4-Vermont
METHOD : Cage sampler, 28 Days
SAMPLE : 8294

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	58	
Dugesia tigrina	33	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	42	
Decapoda		
Cambaridae		
Indeterminate	2	
Eucopepoda		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	78	
Triaenodes sp.	1	
Polycentropodidae		
Phylocentropus sp.	11	
Polycentropus sp.	15	
Coleoptera		
Elmidae		
Stenelmis sp.	1	
Diptera		
Chironomidae		
Indeterminate	29	
Tanypodinae		
Procladius sublettei	1	
Chironominae		
Indeterminate	44	
Chironomus sp.	1	
Dicrotendipes neomodestus	4	
Glyptotendipes sp.	1	
Tanytarsini		
Indeterminate	1	
Culicidae		
Chaoborinae		
Chaoborus sp.	2	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Gyraulus sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	8	
Sphaerium sp.	2	

DATE : September 12, 1984
LOCATION: Station 5-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8295

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	2	
Plesiopora		
Tubificidae		
Indeterminate	3	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	1	
Trichoptera		
Indeterminate	1	
Molannidae		
Molanna sp.	1	
Polycentropodidae		
Phylocentropus sp.	8	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	1	
Chironomus sp.	3	
Glyptotendipes sp.	1	
Polypedilum sp.	3	
Polypedilum nr. scalaenum	1	
Pseudochironomus sp.	1	
Tribelos sp.	1	
Tanytarsini		
Tanytarsus guerlus	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	9	
Sphaerium sp.	2	

DATE : September 12, 1984
LOCATION: Station 5-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8296

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	1	
Trichoptera		
Leptoceridae		
Triaenodes sp.	2	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	12	
Polypedilum sp.	3	
Tanytarsini		
Indeterminate	1	

DATE : September 12, 1984
LOCATION: Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8297

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	8	
Plesiopora		
Naididae		
Indeterminate	1	
Hirudinea		
Rhynchobdellida		
Glossiphonidae		
Helobdella sp.	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	2	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	11	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	1	
Orthocladiinae		
Cricotopus sp.	1	
Chironominae		
Polypedilum nr. scalaenum	2	
Pseudochironomus sp.	1	
Tanytarsini		
Tanytarsus guerlus	2	
Culicidae		
Chaoborinae		
Chaoborus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	7	

DATE : September 12, 1984
LOCATION: Station 5-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8298

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	48	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	108	
Dugesia tigrina	70	
BRYOZOA		
Phylactolaemata		
Cristatellidae		
Cristatella mucedo	1	
Lophopodidae		
Lophopodella carteri		light
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	77	
Polyphemidae		
Indeterminate	8	
Amphipoda		
Indeterminate	2	
Decapoda		
Cambaridae		
Indeterminate	2	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	3	
Hydropsyche sp.	2	
Hydroptilidae		
Indeterminate	1	
Leptoceridae		
Oecetis sp.	11	
Triaenodes sp.	2	
Polycentropodidae		
Indeterminate	4	
Polycentropus sp.	16	
Diptera		
Indeterminate	1	
Chironomidae		
Indeterminate	41	
Tanypodinae		
Ablabesmyia mallochi	1	
Chironominae		
Indeterminate	233	
Dicrotendipes neomodestus	7	
Glyptotendipes lobiferus	15	
Parachironomus sp.	5	
Pseudochironomus sp.	4	
Tanytarsini		
Indeterminate	5	

(CONTINUED)

DATE : September 12, 1984
LOCATION: Station 5-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8298

Organism	Number	Remarks
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	
Sphaerium sp.	1	

DATE : October 16, 1984
LOCATION: Station 2-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8347

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
Lophopodidae		
Lophopodella carteri		heavy
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	12	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	3	
Leptoceridae		
Ceraclea sp.	1	
Diptera		
Chironomidae		
Chironominae		
Glyptotendipes sp.	1	
Glyptotendipes lobiferus	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	7	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	33	
Pisidium sp.	137	
Sphaerium sp.	7	
Unionidae		
Indeterminate	1	

DATE : October 16, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8348

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	1	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
Lophopodidae		
Lophopodella carteri		moderate
ANNELIDA		
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	2	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	128	
Hydropsyche sp.	5	
Leptoceridae		
Oecetis sp.	37	
Polycentropodidae		
Neureclipsis sp.	4	
Coleoptera		
Elmidae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	47	
Tanypodinae		
Ablabesmyia mallochi	1	
Thienemannimyia sp.	1	
Orthocladiinae		
Indeterminate	1	
Psectrocladius psilopterus	1	
Chironominae		
Indeterminate	75	
Dicrotendipes neomodestus	85	
Tanytarsini		
Tanytarsus sp.	1	
Heleidae		
Heleinae		
Indeterminate	1	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Physidae		
Physa sp.	2	
Planorbidae		
Helisoma sp.	1	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	

(CONTINUED)

DATE : October 16, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8348

Organism	Number	Remarks
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	2	

DATE : October 16, 1984
LOCATION: Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8349

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	15	
Dugesia tigrina	8	
BRYOZOA		
Phylactolaemata		
Plumatellidae		
Plumatella sp.		light
Lophopodidae		
Lophopodella carteri		heavy
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	4	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	7	
Leptoceridae		
Oecetis sp.	11	
Triaenodes sp.	1	
Polycentropodidae		
Polycentropus sp.	2	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Indeterminate	6	
Chironominae		
Indeterminate	11	
Dicrotendipes neomodestus	7	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	3	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	10	
Pisidium sp.	8	

DATE : October 16, 1984
LOCATION: Station 2-Vermont
METHOD : Cage sampler, 35 Days
SAMPLE : 8350

NO ORGANISMS FOUND

DATE : October 16, 1984
LOCATION: Station 3-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8351

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
Plumatellidae		
Plumatella sp.		heavy
ARTHROPODA		
Crustacea		
Ostracoda		
Indeterminate	1	
Insecta		
Odonata		
Macromiidae		
Macromia sp.	2	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	1	

DATE : October 16, 1984
LOCATION: Station 3-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8352

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		heavy
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
Plumatellidae		
Plumatella sp.		moderate
Pectinatellidae		
Pectinatella magnifica		
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	10	
Insecta		
Ephemeroptera		
Heptageniidae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Indeterminate	2	
Cheumatopsyche sp.	5	
Leptoceridae		
Ceraclea sp.	10	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Chironomidae		
Indeterminate	1	
Tanypodinae		
Thienemannimyia sp.	1	
Chironominae		
Indeterminate	8	
Glyptotendipes sp.	18	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	2	

DATE : October 16, 1984
LOCATION: Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8353

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
Plumatellidae		
Plumatella sp.		light
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	7	
Diptera		
Indeterminate	1	
Chironomidae		
Tanypodinae		
Procladius sp.	1	
Diamesinae		
Monodiamesa sp.	1	
Chironominae		
Glyptotendipes lobiferus	1	
Heleidae		
Heleinae		
Indeterminate	1	
Palpomyia tibialis	1	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Physidae		
Physa sp.	3	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	24	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	83	
Pisidium sp.	158	
Unionidae		
Indeterminate	1	

DATE : October 16, 1984
LOCATION: Station 3-Vermont
METHOD : Cage sampler, 35 Days
SAMPLE : 8354

NO ORGANISMS FOUND

DATE : October 17, 1984
LOCATION: Station 4-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8355

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate		
Hirudinea		
Rhynchobdellida		
Glossiphonidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Indeterminate	1	
Heptageniidae		
Stenonema sp.	1	
Trichoptera		
Polycentropodidae		
Phylocentropus sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sp.	2	
Procladius sublettei	1	
Diamesinae		
Monodiamesa sp.	1	
Chironominae		
Indeterminate	7	
Cryptochironomus fulvus	2	
Polypedilum nr. scalaenum	1	
Pseudochironomus sp.	7	
Demicryptochironomus sp.	4	
Tanytarsini		
Tanytarsus guerlus	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	25	
Sphaerium sp.	1	

DATE : October 17, 1984
LOCATION: Station 4-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8356

Organism	Number	Remarks
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	7	
Insecta		
Ephemeroptera		
Ephemeridae		
Indeterminate	2	
Ephemera sp.	1	
Hexagenia limbata	2	
Trichoptera		
Hydropsychidae		
Indeterminate	1	
Leptoceridae		
Oecetis sp.	1	
Diptera		
Indeterminate	1	
Chironomidae		
Tanypodinae		
Procladius sp.	2	
Chironominae		
Indeterminate	6	
Cryptochironomus sp.	2	
Polypedilum nr. scalaenum	5	
Pseudochironomus sp.	4	
Demicryptochironomus sp.	1	
Heleidae		
Heleinae		
Indeterminate	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	3	

DATE : October 17, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8357

Organism	Number	Remarks
ANNELIDA		
Oligochaeta		
Indeterminate	4	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	3	
Triaenodes sp.	2	
Molannidae		
Molanna sp.	1	
Polycentropodidae		
Polycentropus sp.	2	
Coleoptera		
Elmidae		
Indeterminate	1	
Dubiraphia sp.	9	
Diptera		
Anthomyiidae		
Indeterminate	1	
Chironomidae		
Tanypodinae		
Indeterminate	5	
Chironominae		
Indeterminate	14	
Dicrotendipes neomodestus	6	
Heleidae		
Heleinae		
Indeterminate	6	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Gyraulus sp.	7	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	15	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	11	

DATE : October 17, 1984
LOCATION: Station 4-Vermont
METHOD : Cage sampler, 35 Days
SAMPLE : 8358

NO ORGANISMS FOUND

DATE : October 17, 1984
LOCATION: Station 5-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8359

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		moderate
Plumatellidae		
Plumatella sp.		light
ANNELIDA		
Oligochaeta		
Indeterminate	5	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	2	
Trichoptera		
Indeterminate	1	
Polycentropodidae		
Phylocentropus sp.	4	
Diptera		
Chironomidae		
Indeterminate	4	
Tanypodinae		
Indeterminate	9	
Chironominae		
Indeterminate	32	
Nilothauma babiyi	1	
Heleidae		
Indeterminate	4	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	17	

DATE : October 17, 1984
LOCATION: Station 5-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8360

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
Lophopodidae		
Lophopodella carteri		light
ANNELIDA		
Oligochaeta		
Indeterminate	2	
Plesiopora		
Tubificidae		
Indeterminate	3	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Tanypodinae		
Procladius sp.	1	
Diamesinae		
Potthastia longimanus	1	
Chironominae		
Indeterminate	1	
Polypedilum nr. scalaenum	3	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Sphaerium sp.	1	

DATE : October 17, 1984
LOCATION: Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8361

Organism	Number	Remarks
NEMATHELMINTHES :		
Nematoda		
Indeterminate	1	
ANNELIDA		
Oligochaeta		
Indeterminate	9	
ARTHROPODA		
Insecta		
Ephemeroptera		
Ephemeridae		
Indeterminate	1	
Hexagenia limbata	1	
Trichoptera		
Leptoceridae		
Oecetis sp.	1	
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	9	
Diamesinae		
Potthastia longimanus	1	
Chironominae		
Indeterminate	4	
Cryptochironomus fulvus	1	
Dicrotendipes sp.	1	
Demicryptochironomus sp.	6	
Tanytarsini		
Tanytarsus guerlus	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	8	
Unionidae		
Indeterminate	1	

DATE : October 17, 1984
LOCATION: Station 5-Vermont
METHOD : Cage sampler, 35 Days
SAMPLE : 8362

NO ORGANISMS FOUND

DATE : November 14, 1984
LOCATION: Station 2-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8400

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	1	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	8	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
Lophopodidae		
Lophopodella carteri		heavy
ARTHROPODA		
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Helisoma sp.	1	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	3	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Indeterminate	24	
Pisidium sp.	15	
Sphaerium sp.	15	
Unionidae		
Indeterminate	1	

DATE : November 14, 1984
LOCATION: Station 2-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8401

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	9	
Dugesia tigrina	3	
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		moderate
Lophopodidae		
Lophopodella carteri		moderate
ARTHROPODA		
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	8	
Leptoceridae		
Oecetis sp.	1	
Triaenodes sp.	1	
Coleoptera		
Elmidae		
Indeterminate	1	
Diptera		
Chironomidae		
Orthocladiinae		
Indeterminate	1	
Chironominae		
Dicrotendipes sp.	9	
Dicrotendipes neomodestus	30	
Glyptotendipes sp.	1	
Microtendipes caelum	1	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	2	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	

DATE : November 14, 1984
LOCATION: Station 2-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8402

Organism	Number	Remarks
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	17	
Dugesia tigrina	16	
NEMATHELMINTHES		
Nematoda		
Indeterminate	1	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
Lophopodidae		
Lophopodella carteri		moderate
ANNELIDA		
Oligochaeta		
Indeterminate	3	
ARTHROPODA		
Crustacea		
Decapoda		
Cambaridae		
Indeterminate	1	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Oecetis sp.	11	
Triaenodes sp.	1	
Diptera		
Chironomidae		
Indeterminate	14	
Chironominae		
Indeterminate	12	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Physidae		
Physa sp.	2	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	12	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	2	
Sphaerium sp.	10	
Unionidae		
Indeterminate	1	

DATE : November 14, 1984
LOCATION: Station 2-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8403

REMARKS : NO CATCH: rope broke on trap while retrieving

DATE : November 14, 1984
LOCATION: Station 3-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8404

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
Plumatellidae		
Plumatella sp.		light
ARTHROPODA		
Insecta		
Coleoptera		
Elmidae		
Dubiraphia sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	1	
Chironominae		
Dicrotendipes neomodestus	2	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	15	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	10	
Sphaerium sp.	2	
Unionidae		
Indeterminate	3	

DATE : November 14, 1984
LOCATION: Station 3-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8405

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	2	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	2	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		heavy
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
ANNELIDA		
Oligochaeta		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	2	
Ostracoda		
Indeterminate	4	
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Ceraclea sp.	2	
Oecetis sp.	3	
Diptera		
Chironomidae		
Indeterminate	3	
Tanypodinae		
Ablabesmyia mallochi	1	
Chironominae		
Glyptotendipes sp.	5	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : November 14, 1984
LOCATION: Station 3-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8406

Organism	Number	Remarks
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	3	
Chironominae		
Demicryptochironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	13	
Unionidae		
Indeterminate	1	

DATE : November 14, 1984
LOCATION: Station 3-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8407

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	5	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	1	
Dugesia tigrina	1	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		heavy
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
Plumatellidae		
Plumatella sp.		light
ANNELIDA		
Oligochaeta		
Plesiopora		
Naididae		
Indeterminate	1	
ARTHROPODA		
Crustacea		
Cladocera		
Sididae		
Indeterminate	26	
Ostracoda		
Indeterminate	1	
Insecta		
Plecoptera		
Taenipterygidae		
Taenionema sp.	1	
Ephemeroptera		
Heptageniidae		
Stenonema ares	1	
Neuroptera		
Sisyridae		
Indeterminate	1	
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	13	
Polycentropodidae		
Polycentropus sp.	1	
Diptera		
Chironomidae		
Chironominae		
Indeterminate	8	
Glyptotendipes sp.	5	
Parachironomus sp.	2	
Tanytarsini		
Rheotanytarsus exiguus	4	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	9	

DATE : November 15, 1984
LOCATION: Station 4-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8408

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
ANNELIDA		
Oligochaeta		
Indeterminate	4	
Plesiopora		
Tubificidae		
Indeterminate	1	
ARTHROPODA		
Insecta		
Trichoptera		
Indeterminate	1	
Diptera		
Chironomidae		
Chironominae		
Nilothauma babiyi	1	
Pseudochironomus sp.	2	
Demicryptochironomus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	28	

DATE : November 15, 1984
LOCATION: Station 4-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8409

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		moderate
ANNELIDA		
Oligochaeta		
Indeterminate	3	
Plesiopora		
Tubificidae		
Indeterminate	4	
Branchiura sowerbyi	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	1	
Amphipoda		
Indeterminate	1	
Insecta		
Ephemeroptera		
Ephemeridae		
Hexagenia limbata	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	3	
Chironominae		
Cryptochironomus fulvus	2	
Polypedilum nr. scalaenum	3	
Pseudochironomus sp.	1	
Demicryptochironomus sp.	2	
Tanytarsini		
Tanytarsus guerlus	1	
Heleidae		
Heleinae		
Culicoides sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	5	

DATE : November 15, 1984
LOCATION: Station 4-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8410

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
ANNELIDA		
Oligochaeta		
Indeterminate	12	
Plesiopora		
Tubificidae		
Indeterminate	2	
Prosopora		
Lumbriculidae		
Indeterminate	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	8	
Insecta		
Ephemeroptera		
Caenidae		
Caenis sp.	4	
Ephemeridae		
Hexagenia limbata	2	
Trichoptera		
Leptoceridae		
Oecetis sp.	5	
Coleoptera		
Chrysomelidae		
Galerucella sp.	1	
Diptera		
Chironomidae		
Indeterminate	18	
Tanypodinae		
Coelotanypus sp.	3	
Procladius sublettei	5	
Chironominae		
Indeterminate	25	
Heleidae		
Indeterminate	6	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Planorbidae		
Gyraulus sp.	1	
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	5	

DATE : November 15, 1984
LOCATION: Station 4-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8411

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	12	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	12	
Dugesia tigrina	41	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
ANNELIDA		
Oligochaeta		
Indeterminate	2	
Hirudinea		
Rhynchobdellida		
Glossiphonidae		
Helobdella sp.	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	29	
Crustacea		
Cladocera		
Sididae		
Indeterminate	117	
Polyphemidae		
Indeterminate	1	
Amphipoda		
Indeterminate	21	
Insecta		
Ephemeroptera		
Heptageniidae		
Stenonema sp.	1	
Odonata		
Indeterminate	2	
Coenagriidae		
Ischnura sp.	7	
Argia sp.	1	
Trichoptera		
Brachycentridae		
Indeterminate	2	
Hydroptilidae		
Agraylea sp.	2	
Leptoceridae		
Oecetis sp.	61	
Triaenodes sp.	380	
Molannidae		
Molanna sp.	1	
Polycentropodidae		
Polycentropus sp.	3	
Diptera		
Chironomidae		
Indeterminate	13	

(CONTINUED)

DATE : November 15, 1984
LOCATION: Station 4-Vermont
METHOD : Cage sampler, 29 Days
SAMPLE : 8411

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Tanypodinae		
Ablabesmyia parajanta	1	
Procladius sublettei	1	
Chironominae		
Indeterminate	39	
Dicrotendipes neomodestus	2	
Glyptotendipes sp.	7	
Tanytarsini		
Indeterminate	5	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Physidae		
Physa sp.	3	
Planorbidae		
Gyraulus sp.	1	

DATE : November 15, 1984
LOCATION: Station 5-Vermont
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8412

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		moderate
ANNELIDA		
Oligochaeta		
Indeterminate	5	
Plesiopora		
Tubificidae		
Indeterminate	2	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Insecta		
Trichoptera		
Polycentropodidae		
Phylocentropus sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	14	
Chironominae		
Chironomus sp.	7	
Cryptochironomus sp.	1	
Cryptochironomus fulvus	1	
Glyptotendipes sp.	1	
Demicryptochironomus sp.	3	
Heleidae		
Heleinae		
Culicoides sp.	2	
MOLLUSCA		
Gastropoda		
Megagastropoda		
Hydrobiidae		
Amnicola sp.	1	
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	34	
Sphaerium sp.	8	

DATE : November 15, 1984
LOCATION: Station 5-Midstream
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8413

Organism	Number	Remarks
NEMATHELMINTHES		
Nematoda		
Indeterminate	1	
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		light
ANNELIDA		
Oligochaeta		
Plesiopora		
Tubificidae		
Indeterminate	10	
ARTHROPODA		
Insecta		
Trichoptera		
Hydropsychidae		
Cheumatopsyche sp.	1	
Leptoceridae		
Oecetis sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Procladius sublettei	15	
Thienemannimyia sp.	1	
Chironominae		
Indeterminate	17	
Cryptochironomus fulvus	1	
Dicrotendipes neomodestus	3	
Polypedilum nr. scalaenum	1	
Culicidae		
Chaoborinae		
Chaoborus sp.	1	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	1	

DATE : November 15, 1984
LOCATION: Station 5-New Hampshire
METHOD : Ekman dredge (9 inch), 10 Hauls
SAMPLE : 8414

Organism	Number	Remarks
BRYOZOA		
Phylactolaemata		
Fredericellidae		
Fredericella sultana		moderate
Plumatellidae		
Plumatella sp.		light
ANNELIDA		
Oligochaeta		
Indeterminate		
Plesiopora		
Tubificidae		
Indeterminate	12	
Branchiura sowerbyi	2	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	7	
Insecta		
Trichoptera		
Leptoceridae		
Oecetis sp.	2	
Triaenodes sp.	1	
Diptera		
Chironomidae		
Tanypodinae		
Indeterminate	6	
Chironominae		
Dicrotendipes neomodestus	1	
Stictochironomus sp.	2	
Demicryptochironomus sp.	3	
Heleidae		
Indeterminate	4	
MOLLUSCA		
Pelecypoda		
Prionodesmacea		
Sphaeriidae		
Pisidium sp.	7	
Unionidae		
Indeterminate	1	

DATE : November 15, 1984
LOCATION: Station 5
METHOD : Cage sampler, 29 Days
SAMPLE : 8415

Organism	Number	Remarks
COELENTERATA		
Hydrozoa		
Hydroidea		
Hydridae		
Hydra sp.	14	
PLATYHELMINTHES		
Turbellaria		
Tricladida		
Planariidae		
Indeterminate	3	
Dugesia tigrina	89	
BRYOZOA		
Gymnolaemata		
Ctenostomata		
Paludicellidae		
Paludicella articulata		light
Phylactolaemata		
Fredericellidae		
Fredericella sultana		heavy
ANNELIDA		
Oligochaeta		
Indeterminate	1	
Hirudinea		
Rhynchobdellida		
Glossiphonidae		
Indeterminate	1	
ARTHROPODA		
Arachnoidea		
Hydracarina		
Indeterminate	1	
Crustacea		
Cladocera		
Sididae		
Indeterminate	8	
Amphipoda		
Indeterminate	26	
Eucopepoda		
Indeterminate	1	
Insecta		
Plecoptera		
Indeterminate	1	
Odonata		
Coenagriidae		
Indeterminate	2	
Libellulidae		
Pantala sp.	1	
Trichoptera		
Hydroptilidae		
Hydroptila sp.	1	
Leptoceridae		
Triaenodes sp.	10	
Polycentropodidae		
Polycentropus sp.	1	
Coleoptera		
Elmidae		
Indeterminate	1	
Diptera		
Chironomidae		
Indeterminate	26	
Tanypodinae		
Ablabesmyia parajanta	1	

(CONTINUED)

DATE : November 15, 1984
LOCATION: Station 5
METHOD : Cage sampler, 29 Days
SAMPLE : 8415

Organism	Number	Remarks
ARTHROPODA		
Insecta		
Diptera		
Chironomidae		
Chironominae		
Indeterminate	5	
Tanytarsini		
Tanytarsus guerlus	1	
Heleidae		
Indeterminate	1	
MOLLUSCA		
Gastropoda		
Bassommatophora		
Ancylidae		
Ferrissia sp.	3	
Planorbidae		
Gyraulus sp.	1	

Appendix E

Ichthyoplankton

START TIME : May 7, 1984 14:54
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 80.3 cubic meters
METER : 98
SAMPLE : 7645

REMARKS : sunny 70F

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 14:35
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 55 seconds
VOLUME : 89.9 cubic meters
METER : 98
SAMPLE : 7646

REMARKS : sunny 70F

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 14:35
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 98.5 cubic meters
METER : 94
SAMPLE : 7647

REMARKS : sunny 70F

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 14:35
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 20 seconds
VOLUME : 89.4 cubic meters
METER : 61
SAMPLE : 7648

REMARKS : Sunny 70F

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 14:17
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 79.0 cubic meters
METER : 98
SAMPLE : 7649

REMARKS : sunny 70F

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 17:57
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 60.2 cubic meters
METER : 98
SAMPLE : 7650

REMARKS : lateral boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 18:07
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 15 seconds
VOLUME : 53.1 cubic meters
METER : 98
SAMPLE : 7651

REMARKS : lateral boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 18:25
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 21 seconds
VOLUME : 57.3 cubic meters
METER : 98
SAMPLE : 7652

REMARKS : lateral boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 7, 1984 17:00
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 30 seconds
VOLUME : 32.4 cubic meters
METER : 98
SAMPLE : 7653

REMARKS : lateral boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.2	Yolk sac

START TIME : May 7, 1984 16:20
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 10 minutes, 20 seconds
VOLUME : 52.5 cubic meters
METER : 98
SAMPLE : 7654

REMARKS : lateral boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.0	Yolk sac

START TIME : May 7, 1984 16:35
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 33 seconds
VOLUME : 34.6 cubic meters
METER : 98
SAMPLE : 7655

REMARKS : lateral boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 10, 1984 09:30
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 86.7 cubic meters
METER : 61
SAMPLE : 7666

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.0	Yolk sac
2	1	Yellow Perch	7.0	Yolk sac

START TIME : May 10, 1984 09:42
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 10 seconds
VOLUME : 83.5 cubic meters
METER : 61
SAMPLE : 7667

NO CATCH FOR THIS COLLECTION

START TIME : May 10, 1984 09:42
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 55 seconds
VOLUME : 81.6 cubic meters
METER : 98
SAMPLE : 7668

NO CATCH FOR THIS COLLECTION

START TIME : May 10, 1984 09:42
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 55 seconds
VOLUME : 81.7 cubic meters
METER : 94
SAMPLE : 7669

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.1	Yolk sac

START TIME : May 10, 1984 09:59
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 59 seconds
VOLUME : 63.0 cubic meters
METER : 61
SAMPLE : 7670

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.2	Yolk sac

START TIME : May 10, 1984 10:45
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 45 seconds
VOLUME : 15.8 cubic meters
METER : 98
SAMPLE : 7671

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.8	Larval

START TIME : May 10, 1984 11:10
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 11 minutes, 47 seconds
VOLUME : 67.8 cubic meters
METER : 98
SAMPLE : 7672

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.0	Yolk sac

START TIME : May 10, 1984 11:26
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 0 seconds
VOLUME : 45.3 cubic meters
METER : 98
SAMPLE : 7673

NO CATCH FOR THIS COLLECTION

START TIME : May 10, 1984 08:05
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 49 seconds
VOLUME : 57.0 cubic meters
METER : 98
SAMPLE : 7674

NO CATCH FOR THIS COLLECTION

START TIME : May 10, 1984 08:15
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 10 seconds
VOLUME : 57.0 cubic meters
METER : 98
SAMPLE : 7675

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.0	Yolk sac

START TIME : May 10, 1984 08:40
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 62.9 cubic meters
METER : 98
SAMPLE : 7676

NO CATCH FOR THIS COLLECTION

START TIME : May 14, 1984 16:30
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 10 seconds
VOLUME : 34.6 cubic meters
METER : 98
SAMPLE : 7683

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	8.4	Larval
2	1	Yellow Perch	7.0	Larval

START TIME : May 14, 1984 16:11
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 14 seconds
VOLUME : 37.4 cubic meters
METER : 98
SAMPLE : 7684

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	5.9	Yolk sac
2	1	Yellow Perch	7.0	Yolk sac
3	1	Yellow Perch	7.0	Yolk sac
4	1	Yellow Perch	7.4	Yolk sac

START TIME : May 14, 1984 16:00
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 10 seconds
VOLUME : 59.0 cubic meters
METER : 98
SAMPLE : 7685

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.0	Yolk sac
2	1	Yellow Perch	7.9	Yolk sac
3	1	Yellow Perch	5.6	Yolk sac
4	1	Yellow Perch	6.4	Yolk sac
5	1	Walleye	6.7	Yolk sac

START TIME : May 14, 1984 17:33
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 72.3 cubic meters
METER : 98
SAMPLE : 7686

REMARKS : high flow boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 14, 1984 18:00
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 77.9 cubic meters
METER : 98
SAMPLE : 7687

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.4	Yolk sac

START TIME : May 14, 1984 18:00
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 55 seconds
VOLUME : 75.2 cubic meters
METER : 61
SAMPLE : 7688

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	5.7	Yolk sac

START TIME : May 14, 1984 18:00
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 64.2 cubic meters
METER : 94
SAMPLE : 7689

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.8	Yolk sac
2	1	Yellow Perch	7.0	Yolk sac

START TIME : May 14, 1984 17:47
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 70.4 cubic meters
METER : 98
SAMPLE : 7690

REMARKS : high flow boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 14, 1984 14:54
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 19 minutes, 52 seconds
VOLUME : 36.3 cubic meters
METER : 98
SAMPLE : 7691

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.0	Larval

START TIME : May 14, 1984 14:38
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 43 seconds
VOLUME : 51.7 cubic meters
METER : 98
SAMPLE : 7692

REMARKS : high flow boards out

NO CATCH FOR THIS COLLECTION

START TIME : May 14, 1984 14:18
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 15 seconds
VOLUME : 49.9 cubic meters
METER : 98
SAMPLE : 7693

REMARKS : high flow boards out

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.3	Larval
2	1	Yellow Perch		Larval

START TIME : May 16, 1984 13:52
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 56 seconds
VOLUME : 48.4 cubic meters
METER : 94
SAMPLE : 7695

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 13:52
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 56 seconds
VOLUME : 75.3 cubic meters
METER : 61
SAMPLE : 7696

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 14:34
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 6 seconds
VOLUME : 83.6 cubic meters
METER : 94
SAMPLE : 7697

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 14:34
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 6 seconds
VOLUME : 81.3 cubic meters
METER : 61
SAMPLE : 7698

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye		Yolk sac

START TIME : May 16, 1984 14:34
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 6 seconds
VOLUME : 60.9 cubic meters
METER : 98
SAMPLE : 7699

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 14:15
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 56 seconds
VOLUME : 75.4 cubic meters
METER : 94
SAMPLE : 7700

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 14:15
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 56 seconds
VOLUME : 74.1 cubic meters
METER : 61
SAMPLE : 7701

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.0	Larval
2	1	Yellow Perch	7.8	Larval
3	1	Percidae		Yolk sac
4	1	Walleye		Yolk sac

START TIME : May 16, 1984 10:14
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 58 seconds
VOLUME : 50.2 cubic meters
METER : 61
SAMPLE : 7702

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 09:56
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 10 minutes, 5 seconds
VOLUME : 32.7 cubic meters
METER : 61
SAMPLE : 7703

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.8	Larval
2	1	Yellow Perch	9.3	Larval

START TIME : May 16, 1984 09:30
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 19 minutes, 38 seconds
VOLUME : 72.4 cubic meters
METER : 61
SAMPLE : 7704

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.2	Yolk sac
2	1	Yellow Perch	7.3	Larval

START TIME : May 16, 1984 16:12
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 106.4 cubic meters
METER : 94
SAMPLE : 7705

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 16:12
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 131.7 cubic meters
METER : 61
SAMPLE : 7706

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 15:57
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 58 seconds
VOLUME : 47.1 cubic meters
METER : 94
SAMPLE : 7707

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch		Yolk sac

START TIME : May 16, 1984 15:57
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 58 seconds
VOLUME : 42.1 cubic meters
METER : 61
SAMPLE : 7708

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 16:53
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 18 seconds
VOLUME : 51.2 cubic meters
METER : 98
SAMPLE : 7709

NO CATCH FOR THIS COLLECTION

START TIME : May 16, 1984 17:04
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 6 seconds
VOLUME : 60.9 cubic meters
METER : 98
SAMPLE : 7710

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.8	Yolk sac

START TIME : May 16, 1984 17:22
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 61.9 cubic meters
METER : 98
SAMPLE : 7711

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 13:29
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 105.8 cubic meters
METER : 94
SAMPLE : 7718

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 13:51
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 14 seconds
VOLUME : 82.9 cubic meters
METER : 94
SAMPLE : 7719

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	8.6	Larval

START TIME : May 18, 1984 13:51
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 14 seconds
VOLUME : 83.7 cubic meters
METER : 61
SAMPLE : 7720

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 13:51
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 14 seconds
VOLUME : 102.3 cubic meters
METER : 98
SAMPLE : 7721

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 12:01
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 21 seconds
VOLUME : 53.6 cubic meters
METER : 98
SAMPLE : 7722

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.0	Yolk sac
2	1	Yellow Perch	7.0	Larval
3	1	Yellow Perch	8.0	Larval
4	1	Yellow Perch	8.2	Larval

START TIME : May 18, 1984 12:12
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 14 seconds
VOLUME : 60.4 cubic meters
METER : 98
SAMPLE : 7723

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.5	Yolk sac

START TIME : May 18, 1984 12:30
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 15 seconds
VOLUME : 53.0 cubic meters
METER : 98
SAMPLE : 7724

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 11:10
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 0 seconds
VOLUME : 31.8 cubic meters
METER : 98
SAMPLE : 7725

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 10:50
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 10 minutes, 0 seconds
VOLUME : 51.7 cubic meters
METER : 98
SAMPLE : 7726

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 10:30
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 0 seconds
VOLUME : 58.1 cubic meters
METER : 98
SAMPLE : 7727

NO CATCH FOR THIS COLLECTION

START TIME : May 18, 1984 13:41
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 56 seconds
VOLUME : 75.2 cubic meters
METER : 94
SAMPLE : 7728

NO CATCH FOR THIS COLLECTION

START TIME : May 21, 1984 14:15
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 19 minutes, 20 seconds
VOLUME : 176.2 cubic meters
METER : 61
SAMPLE : 7731

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	9.0	Yolk sac
2	1	Walleye	9.2	Yolk sac
3	1	Yellow Perch	7.0	Yolk sac
4	1	Yellow Perch	7.5	Yolk sac
5	1	Lepomis sp.	50.0	Juvenile

START TIME : May 21, 1984 14:43
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 51 seconds
VOLUME : 33.9 cubic meters
METER : 61
SAMPLE : 7732

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	10.1	Yolk sac
2	1	White Perch	3.9	Yolk sac

START TIME : May 21, 1984 15:00
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 16 seconds
VOLUME : 33.6 cubic meters
METER : 61
SAMPLE : 7733

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	8.6	Yolk sac

START TIME : May 21, 1984 19:03
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 1 seconds
VOLUME : 79.1 cubic meters
METER : 94
SAMPLE : 7734

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Percidae		Yolk sac

START TIME : May 21, 1984 19:27
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 58 seconds
VOLUME : 81.7 cubic meters
METER : 94
SAMPLE : 7735

NO CATCH FOR THIS COLLECTION

START TIME : May 21, 1984 19:27
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 55 seconds
VOLUME : 78.7 cubic meters
METER : 98
SAMPLE : 7736

NO CATCH FOR THIS COLLECTION

START TIME : May 21, 1984 19:27
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 55 seconds
VOLUME : 72.5 cubic meters
METER : 61
SAMPLE : 7737

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	8.5	Yolk sac
2	1	Walleye	8.1	Yolk sac

START TIME : May 21, 1984 19:15
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 73.6 cubic meters
METER : 94
SAMPLE : 7738

NO CATCH FOR THIS COLLECTION

START TIME : May 21, 1984 17:43
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 41 seconds
VOLUME : 11.1 cubic meters
METER : 98
SAMPLE : 7739

NO CATCH FOR THIS COLLECTION

START TIME : May 21, 1984 17:53
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 9 seconds
VOLUME : 55.5 cubic meters
METER : 98
SAMPLE : 7740

NO CATCH FOR THIS COLLECTION

START TIME : May 21, 1984 18:10
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 61.7 cubic meters
METER : 98
SAMPLE : 7741

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	8.0	Yolk sac
2	1	Walleye	8.3	Yolk sac

START TIME : May 21, 1984 15:32
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 19 minutes, 43 seconds
VOLUME : 190.0 cubic meters
METER : 61
SAMPLE : 7744

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	8.2	Yolk sac
2	1	Walleye	9.2	Yolk sac
3	1	Walleye	9.2	Yolk sac
4	1	Walleye	9.2	Yolk sac
5	1	Walleye	9.2	Yolk sac
6	1	Walleye	8.5	Yolk sac
7	1	Yellow Perch	5.9	Yolk sac
8	1	Yellow Perch		Yolk sac
9	1	White Perch	3.2	Yolk sac
10	1	White Perch		Yolk sac

START TIME : May 23, 1984 10:05
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 19 minutes, 54 seconds
VOLUME : 190.0 cubic meters
METER : 98
SAMPLE : 7759

REMARKS : Change time from 20 to 15 next time

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	5.1	Yolk sac
2	1	Yellow Perch	5.1	Yolk sac
3	1	Yellow Perch	5.7	Yolk sac
4	1	Yellow Perch	5.8	Yolk sac
5	1	Yellow Perch	5.7	Yolk sac
6	1	Yellow Perch	5.4	Yolk sac
7	1	Yellow Perch	5.4	Yolk sac
8	1	Yellow Perch	5.0	Yolk sac
9	1	Yellow Perch	5.1	Yolk sac
10	1	Walleye	6.8	Yolk sac
11	1	Walleye	8.0	Yolk sac
12	1	Walleye	7.4	Yolk sac
13	1	Walleye	8.0	Yolk sac
14	1	Walleye	8.0	Yolk sac
15	1	Walleye	7.7	Yolk sac
16	1	Walleye	9.0	Yolk sac
17	1	Walleye	8.0	Yolk sac
18	1	Walleye	8.0	Yolk sac
19	1	Walleye	8.0	Yolk sac
20	1	Walleye	8.2	Yolk sac
21	1	Walleye	8.2	Yolk sac
22	1	Walleye	7.7	Yolk sac
23	1	Walleye	8.2	Yolk sac
24	1	Walleye	7.6	Yolk sac
25	1	Walleye	8.8	Yolk sac
26	1	Walleye	8.0	Yolk sac
27	1	Walleye	7.7	Yolk sac
28	1	Walleye	8.0	Yolk sac
29	1	Walleye	8.0	Yolk sac
30	63	Walleye		Yolk sac

START TIME : May 23, 1984 10:46
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 57 seconds
VOLUME : 27.3 cubic meters
METER : 98
SAMPLE : 7760

REMARKS : Changed time from 10 to 15 min.

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	8.9	Yolk sac
2	1	Walleye	9.0	Yolk sac
3	1	Walleye	9.2	Yolk sac
4	1	Walleye	8.0	Yolk sac
5	1	Walleye	8.8	Yolk sac
6	1	Walleye	9.4	Yolk sac
7	1	Walleye	8.2	Yolk sac

START TIME : May 23, 1984 11:11
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 20 minutes, 6 seconds
VOLUME : 33.7 cubic meters
METER : 98
SAMPLE : 7761

REMARKS : Changed time from 15 min to 20 min

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	8.2	Yolk sac
2	1	Walleye	8.3	Yolk sac

START TIME : May 23, 1984 20:27
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 21 seconds
VOLUME : 37.7 cubic meters
METER : 98
SAMPLE : 7762

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	9.6	Yolk sac
2	1	Yellow Perch	7.3	Larval

START TIME : May 23, 1984 20:14
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 56.1 cubic meters
METER : 98
SAMPLE : 7763

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.8	Larval
2	1	Yellow Perch	5.5	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.5	Yolk sac

START TIME : May 23, 1984 19:40
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 43.6 cubic meters
METER : 98
SAMPLE : 7764

NO CATCH FOR THIS COLLECTION

START TIME : May 23, 1984 14:26
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 78.0 cubic meters
METER : 94
SAMPLE : 7765

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.4	Larval

START TIME : May 23, 1984 14:26
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 73.9 cubic meters
METER : 61
SAMPLE : 7766

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.5	Yolk sac

START TIME : May 23, 1984 14:45
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 79.4 cubic meters
METER : 94
SAMPLE : 7767

NO CATCH FOR THIS COLLECTION

START TIME : May 23, 1984 14:45
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 78.0 cubic meters
METER : 61
SAMPLE : 7768

NO CATCH FOR THIS COLLECTION

START TIME : May 23, 1984 14:45
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 98
SAMPLE : 7769

REMARKS : Too shallow, cancel run

START TIME : May 23, 1984 15:06
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 84.2 cubic meters
METER : 94
SAMPLE : 7770

NO CATCH FOR THIS COLLECTION

START TIME : May 23, 1984 15:06
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7771

REMARKS : Too shallow

START TIME : May 23, 1984 16:38
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 83.6 cubic meters
METER : 94
SAMPLE : 7772

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.4	Yolk sac
2	1	Yellow Perch		Yolk sac

START TIME : May 23, 1984 16:38
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7773

REMARKS : Too shallow

START TIME : May 23, 1984 15:36
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 61.6 cubic meters
METER : 94
SAMPLE : 7774

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.8	Larval
2	1	Walleye	9.5	Yolk sac
3	1	Walleye	8.4	Yolk sac

START TIME : May 23, 1984 15:36
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7775

REMARKS : Too shallow

START TIME : May 25, 1984
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7790

NO CATCH FOR THIS COLLECTION

START TIME : May 25, 1984
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7791

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.0	Yolk sac

START TIME : May 25, 1984 11:45
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 66.4 cubic meters
METER : 94
SAMPLE : 7792

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.8	Indeterminate
2	1	White Perch	2.5	Indeterminate
3	1	White Perch	2.8	Indeterminate
4	1	White Perch	2.8	Indeterminate

START TIME : May 25, 1984 12:00
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 26 seconds
VOLUME : 67.8 cubic meters
METER : 94
SAMPLE : 7793

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Indeterminate

START TIME : May 25, 1984 12:00
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 26 seconds
VOLUME : 61.1 cubic meters
METER : 98
SAMPLE : 7794

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.4	Yolk sac

START TIME : May 25, 1984 12:00
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 33 seconds
VOLUME : 60.7 cubic meters
METER : 61
SAMPLE : 7795

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	7.7	Larval
2	1	Yellow Perch	7.8	Larval

START TIME : May 25, 1984 12:16
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 56.9 cubic meters
METER : 94
SAMPLE : 7796

NO CATCH FOR THIS COLLECTION

START TIME : May 25, 1984 11:00
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 0 seconds
VOLUME : 115.5 cubic meters
METER : 98
SAMPLE : 7816

Fish ID	Number of fish	Species	Length (mm)	Life stage
2	1	Walleye	8.6	Yolk sac
3	1	Walleye	8.0	Yolk sac
4	1	Walleye	9.1	Yolk sac
5	1	Walleye	8.8	Yolk sac
6	1	Walleye	9.0	Yolk sac
7	1	Walleye	8.5	Yolk sac
8	1	Walleye	8.6	Yolk sac
9	1	Walleye	8.8	Yolk sac
10	1	Walleye	8.8	Yolk sac
11	1	Walleye	8.3	Yolk sac
12	1	Walleye	8.8	Yolk sac
13	1	Walleye	8.5	Yolk sac
14	1	Walleye	8.0	Yolk sac
15	1	Walleye	8.5	Yolk sac

START TIME : May 25, 1984 10:36
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 56 seconds
VOLUME : 30.6 cubic meters
METER : 98
SAMPLE : 7817

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	9.0	Yolk sac
2	1	Walleye	8.5	Yolk sac
3	1	Yellow Perch	9.2	Yolk sac
4	1	Yellow Perch	9.2	Yolk sac

START TIME : May 25, 1984 10:16
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 45 seconds
VOLUME : 24.3 cubic meters
METER : 98
SAMPLE : 7818

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	7.2	Yolk sac
2	1	Walleye	8.5	Yolk sac
3	1	Walleye	9.2	Yolk sac
4	1	Yellow Perch	6.7	Yolk sac

START TIME : May 25, 1984
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 98
SAMPLE : 7819

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	9.8	Yolk sac

START TIME : May 29, 1984 15:30
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 30.9 cubic meters
METER : 98
SAMPLE : 7798

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.0	Yolk sac
2	1	Catostomus sp.	14.0	Yolk sac
3	1	Catostomus sp.	15.4	Yolk sac
4	1	White Perch	2.7	Yolk sac
5	1	White Perch	3.4	Yolk sac
6	4	White Perch		Yolk sac

START TIME : May 29, 1984 15:05
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 37.6 cubic meters
METER : 98
SAMPLE : 7799

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.2	Larval
2	1	Catostomus sp.	14.6	Larval
3	1	Catostomus sp.	15.2	Larval
4	1	Catostomus sp.	13.0	Larval
5	1	Walleye	9.0	Yolk sac
6	1	White Perch	2.8	Yolk sac
7	1	White Perch	3.0	Yolk sac
8	1	Golden Shiner	4.6	Yolk sac
9	1	Golden Shiner	3.8	Yolk sac
10	1	Golden Shiner		Yolk sac
11	2	White Perch		Yolk sac
12	1	Yellow Perch	6.2	Yolk sac

START TIME : May 29, 1984 14:50
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 2 minutes, 13 seconds
VOLUME : 23.1 cubic meters
METER : 98
SAMPLE : 7800

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	9.3	Yolk sac
2	1	Catostomus sp.	15.5	Larval
3	1	Catostomus sp.	13.2	Larval
4	1	Catostomus sp.		Larval

START TIME : May 29, 1984 16:25
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 55 seconds
VOLUME : 107.9 cubic meters
METER : 98
SAMPLE : 7801

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	I	Catostomus sp.	13.0	Larval
2	1	Catostomus sp.	13.5	Larval
3	1	Catostomus sp.	13.7	Larval
4	1	Catostomus sp.	13.1	Larval
5	1	Catostomus sp.	14.0	Larval
6	1	Catostomus sp.	13.0	Larval
7	1	Catostomus sp.	13.2	Larval
8	1	Catostomus sp.	13.4	Larval
9	1	Catostomus sp.	13.6	Larval
10	1	Catostomus sp.	14.4	Larval
11	20	Catostomus spp.		Larval
12	1	Walleye	8.3	Yolk sac
13	1	Walleye	9.0	Yolk sac
14	1	Walleye	9.7	Yolk sac
15	1	White Perch	3.0	Yolk sac
16	1	White Perch	3.1	Yolk sac

START TIME : May 29, 1984 16:47
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 53 seconds
VOLUME : 30.8 cubic meters
METER : 98
SAMPLE : 7802

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.8	Indeterminate
2	1	Catostomus sp.	13.9	Indeterminate
3	1	Catostomus sp.	13.9	Indeterminate
4	1	Catostomus sp.	14.2	Indeterminate
5	1	Catostomus sp.	11.0	Indeterminate
6	1	Catostomus sp.	14.0	Indeterminate
7	1	White Perch	2.9	Indeterminate
8	1	White Perch	2.5	Indeterminate
9	1	White Perch	3.0	Indeterminate
31	1	Catostomus sp.	13.0	Yolk sac
32	1	Catostomus sp.	13.2	Yolk sac
33	1	Catostomus sp.	14.0	Yolk sac
34	1	Catostomus sp.	14.2	Yolk sac
35	1	Catostomus sp.	13.0	Yolk sac
36	1	Catostomus sp.	14.0	Yolk sac
37	1	Walleye	9.0	Yolk sac
38	1	Walleye	10.0	Yolk sac
39	1	White Perch	2.8	Yolk sac
40	1	White Perch	3.0	Yolk sac

START TIME : May 29, 1984 17:00
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 1 seconds
VOLUME : 20.0 cubic meters
METER : 98
SAMPLE : 7803

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.0	Yolk sac
2	1	Catostomus sp.	13.5	Larval

START TIME : May 29, 1984 18:12
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 62.1 cubic meters
METER : 94
SAMPLE : 7804

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.0	Yolk sac
2	1	Catostomus sp.	14.0	Yolk sac
3	1	Catostomus sp.	14.2	Yolk sac
4	1	Catostomus sp.	14.7	Yolk sac
5	1	Catostomus sp.	12.8	Yolk sac
6	1	Catostomus sp.	13.3	Yolk sac
7	1	Catostomus sp.	13.2	Yolk sac
8	1	Catostomus sp.		Yolk sac
9	1	Catostomus sp.	14.3	Yolk sac
10	1	Catostomus sp.	13.2	Yolk sac
11	1	White Perch	2.9	Yolk sac
12	1	White Perch	2.8	Yolk sac
13	1	White Perch	2.8	Yolk sac
14	1	White Perch	2.9	Yolk sac
15	1	White Perch		Yolk sac
16	1	White Perch		Yolk sac
17	1	White Perch	2.7	Yolk sac
18	1	Percidae	6.5	Yolk sac

START TIME : May 29, 1984 18:30
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 54 seconds
VOLUME : 54.7 cubic meters
METER : 94
SAMPLE : 7805

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.0	Larval
2	1	Catostomus sp.	14.0	Larval
3	1	Catostomus sp.	14.0	Larval
4	1	Catostomus sp.	14.0	Larval
5	1	Catostomus sp.	15.0	Larval
6	1	White Perch	2.8	Yolk sac
7	1	White Perch	3.0	Yolk sac
8	1	White Perch	3.3	Yolk sac

START TIME : May 29, 1984 18:30
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 48 seconds
VOLUME : 30.2 cubic meters
METER : 61
SAMPLE : 7806

REMARKS : High flows

NO CATCH FOR THIS COLLECTION

START TIME : May 29, 1984 18:30
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 50 seconds
VOLUME : 9.2 cubic meters
METER : 98
SAMPLE : 7807

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.2	Larval
2	1	Catostomus sp.	13.4	Larval
3	2	Catostomus spp.		Larval

START TIME : May 29, 1984 18:53
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 58 seconds
VOLUME : 70.6 cubic meters
METER : 94
SAMPLE : 7808

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.2	Larval
2	1	Catostomus sp.	14.2	Larval
3	1	Catostomus sp.	14.2	Larval
4	1	Catostomus sp.	13.0	Larval
5	1	Catostomus sp.	13.5	Larval
6	1	Catostomus sp.		Larval
7	1	White Perch	2.6	Yolk sac
8	1	Yellow Perch	5.6	Yolk sac

START TIME : May 29, 1984 18:12
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 47.7 cubic meters
METER : 61
SAMPLE : 7809

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.0	Indeterminate
2	1	Catostomus sp.	14.5	Indeterminate
3	1	Catostomus sp.	15.0	Indeterminate
4	1	Catostomus sp.	14.8	Indeterminate
5	1	Catostomus sp.	14.2	Indeterminate
6	1	Catostomus sp.		Indeterminate
7	1	Catostomus sp.		Indeterminate
8	1	Catostomus sp.	14.2	Indeterminate
9	1	Catostomus sp.	13.7	Indeterminate
10	1	Catostomus sp.		Indeterminate
11	1	Yellow Perch	4.8	Indeterminate
12	1	Yellow Perch	7.2	Indeterminate
13	1	White Perch	2.9	Indeterminate
14	1	White Perch	3.0	Indeterminate
15	1	White Perch		Indeterminate

START TIME : May 29, 1984 18:53
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 58 seconds
VOLUME : 33.9 cubic meters
METER : 61
SAMPLE : 7810

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	11.3	Yolk sac
2	1	Catostomus sp.	13.2	Yolk sac
3	1	Catostomus sp.		Yolk sac
4	1	Catostomus sp.		Yolk sac
5	1	Catostomus sp.		Yolk sac
6	1	White Perch	2.6	Yolk sac
7	1	White Perch	2.8	Yolk sac

START TIME : May 29, 1984 19:10
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 62.1 cubic meters
METER : 94
SAMPLE : 7811

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
2	1	Catostomus sp.	12.8	Larval
3	1	Catostomus sp.	12.3	Larval
4	1	Catostomus sp.	13.4	Larval
5	1	Catostomus sp.	13.1	Larval
6	1	Catostomus sp.	14.0	Larval
7	1	Catostomus sp.	13.1	Larval
8	1	Catostomus sp.	12.3	Larval
9	1	Catostomus sp.	13.7	Larval
10	1	Catostomus sp.	12.3	Larval
11	1	Catostomus sp.	13.1	Larval
12	1	White Perch	2.4	Yolk sac
13	1	White Perch	2.5	Yolk sac
14	1	White Perch	2.7	Yolk sac
15	1	White Perch	3.0	Yolk sac

START TIME : May 29, 1984 19:10
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 40.0 cubic meters
METER : 61
SAMPLE : 7812

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	10.5	Yolk sac
2	1	Catostomus sp.	12.0	Yolk sac
3	1	Catostomus sp.	13.3	Yolk sac
4	1	Catostomus sp.	14.0	Yolk sac
5	3	Catostomus spp.		Yolk sac
6	1	White Perch	2.6	Yolk sac

START TIME : May 29, 1984 19:25
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 39.6 cubic meters
METER : 94
SAMPLE : 7813

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.2	Larval
2	1	Catostomus sp.	14.2	Larval
3	1	Catostomus sp.	14.7	Larval
4	1	Catostomus sp.	13.2	Larval
5	1	Catostomus sp.	13.4	Larval
6	1	Catostomus sp.	13.8	Larval
7	1	White Perch	3.1	Yolk sac
8	1	White Perch	3.2	Yolk sac
9	1	White Perch	3.3	Yolk sac
10	2	White Perch		Yolk sac
11	1	White Perch	2.5	Yolk sac
12	1	White Perch	3.1	Yolk sac

START TIME : May 29, 1984 19:25
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 57 seconds
VOLUME : 18.3 cubic meters
METER : 61
SAMPLE : 7814

REMARKS : High flows

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Yolk sac
2	1	White Perch	2.6	Yolk sac
3	1	White Perch	2.8	Yolk sac

START TIME : June 1, 1984 12:22
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 19 minutes, 59 seconds
VOLUME : 87.2 cubic meters
METER : 98
SAMPLE : 7821

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	112	Catostomus spp.		Larval
2	1	Catostomus sp.	13.1	Larval
3	1	Catostomus sp.	13.7	Larval
4	1	Catostomus sp.	13.7	Larval
5	1	Catostomus sp.	12.5	Larval
6	1	Catostomus sp.	12.5	Larval
7	1	Catostomus sp.	13.7	Larval
8	1	Catostomus sp.	12.2	Larval
9	1	Catostomus sp.	12.8	Larval
10	1	Catostomus sp.	14.5	Larval
11	1	Catostomus sp.	13.7	Larval
12	1	Catostomus sp.	13.1	Larval
13	1	Catostomus sp.	13.1	Larval
14	1	Catostomus sp.	14.0	Larval
15	1	Catostomus sp.	13.9	Larval
16	1	Catostomus sp.	13.7	Larval
17	1	Catostomus sp.	14.0	Larval
18	1	Catostomus sp.	13.7	Larval
19	1	Catostomus sp.	13.7	Larval
20	1	Catostomus sp.	14.0	Larval
21	1	Catostomus sp.	13.9	Larval
22	1	Catostomus sp.	14.0	Larval
23	1	Catostomus sp.	14.0	Larval
24	1	Catostomus sp.	14.3	Larval
25	1	Catostomus sp.	14.2	Larval
26	1	Catostomus sp.	14.0	Larval
27	1	Catostomus sp.	13.7	Larval
28	1	Catostomus sp.	12.5	Larval
29	1	Catostomus sp.	13.7	Larval
30	1	Catostomus sp.	14.2	Larval

START TIME : June 1, 1984 11:55
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 10 minutes, 6 seconds
VOLUME : 35.6 cubic meters
METER : 98
SAMPLE : 7822

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	12.2	Yolk sac
2	1	Catostomus sp.	12.3	Yolk sac
3	1	Catostomus sp.	14.1	Yolk sac
4	1	Catostomus sp.	14.1	Yolk sac
5	1	Catostomus sp.	14.3	Yolk sac
6	1	Catostomus sp.	14.5	Yolk sac

START TIME : June 1, 1984 11:38
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 6 seconds
VOLUME : 54.0 cubic meters
METER : 98
SAMPLE : 7823

NO CATCH FOR THIS COLLECTION

START TIME : June 1, 1984 14:45
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 59 seconds
VOLUME : 39.8 cubic meters
METER : 94
SAMPLE : 7824

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	11.2	Yolk sac
2	1	Catostomus sp.	15.0	Yolk sac
3	1	Catostomus sp.		Yolk sac
4	1	Catostomus sp.	14.0	Yolk sac
5	1	Catostomus sp.	14.0	Yolk sac
6	1	Catostomus sp.		Yolk sac
7	1	Catostomus sp.	11.0	Yolk sac
8	1	Catostomus sp.		Yolk sac
9	1	Catostomus sp.	14.0	Yolk sac
10	1	Catostomus sp.	13.5	Yolk sac
11	1	Catostomus sp.	14.2	Yolk sac
12	1	Catostomus sp.	14.0	Yolk sac
13	1	Catostomus sp.	14.0	Yolk sac
14	12	Catostomus spp.		Yolk sac

START TIME : June 1, 1984 15:06
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 3 seconds
VOLUME : 38.8 cubic meters
METER : 94
SAMPLE : 7825

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	12.5	Yolk sac
2	1	Catostomus sp.	14.0	Yolk sac

START TIME : June 1, 1984 15:06
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 50 seconds
VOLUME : 34.2 cubic meters
METER : 98
SAMPLE : 7826

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.0	Yolk sac

START TIME : June 1, 1984 15:06
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 50 seconds
VOLUME : 16.3 cubic meters
METER : 61
SAMPLE : 7827

NO CATCH FOR THIS COLLECTION

START TIME : June 1, 1984 14:55
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 55.8 cubic meters
METER : 94
SAMPLE : 7828

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.9	Yolk sac
2	1	Catostomus sp.	13.0	Yolk sac
3	1	Catostomus sp.	14.7	Yolk sac
4	1	Catostomus sp.	14.4	Yolk sac

START TIME : June 1, 1984
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7829

REMARKS : Not collected

START TIME : June 1, 1984
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7830

REMARKS : Not collected

START TIME : June 1, 1984
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7831

REMARKS : Not collected

START TIME : June 4, 1984 14:00
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 72.5 cubic meters
METER : 94
SAMPLE : 7839

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	5.0	Yolk sac
2	1	Cyprinidae	4.5	Yolk sac
3	1	Cyprinidae	4.8	Yolk sac

START TIME : June 4, 1984 15:05
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 10 minutes, 4 seconds
VOLUME : 123.8 cubic meters
METER : 98
SAMPLE : 7840

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.5	Larval
2	1	Catostomus sp.	14.8	Larval
3	1	Catostomus sp.	15.0	Larval
4	1	Catostomus sp.	15.2	Larval
5	1	Catostomus sp.	15.2	Larval
6	2	Catostomus spp.		Larval
7	1	Cyprinidae		Yolk sac

START TIME : June 4, 1984 15:25
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 10 minutes, 20 seconds
VOLUME : 32.4 cubic meters
METER : 98
SAMPLE : 7841

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.0	Larval
2	1	Catostomus sp.	15.4	Larval
3	1	Catostomus sp.	14.8	Larval

START TIME : June 4, 1984 15:43
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 20 minutes, 28 seconds
VOLUME : 61.0 cubic meters
METER : 98
SAMPLE : 7842

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	6.2	Yolk sac

START TIME : June 4, 1984 13:30
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 77.0 cubic meters
METER : 94
SAMPLE : 8470

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	11.4	Larval
2	1	White Perch	4.9	Larval
3	1	Cyprinidae	4.9	Yolk sac
4	1	Cyprinidae	5.4	Yolk sac

START TIME : June 4, 1984 13:45
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 68.0 cubic meters
METER : 94
SAMPLE : 8471

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Golden Shiner	4.5	Yolk sac
2	1	Percidae	5.5	Yolk sac

START TIME : June 4, 1984
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 28.3 cubic meters
METER : 61
SAMPLE : 8472

REMARKS : Meter forced - end meter reading questionable

NO CATCH FOR THIS COLLECTION

START TIME : June 4, 1984
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 41.9 cubic meters
METER : 98
SAMPLE : 8473

NO CATCH FOR THIS COLLECTION

START TIME : June 6, 1984 16:20
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 3 seconds
VOLUME : 88.7 cubic meters
METER : 98
SAMPLE : 7843

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	10.8	Larval

START TIME : June 6, 1984 16:36
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 66.1 cubic meters
METER : 94
SAMPLE : 7844

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	14.2	Larval
2	1	Catostomus sp.	15.6	Larval

START TIME : June 6, 1984 16:36
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 65.9 cubic meters
METER : 98
SAMPLE : 7845

NO CATCH FOR THIS COLLECTION

START TIME : June 6, 1984 16:36
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 34.1 cubic meters
METER : 61
SAMPLE : 7846

NO CATCH FOR THIS COLLECTION

START TIME : June 6, 1984 16:56
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 10 seconds
VOLUME : 61.7 cubic meters
METER : 94
SAMPLE : 7847

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	5.4	Yolk sac

START TIME : June 6, 1984 16:56
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 10 seconds
VOLUME : 55.7 cubic meters
METER : 98
SAMPLE : 7848

NO CATCH FOR THIS COLLECTION

START TIME : June 6, 1984 17:12
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 63.9 cubic meters
METER : 94
SAMPLE : 7849

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	10.2	Larval

START TIME : June 6, 1984 17:12
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 67.0 cubic meters
METER : 98
SAMPLE : 7850

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	12.5	Larval
2	1	Cyprinidae	4.6	Yolk sac

START TIME : June 6, 1984 17:26
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 72.3 cubic meters
METER : 94
SAMPLE : 7851

NO CATCH FOR THIS COLLECTION

START TIME : June 6, 1984 17:26
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 98
SAMPLE : 7852

REMARKS : Too shallow

START TIME : June 6, 1984
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7853

REMARKS : No access to downstream

START TIME : June 6, 1984
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7854

REMARKS : No access to downstream

START TIME : June 6, 1984
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7855

REMARKS : No access to downstream

START TIME : June 6, 1984 12:52
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 15 seconds
VOLUME : 131.2 cubic meters
METER : 98
SAMPLE : 7898

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	15.0	Larval
2	1	Catostomus sp.	15.5	Larval
3	1	Catostomus sp.	15.5	Larval
4	1	Yellow Perch	6.3	Larval
5	1	Cyprinidae	5.8	Larval
6	1	Cyprinidae		Larval

START TIME : June 6, 1984 12:27
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 12 seconds
VOLUME : 93.7 cubic meters
METER : 98
SAMPLE : 7899

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	4.4	Yolk sac

START TIME : June 6, 1984 11:43
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 6 seconds
VOLUME : 36.2 cubic meters
METER : 98
SAMPLE : 7900

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	5.5	Yolk sac

START TIME : June 6, 1984 16:20
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 3 seconds
VOLUME : 92.5 cubic meters
METER : 94
SAMPLE : 7901

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	13.1	Larval

START TIME : June 8, 1984 08:30
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 40 seconds
VOLUME : 102.4 cubic meters
METER : 61
SAMPLE : 7858

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	13.8	Larval
2	1	Catostomus sp.	15.1	Larval
3	1	Catostomus sp.	15.2	Larval
4	1	Catostomus sp.	16.5	Larval
5	1	Catostomus sp.	15.8	Larval
6	1	Catostomus sp.		Larval
7	1	Catostomus sp.	14.5	Larval
8	1	Yellow Perch	13.0	Larval
9	1	Percidae	6.2	Yolk sac
10	2	Cyprinidae		Yolk sac

START TIME : June 8, 1984 09:00
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 5 seconds
VOLUME : 30.9 cubic meters
METER : 61
SAMPLE : 7859

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Yellow Perch	14.3	Larval

START TIME : June 8, 1984 09:30
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 15 minutes, 5 seconds
VOLUME : 8.7 cubic meters
METER : 61
SAMPLE : 7860

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	5.1	Yolk sac

START TIME : June 8, 1984 10:30
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 78.4 cubic meters
METER : 94
SAMPLE : 7861

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	6.2	Yolk sac

START TIME : June 8, 1984 10:30
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 12 seconds
VOLUME : 73.2 cubic meters
METER : 94
SAMPLE : 7862

NO CATCH FOR THIS COLLECTION

START TIME : June 8, 1984 10:30
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 12 seconds
VOLUME : 50.9 cubic meters
METER : 61
SAMPLE : 7863

NO CATCH FOR THIS COLLECTION

START TIME : June 8, 1984 10:30
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 12 seconds
VOLUME : 26.8 cubic meters
METER : 98
SAMPLE : 7864

NO CATCH FOR THIS COLLECTION

START TIME : June 8, 1984 11:07
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 10 seconds
VOLUME : 77.6 cubic meters
METER : 94
SAMPLE : 7865

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.		Larval
2	1	Catostomus sp.	15.3	Larval

START TIME : June 8, 1984
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 98
SAMPLE : 7866

REMARKS : Not sampled, flows too high

START TIME : June 8, 1984 12:34
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 55 seconds
VOLUME : 37.0 cubic meters
METER : 98
SAMPLE : 7867

REMARKS : 1 wire of bridle broken during haul - volume not accurate

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Walleye	11.0	Larval

START TIME : June 8, 1984 12:12
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 50.0 cubic meters
METER : 98
SAMPLE : 7868

NO CATCH FOR THIS COLLECTION

START TIME : June 11, 1984 16:25
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 74.3 cubic meters
METER : 61
SAMPLE : 7871

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.3	Yolk sac
2	1	White Perch	3.0	Yolk sac
3	1	White Perch	3.0	Yolk sac

START TIME : June 11, 1984 16:35
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 79.1 cubic meters
METER : 61
SAMPLE : 7872

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.7	Yolk sac
2	1	White Perch	2.8	Yolk sac
3	1	White Perch	3.0	Yolk sac
4	1	White Perch	3.0	Yolk sac
5	1	White Perch	3.4	Yolk sac
6	1	White Perch	3.5	Yolk sac
7	1	White Perch	3.5	Yolk sac

START TIME : June 11, 1984 16:35
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 91.4 cubic meters
METER : 94
SAMPLE : 7873

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.8	Yolk sac
2	1	White Perch	3.1	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.5	Yolk sac
6	1	White Perch	2.4	Yolk sac
7	1	White Perch	3.7	Yolk sac

START TIME : June 11, 1984 16:35
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 67.4 cubic meters
METER : 98
SAMPLE : 7874

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.7	Yolk sac
2	1	White Perch		Yolk sac
3	1	White Perch	3.2	Yolk sac
4	1	White Perch		Yolk sac
5	1	White Perch		Yolk sac

START TIME : June 11, 1984 16:55
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 79.6 cubic meters
METER : 61
SAMPLE : 7875

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Yolk sac
2	1	White Perch	3.5	Yolk sac
3	1	White Perch		Yolk sac

START TIME : June 11, 1984 14:40
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 56 seconds
VOLUME : 8.8 cubic meters
METER : 98
SAMPLE : 7876

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.1	Yolk sac
2	1	White Perch	3.1	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.6	Yolk sac
5	1	White Perch	4.0	Yolk sac
6	2	White Perch		Yolk sac
7	1	White Perch	2.5	Yolk sac
8	1	White Perch	2.7	Yolk sac
9	1	White Perch	3.0	Yolk sac

START TIME : June 11, 1984 15:10
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 59 seconds
VOLUME : 24.0 cubic meters
METER : 98
SAMPLE : 7877

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.6	Yolk sac

START TIME : June 11, 1984 15:30
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 54 seconds
VOLUME : 139.6 cubic meters
METER : 98
SAMPLE : 7878

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.3	Yolk sac

START TIME : June 11, 1984
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7879

REMARKS : No sample taken, too much water

START TIME : June 11, 1984 16:10
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 20 seconds
VOLUME : 64.6 cubic meters
METER : 98
SAMPLE : 7880

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.7	Yolk sac
4	4	White Perch		Yolk sac

START TIME : June 11, 1984 17:50
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 17 seconds
VOLUME : 57.1 cubic meters
METER : 98
SAMPLE : 7881

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.9	Yolk sac
2	1	White Perch	3.2	Yolk sac

START TIME : June 13, 1984 15:40
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 51.6 cubic meters
METER : 98
SAMPLE : 7903

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac

START TIME : June 13, 1984 16:02
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 58.7 cubic meters
METER : 98
SAMPLE : 7904

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.0	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	3.6	Yolk sac
6	1	White Perch	3.8	Yolk sac
7	2	White Perch		Yolk sac

START TIME : June 13, 1984 16:12
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 56.8 cubic meters
METER : 98
SAMPLE : 7905

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.6	Yolk sac
2	1	White Perch	2.6	Yolk sac
3	1	White Perch	3.1	Yolk sac
4	1	White Perch	3.8	Yolk sac
5	1	White Perch		Indeterminate

START TIME : June 13, 1984 10:22
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 58 seconds
VOLUME : 74.9 cubic meters
METER : 61
SAMPLE : 7906

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.7	Yolk sac
2	1	White Perch	3.1	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	3.4	Yolk sac
6	2	White Perch		Yolk sac

START TIME : June 13, 1984 10:22
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 58 seconds
VOLUME : 83.4 cubic meters
METER : 94
SAMPLE : 7907

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Yolk sac
2	1	White Perch	3.0	Yolk sac
3	1	White Perch	3.0	Yolk sac
4	1	White Perch	3.3	Yolk sac
5	1	White Perch	3.1	Yolk sac
6	1	White Perch	3.5	Yolk sac
7	1	White Perch	3.1	Yolk sac
8	1	White Perch	3.1	Yolk sac
9	1	White Perch	2.6	Yolk sac
10	1	White Perch	3.4	Yolk sac
11	1	White Perch	3.4	Yolk sac
12	1	White Perch	3.1	Yolk sac
13	1	White Perch	2.9	Yolk sac
14	1	White Perch	3.4	Yolk sac
15	1	White Perch	3.3	Yolk sac
16	1	White Perch	2.5	Yolk sac
17	1	White Perch	3.1	Yolk sac
18	1	White Perch	3.1	Yolk sac
19	1	White Perch	3.1	Yolk sac
20	1	White Perch	2.7	Yolk sac
21	1	White Perch	3.1	Yolk sac
22	1	White Perch	3.2	Yolk sac
23	1	White Perch	2.9	Yolk sac
24	1	White Perch	3.3	Yolk sac
25	1	White Perch	3.0	Yolk sac
26	1	White Perch	3.1	Yolk sac
27	1	White Perch	3.1	Yolk sac
28	1	White Perch	3.0	Yolk sac
29	1	White Perch	3.0	Yolk sac
30	1	White Perch	3.2	Yolk sac
31	2	White Perch		Yolk sac

START TIME : June 13, 1984 10:35
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 2 seconds
VOLUME : 86.0 cubic meters
METER : 61
SAMPLE : 7908

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	6	White Perch		Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.7	Yolk sac
5	1	White Perch	3.7	Yolk sac
6	1	White Perch	3.8	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.6	Yolk sac
10	1	White Perch	3.7	Yolk sac
11	1	White Perch		Egg

START TIME : June 13, 1984 10:35
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 2 seconds
VOLUME : 93.3 cubic meters
METER : 94
SAMPLE : 7909

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.0	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.6	Yolk sac
6	1	White Perch	3.2	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.5	Yolk sac
10	1	White Perch	3.7	Yolk sac
11	10	White Perch		Yolk sac
12	1	Cyprinidae	5.0	Yolk sac

START TIME : June 13, 1984 07:55
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 45.8 cubic meters
METER : 98
SAMPLE : 7910

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.7	Yolk sac
2	1	White Perch	3.0	Yolk sac
3	1	White Perch	3.2	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	5.5	Yolk sac
6	1	White Perch	3.0	Yolk sac
7	1	White Perch	3.2	Yolk sac
8	1	White Perch	3.3	Yolk sac
9	1	White Perch	3.5	Yolk sac
10	1	White Perch	3.6	Yolk sac
11	3	White Perch		Yolk sac

START TIME : June 13, 1984 08:03
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 58 seconds
VOLUME : 15.8 cubic meters
METER : 98
SAMPLE : 7911

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.7	Yolk sac
3	1	White Perch	3.7	Yolk sac

START TIME : June 13, 1984 08:24
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 14 minutes, 59 seconds
VOLUME : 2.6 cubic meters
METER : 98
SAMPLE : 7912

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomidae	6.0	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.4	Yolk sac

START TIME : June 13, 1984 09:30
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 2 seconds
VOLUME : 69.9 cubic meters
METER : 61
SAMPLE : 7913

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.3	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.4	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.8	Yolk sac
6	1	White Perch	2.4	Yolk sac
7	1	White Perch	2.9	Yolk sac
8	1	White Perch	3.1	Yolk sac
9	1	White Perch	3.3	Yolk sac
10	1	White Perch	3.5	Yolk sac
11	2	White Perch		Yolk sac

START TIME : June 13, 1984 09:30
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 2 seconds
VOLUME : 74.4 cubic meters
METER : 94
SAMPLE : 7914

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.4	Yolk sac
2	1	White Perch	2.6	Yolk sac
3	1	White Perch	3.2	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	3.6	Yolk sac
6	1	White Perch	2.7	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.6	Yolk sac
9	1	White Perch	3.6	Yolk sac
10	1	White Perch	3.7	Yolk sac
11	1	White Perch	2.5	Yolk sac
12	1	White Perch	3.8	Yolk sac
13	22	White Perch		Yolk sac
14	1	Cyprinidae	4.8	Yolk sac

START TIME : June 13, 1984 09:40
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 15 seconds
VOLUME : 88.4 cubic meters
METER : 61
SAMPLE : 7915

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.9	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.7	Yolk sac
6	1	White Perch	3.3	Yolk sac
7	1	White Perch	3.5	Yolk sac
8	1	White Perch	3.6	Yolk sac
9	1	White Perch	3.8	Yolk sac
10	1	White Perch	3.9	Yolk sac
11	10	White Perch		Yolk sac
12	1	Cyprinidae	4.2	Yolk sac

START TIME : June 13, 1984 09:40
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 93.6 cubic meters
METER : 94
SAMPLE : 7916

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.6	Yolk sac
6	1	White Perch	3.6	Yolk sac
7	1	White Perch	3.6	Yolk sac
8	1	White Perch	3.2	Yolk sac
9	1	White Perch	3.3	Yolk sac
10	1	White Perch	3.5	Yolk sac
11	1	White Perch	3.5	Yolk sac
12	1	White Perch	3.7	Yolk sac

START TIME : June 13, 1984 09:40
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 88.1 cubic meters
METER : 98
SAMPLE : 7917

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	Golden Shiner	4.7	Yolk sac
3	1	White Perch	3.0	Yolk sac
4	1	White Perch	3.3	Yolk sac
5	1	White Perch	3.4	Yolk sac
6	1	White Perch	3.4	Yolk sac
7	1	White Perch	3.7	Yolk sac
8	1	White Perch	2.6	Yolk sac
9	1	White Perch	3.0	Yolk sac
10	1	White Perch	3.0	Yolk sac
11	1	White Perch	3.3	Yolk sac
12	1	White Perch	3.9	Yolk sac
13	1	White Perch	4.2	Larval
14	10	White Perch		Yolk sac

START TIME : June 13, 1984 10:00
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 55 seconds
VOLUME : 81.0 cubic meters
METER : 61
SAMPLE : 7918

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.2	Yolk sac
3	1	White Perch		Yolk sac
4	1	Cyprinidae	5.0	Yolk sac

START TIME : June 13, 1984 10:00
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 55 seconds
VOLUME : 87.6 cubic meters
METER : 94
SAMPLE : 7919

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.9	Yolk sac
2	1	White Perch	3.1	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.3	Yolk sac
5	1	White Perch	3.5	Yolk sac
6	1	White Perch	2.9	Yolk sac
7	1	White Perch	3.2	Yolk sac
8	1	White Perch	3.3	Yolk sac
9	1	White Perch	3.4	Yolk sac
10	1	White Perch	3.7	Yolk sac
11	5	White Perch		Yolk sac
12	1	Cyprinidae	4.8	Yolk sac

START TIME : June 15, 1984 12:38
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 69.2 cubic meters
METER : 61
SAMPLE : 7943

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.3	Yolk sac
2	1	White Perch	2.7	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.6	Yolk sac
6	1	White Perch	3.1	Yolk sac
7	1	White Perch	3.3	Yolk sac
8	1	White Perch	3.7	Yolk sac
9	1	White Perch	3.7	Yolk sac
10	1	White Perch	2.5	Yolk sac
11	2	White Perch		Yolk sac
12	1	Cyprinidae	4.1	Yolk sac
13	1	Notropis sp.	5.3	Yolk sac
14	1	Notropis sp.	5.5	Yolk sac

START TIME : June 15, 1984
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 2 seconds
VOLUME : 76.6 cubic meters
METER : 61
SAMPLE : 7944

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.4	Yolk sac
4	1	White Perch	3.7	Yolk sac
5	1	White Perch	3.7	Yolk sac
6	1	White Perch	3.4	Yolk sac
7	1	White Perch	3.6	Yolk sac
8	1	White Perch	3.7	Yolk sac
9	5	White Perch		Yolk sac
10	1	Notropis sp.	5.0	Yolk sac
11	1	Notropis sp.	5.0	Yolk sac
12	1	Notropis sp.	5.3	Yolk sac
13	1	Notropis sp.	5.3	Yolk sac
14	1	Notropis sp.	5.5	Yolk sac

START TIME : June 15, 1984
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 2 seconds
VOLUME : 78.9 cubic meters
METER : 94
SAMPLE : 7945

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	11.0	Yolk sac
2	1	Catostomus sp.	11.3	Yolk sac
3	1	White Perch	3.2	Yolk sac
4	1	White Perch	3.2	Yolk sac
5	1	White Perch	3.5	Yolk sac
6	1	White Perch	3.7	Yolk sac
7	1	White Perch	3.8	Yolk sac
8	1	White Perch	3.2	Yolk sac
9	1	White Perch	3.2	Yolk sac
10	1	White Perch	3.4	Yolk sac
11	1	White Perch	3.5	Yolk sac
12	1	White Perch	3.6	Yolk sac
313	5	White Perch		Yolk sac

START TIME : June 15, 1984
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7946

REMARKS : Too shallow

START TIME : June 15, 1984 13:00
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 44.9 cubic meters
METER : 61
SAMPLE : 7947

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.5	Yolk sac
2	1	White Perch	3.6	Yolk sac
3	1	White Perch	3.7	Yolk sac
4	1	White Perch	3.7	Yolk sac
5	1	White Perch	3.8	Yolk sac
6	1	White Perch	3.3	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.5	Yolk sac
10	1	White Perch	3.9	Yolk sac
11	8	White Perch		Yolk sac
12	1	Notropis sp.	4.2	Yolk sac
13	1	Notropis sp.	4.8	Yolk sac
14	1	Notropis sp.	5.6	Yolk sac
15	1	Notropis sp.		Yolk sac
16	1	Notropis sp.	5.0	Yolk sac
17	1	Notropis sp.	5.7	Yolk sac

START TIME : June 15, 1984 08:21
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 14 seconds
VOLUME : 47.3 cubic meters
METER : 98
SAMPLE : 7948

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch		Indeterminate
3	1	Cyprinidae	4.5	Yolk sac
4	1	Cyprinidae	4.8	Yolk sac
5	1	Cyprinidae	5.0	Yolk sac
6	1	Cyprinidae	5.0	Yolk sac
7	5	Cyprinidae		Yolk sac

START TIME : June 15, 1984 08:31
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 22 seconds
VOLUME : 56.2 cubic meters
METER : 98
SAMPLE : 7949

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.5	Yolk sac
2	1	White Perch	2.5	Yolk sac
3	1	White Perch	2.8	Yolk sac
4	1	White Perch	3.1	Yolk sac
5	1	White Perch	3.2	Yolk sac
6	1	White Perch	2.5	Yolk sac
7	1	White Perch	2.8	Yolk sac
8	1	White Perch		Yolk sac
9	1	Catostomus sp.	14.8	Larval
10	1	Cyprinidae	4.6	Yolk sac
11	1	Cyprinidae	4.9	Yolk sac
12	1	Cyprinidae	5.0	Yolk sac
13	1	Cyprinidae	5.0	Yolk sac
14	1	Cyprinidae	5.2	Yolk sac
15	12	Cyprinidae		Yolk sac

START TIME : June 15, 1984 08:50
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 44.9 cubic meters
METER : 98
SAMPLE : 7950

REMARKS : 2 jars

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	4.7	Yolk sac
2	1	Cyprinidae	4.9	Yolk sac
3	1	Cyprinidae	5.0	Yolk sac
4	2	Cyprinidae		Yolk sac
5	1	White Perch		Yolk sac

START TIME : June 15, 1984
LOCATION : Vermont Yankee Intake, 7 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7951

REMARKS : Plant not intaking

START TIME : June 15, 1984
LOCATION : Vermont Yankee Intake, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7952

REMARKS : Plant not intaking

START TIME : June 15, 1984
LOCATION : Vermont Yankee Intake, 19 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 0 minutes, 0 seconds
VOLUME : 0.0 cubic meters
METER : 0
SAMPLE : 7953

REMARKS : Plant not intaking

START TIME : June 18, 1984 13:15
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 69.1 cubic meters
METER : 61
SAMPLE : 7955

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	4.7	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	4.6	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	4.5	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	4.8	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.9	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.7	Larval
19	1	Notropis sp.	4.6	Larval
20	1	Notropis sp.	4.7	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.7	Larval
24	1	Notropis sp.	4.6	Larval
25	1	Notropis sp.	5.7	Larval
26	1	Notropis sp.	4.5	Larval
27	1	White Perch	3.0	Yolk sac
28	1	White Perch	3.4	Yolk sac
29	1	White Perch	3.5	Yolk sac
30	1	White Perch	3.7	Yolk sac
31	1	White Perch	3.8	Yolk sac
32	9	White Perch		Yolk sac
33	1	White Perch	2.6	Yolk sac
34	1	White Perch	2.6	Yolk sac
35	1	White Perch	2.7	Yolk sac
36	20	White Perch		Yolk sac

START TIME : June 18, 1984 13:25
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 7 seconds
VOLUME : 97.7 cubic meters
METER : 61
SAMPLE : 7956

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Yolk sac
2	1	Notropis sp.	5.2	Yolk sac
3	1	Notropis sp.	5.4	Yolk sac
4	1	Notropis sp.	5.0	Yolk sac
5	1	Notropis sp.	5.2	Yolk sac
6	15	Notropis spp.		Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.6	Yolk sac
9	1	White Perch	3.6	Yolk sac
10	1	White Perch	3.6	Yolk sac
11	1	White Perch	3.8	Yolk sac
12	1	White Perch	3.8	Yolk sac
13	1	White Perch	3.9	Yolk sac
14	8	White Perch		Yolk sac

START TIME : June 18, 1984 13:25
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 7 seconds
VOLUME : 109.1 cubic meters
METER : 98
SAMPLE : 7957

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	3.7	Yolk sac
4	39	White Perch		Yolk sac
5	1	White Perch	3.2	Yolk sac
6	1	White Perch	3.3	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.6	Yolk sac
9	1	White Perch	3.5	Larval
10	1	White Perch	3.1	Yolk sac
11	1	White Perch	3.3	Yolk sac
12	1	White Perch	3.5	Yolk sac
13	1	White Perch	3.5	Yolk sac
14	1	White Perch	3.6	Yolk sac
15	1	Notropis sp.	4.6	Yolk sac
16	1	Notropis sp.	4.8	Yolk sac
17	1	Notropis sp.	5.0	Yolk sac
18	1	Notropis sp.	5.2	Yolk sac
19	1	Notropis sp.	5.2	Yolk sac
20	1	Notropis sp.	5.0	Yolk sac
21	1	Cyprinidae	4.5	Yolk sac
22	1	Cyprinidae	4.6	Yolk sac
23	1	Cyprinidae	4.8	Yolk sac
24	1	Cyprinidae	4.8	Yolk sac
25	1	Cyprinidae	5.0	Yolk sac
26	1	Cyprinidae	4.5	Yolk sac
27	1	Cyprinidae	4.8	Yolk sac
28	1	Notropis sp.		Yolk sac
29	1	Cyprinidae		Yolk sac

START TIME : June 18, 1984 13:25
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 7 seconds
VOLUME : 109.1 cubic meters
METER : 94
SAMPLE : 7958

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.6	Larval
5	1	Notropis sp.	4.4	Larval
6	1	Notropis sp.	4.7	Larval
7	1	Notropis sp.	4.7	Larval
8	1	Notropis sp.	4.6	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	4.8	Larval

(CONTINUED)

START TIME : June 18, 1984 13:25
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 7 seconds
VOLUME : 109.1 cubic meters
METER : 94
SAMPLE : 7958

Fish ID	Number of fish	Species	Length (mm)	Life stage
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	4.6	Larval
14	1	Notropis sp.	4.5	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	4.5	Larval
18	1	Notropis sp.	4.5	Larval
19	1	Notropis sp.	4.5	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	5.2	Larval
22	1	Notropis sp.	4.5	Larval
23	1	Notropis sp.	4.5	Larval
24	1	Notropis sp.	5.3	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	4.4	Larval
27	1	Notropis sp.	4.7	Larval
28	1	Notropis sp.	4.6	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	4.1	Larval
31	1	White Perch	3.5	Larval
32	1	White Perch	3.7	Larval
33	1	White Perch	3.7	Larval
34	1	White Perch	3.7	Larval
35	1	White Perch	3.7	Larval
36	1	White Perch	3.4	Larval
37	1	White Perch	3.1	Larval
38	1	White Perch	3.4	Larval
39	1	White Perch	3.7	Larval
40	1	White Perch	3.4	Larval
41	1	White Perch	3.3	Larval
42	1	White Perch	3.4	Larval
43	1	White Perch	3.4	Larval
44	1	White Perch	3.5	Larval
45	1	White Perch	3.5	Larval
46	1	White Perch	3.3	Larval
47	1	White Perch	3.4	Larval
48	1	White Perch	3.1	Larval
49	1	White Perch	3.5	Larval
50	1	White Perch	3.3	Larval
51	1	White Perch	3.4	Larval
52	1	White Perch	3.7	Larval
53	1	White Perch	3.4	Larval
54	1	White Perch	3.4	Larval
55	1	White Perch	3.4	Larval
56	1	White Perch	3.4	Larval
57	1	White Perch	3.4	Larval
58	1	White Perch	3.4	Larval
59	1	White Perch	3.3	Larval
60	1	White Perch	3.2	Larval
61	1	White Perch	3.2	Yolk sac
62	1	White Perch	3.3	Yolk sac
63	1	White Perch	3.3	Yolk sac
64	1	White Perch	3.5	Yolk sac
65	1	White Perch	3.6	Yolk sac
66	46	White Perch		Yolk sac

START TIME : June 18, 1984 13:45
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 74.6 cubic meters
METER : 61
SAMPLE : 7959

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	4.5	Larval
4	1	Notropis sp.	5.0	Larval
5	1	Notropis sp.	5.0	Larval
6	1	Notropis sp.	5.0	Larval
7	1	Notropis sp.	4.9	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.5	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	5.5	Larval
14	1	Notropis sp.	4.7	Larval
15	1	Notropis sp.	4.9	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	4.6	Larval
20	1	Notropis sp.	4.5	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.5	Larval
24	1	Notropis sp.	4.5	Larval
25	1	Notropis sp.	5.0	Larval
26	1	Notropis sp.	4.4	Larval
27	1	Notropis sp.	4.5	Larval
28	1	Notropis sp.	4.8	Larval
29	1	White Perch	3.5	Yolk sac
30	1	White Perch	3.6	Yolk sac
31	12	White Perch		Yolk sac

START TIME : June 18, 1984 15:30
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 18 seconds
VOLUME : 48.6 cubic meters
METER : 98
SAMPLE : 7960

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Yolk sac
2	1	Notropis sp.	5.4	Yolk sac
3	1	Notropis sp.	5.4	Yolk sac
4	1	Notropis sp.	5.5	Yolk sac
5	1	Notropis sp.	5.2	Yolk sac
6	1	Notropis sp.	5.5	Yolk sac
7	1	Notropis sp.	5.6	Yolk sac
8	1	White Perch	3.2	Yolk sac
9	1	White Perch	3.4	Yolk sac
10	1	White Perch	3.6	Yolk sac
11	1	White Perch	3.6	Yolk sac
12	1	White Perch	3.7	Yolk sac

START TIME : June 18, 1984 15:15
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 59.0 cubic meters
METER : 98
SAMPLE : 7961

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Yolk sac
2	1	White Perch	3.5	Yolk sac
3	1	White Perch	3.6	Yolk sac
4	1	White Perch	3.6	Yolk sac
5	1	White Perch	3.7	Yolk sac
6	1	White Perch	3.8	Yolk sac
7	1	White Perch	3.8	Yolk sac
8	1	White Perch	3.9	Yolk sac
9	4	White Perch		Yolk sac
10	1	White Perch	4.2	Larval
11	1	Notropis sp.	5.2	Yolk sac
12	1	Notropis sp.	5.5	Yolk sac

START TIME : June 18, 1984 14:55
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 7 seconds
VOLUME : 60.5 cubic meters
METER : 98
SAMPLE : 7962

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.8	Yolk sac
2	1	White Perch	2.9	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	4	White Perch		Yolk sac
5	1	Notropis sp.	5.1	Yolk sac
6	1	Notropis sp.	5.1	Yolk sac

START TIME : June 20, 1984 14:15
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 33 seconds
VOLUME : 56.1 cubic meters
METER : 98
SAMPLE : 7969

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	4.9	Larval
8	1	Notropis sp.	5.0	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	5.3	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	5.1	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	5.0	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	5.2	Larval
23	1	Notropis sp.	5.3	Larval
24	1	Notropis sp.	5.0	Larval
25	1	Notropis sp.	5.1	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	5.4	Larval
28	1	Notropis sp.	5.1	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	5.4	Larval
31	196	Notropis spp.		Larval
32	1	White Perch	2.5	Yolk sac
33	1	White Perch	3.2	Yolk sac
34	1	White Perch	3.8	Yolk sac
35	1	White Perch	3.1	Yolk sac
36	1	White Perch	3.3	Yolk sac
37	1	White Perch	3.6	Yolk sac
38	5	White Perch		Yolk sac

START TIME : June 20, 1984 14:00
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 22 seconds
VOLUME : 66.4 cubic meters
METER : 98
SAMPLE : 7970

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Yolk sac
2	1	Notropis sp.	5.0	Yolk sac
3	1	Notropis sp.	5.1	Yolk sac
4	1	Notropis sp.	5.4	Yolk sac
5	2	Notropis spp.		Yolk sac
6	1	Notropis sp.	5.0	Yolk sac
7	1	Notropis sp.	5.2	Yolk sac
8	1	Notropis sp.	5.2	Yolk sac
9	1	Notropis sp.		Yolk sac
10	1	White Perch	3.4	Yolk sac
11	1	White Perch	3.7	Yolk sac
12	1	White Perch		Yolk sac
13	1	White Perch	3.5	Yolk sac

START TIME : June 20, 1984 13:35
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 55.6 cubic meters
METER : 98
SAMPLE : 7971

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.5	Yolk sac
2	1	White Perch		Yolk sac
3	1	White Perch	3.8	Larval
4	1	Notropis sp.	4.9	Yolk sac
5	1	Notropis sp.	5.5	Yolk sac
6	1	Notropis sp.	5.5	Yolk sac
7	1	Notropis sp.	5.5	Yolk sac
8	1	Notropis sp.	5.7	Yolk sac
9	1	Notropis sp.	5.2	Yolk sac
10	1	Notropis sp.	5.3	Yolk sac
11	1	Notropis sp.		Yolk sac
12	1	Notropis sp.		Yolk sac

START TIME : June 20, 1984 11:00
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 59 seconds
VOLUME : 72.3 cubic meters
METER : 61
SAMPLE : 7972

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	263	Notropis spp.		Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	4.9	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.7	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	5.4	Larval
14	1	Notropis sp.	5.1	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	5.0	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	5.6	Larval
20	1	Notropis sp.	5.0	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.7	Larval
24	1	Notropis sp.	4.9	Larval
25	1	Notropis sp.	5.1	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	5.3	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	5.1	Larval
30	1	Notropis sp.	5.1	Larval
31	1	White Perch	3.5	Yolk sac
32	1	White Perch	3.5	Yolk sac
33	1	White Perch	3.6	Yolk sac
34	1	White Perch	3.6	Yolk sac
35	1	White Perch	3.8	Yolk sac
36	1	White Perch	3.9	Yolk sac
37	10	White Perch		Yolk sac

START TIME : June 20, 1984 11:00
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 59 seconds
VOLUME : 78.3 cubic meters
METER : 94
SAMPLE : 7973

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.5	Yolk sac
2	1	White Perch	3.0	Yolk sac
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.8	Yolk sac
6	1	White Perch	3.3	Yolk sac
7	1	White Perch	3.5	Yolk sac
8	1	White Perch	3.7	Yolk sac
9	1	White Perch	3.7	Yolk sac
10	1	White Perch	4.0	Yolk sac
11	1	White Perch		Yolk sac
12	1	White Perch	2.7	Yolk sac
13	1	Golden Shiner	3.7	Yolk sac
14	1	Golden Shiner	4.4	Yolk sac
15	1	Notropis sp.	4.8	Yolk sac
16	1	Notropis sp.	5.0	Yolk sac
17	1	Notropis sp.	5.2	Yolk sac
18	1	Notropis sp.	5.3	Yolk sac
19	1	Notropis sp.	5.5	Yolk sac
20	1	Notropis sp.	5.2	Yolk sac
21	1	Notropis sp.	5.0	Indeterminate
22	1	Notropis sp.	5.1	Indeterminate
23	1	Notropis sp.	5.8	Indeterminate
24	1	Notropis sp.	5.3	Yolk sac

START TIME : June 20, 1984 11:15
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 86.2 cubic meters
METER : 61
SAMPLE : 7974

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Larval
2	1	Notropis sp.	4.8	Larval
3	1	Notropis sp.	4.9	Larval
4	1	Notropis sp.	4.7	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	4.3	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	5.1	Larval
13	1	Notropis sp.	5.4	Larval
14	1	Notropis sp.	5.2	Larval
15	1	Notropis sp.	5.1	Larval
16	1	Notropis sp.	4.7	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	5.0	Larval
19	1	Notropis sp.	4.6	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	5.1	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.9	Larval
25	1	Notropis sp.	4.9	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.7	Larval
29	1	Notropis sp.	4.8	Larval
30	1	Notropis sp.	4.5	Larval
31	106	Notropis spp.		Indeterminate
32	1	White Perch	2.6	Yolk sac
33	1	White Perch	2.7	Yolk sac
34	1	White Perch	3.6	Yolk sac
35	1	White Perch	3.7	Yolk sac
36	1	White Perch	3.9	Yolk sac
37	1	White Perch	3.4	Yolk sac
38	15	White Perch		Indeterminate

START TIME : June 20, 1984 11:15
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 94.3 cubic meters
METER : 94
SAMPLE : 7975

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.3	Yolk sac
3	1	White Perch	3.7	Yolk sac
4	1	White Perch	4.0	Yolk sac
5	1	White Perch	4.2	Yolk sac
6	1	White Perch	3.2	Yolk sac
7	1	White Perch	3.5	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.5	Yolk sac
10	1	White Perch	3.6	Yolk sac
11	1	White Perch	3.7	Yolk sac
12	15	White Perch		Yolk sac
13	1	Golden Shiner	4.6	Yolk sac
14	1	Golden Shiner	4.5	Yolk sac
15	1	Golden Shiner	4.0	Yolk sac
16	1	Notropis sp.	5.0	Yolk sac
17	1	Notropis sp.	5.1	Yolk sac
18	1	Notropis sp.	5.3	Yolk sac
19	1	Notropis sp.	5.5	Yolk sac
20	1	Notropis sp.	5.5	Yolk sac
21	1	Notropis sp.	5.7	Yolk sac
22	8	Notropis spp.		Yolk sac

START TIME : June 20, 1984 11:15
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 91.9 cubic meters
METER : 98
SAMPLE : 7976

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Yolk sac
2	1	White Perch	3.7	Yolk sac
3	1	White Perch	3.7	Yolk sac
4	1	White Perch	4.0	Yolk sac
5	1	White Perch	3.5	Yolk sac
6	1	White Perch	3.5	Yolk sac
7	1	White Perch	3.7	Yolk sac
8	1	White Perch	3.7	Yolk sac
9	1	White Perch	3.9	Yolk sac
10	1	White Perch	4.0	Yolk sac
11	1	White Perch	3.5	Yolk sac
12	1	White Perch	3.6	Yolk sac
13	1	White Perch	3.8	Yolk sac
14	1	White Perch	3.9	Yolk sac
15	1	White Perch	4.0	Yolk sac
16	75	White Perch		Yolk sac
17	1	Notropis sp.	4.8	Yolk sac
18	1	Notropis sp.	4.7	Yolk sac
19	1	Notropis sp.	5.2	Yolk sac
20	1	Notropis sp.	4.7	Yolk sac
21	1	Notropis sp.	4.9	Yolk sac
22	1	Notropis sp.	5.0	Yolk sac
23	1	Notropis sp.	5.2	Yolk sac
24	1	Notropis sp.	5.5	Yolk sac
25	1	Notropis sp.	5.3	Yolk sac
26	1	Notropis sp.	5.2	Yolk sac
27	1	Notropis sp.	5.5	Yolk sac
28	8	Notropis spp.		Yolk sac

START TIME : June 20, 1984 11:33
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 77.2 cubic meters
METER : 61
SAMPLE : 7977

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	4.5	Larval
4	1	Notropis sp.	4.5	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.4	Larval
7	1	Notropis sp.	4.4	Larval
8	1	Notropis sp.	5.3	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	5.0	Larval
11	1	Notropis sp.	4.6	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	4.7	Larval
14	1	Notropis sp.	5.2	Larval
15	1	Notropis sp.	5.1	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	5.0	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	5.1	Larval
21	1	Notropis sp.	4.5	Larval
22	1	Notropis sp.	4.5	Larval
23	1	Notropis sp.	5.1	Larval
24	1	Notropis sp.	4.7	Larval
25	1	Notropis sp.	4.8	Larval
26	1	Notropis sp.	5.1	Larval
27	1	Notropis sp.	4.3	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	5.3	Larval
30	1	Notropis sp.	4.8	Larval
31	1	Cyprinidae	4.0	Yolk sac
32	1	Cyprinidae	4.2	Yolk sac
33	1	White Perch	2.4	Yolk sac
34	1	White Perch	3.0	Yolk sac
35	1	White Perch	3.5	Yolk sac
36	1	White Perch	3.5	Yolk sac
37	1	White Perch	3.9	Yolk sac
38	14	White Perch		Indeterminate
39	31	Notropis spp.		Larval

START TIME : June 20, 1984 11:33
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 81.2 cubic meters
METER : 94
SAMPLE : 7978

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.4	Larval
2	1	Notropis sp.	4.7	Larval
3	1	Notropis sp.	5.0	Larval
4	1	Notropis sp.	4.9	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	4.9	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	4.7	Larval
11	1	Notropis sp.	4.7	Larval
12	1	Notropis sp.	4.5	Larval
13	1	Notropis sp.	4.8	Larval
14	1	Notropis sp.	5.1	Larval
15	1	Notropis sp.	5.0	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	4.5	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	4.4	Larval
21	1	Cyprinidae	4.0	Yolk sac
22	1	Cyprinidae	4.1	Yolk sac
23	1	Cyprinidae	4.3	Yolk sac
24	1	Cyprinidae	4.3	Yolk sac
25	1	Cyprinidae	4.2	Yolk sac
26	1	Cyprinidae	4.4	Yolk sac
27	1	Cyprinidae	4.1	Yolk sac
28	1	Cyprinidae	4.1	Yolk sac
29	1	Cyprinidae	4.4	Yolk sac
31	1	White Perch	3.0	Larval
32	1	White Perch	3.2	Larval
33	1	White Perch	3.6	Larval
34	10	White Perch		Indeterminate
35	27	White Perch		Yolk sac

START TIME : June 20, 1984 11:50
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 1 seconds
VOLUME : 72.6 cubic meters
METER : 61
SAMPLE : 7979

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Yolk sac
2	1	Notropis sp.	5.0	Yolk sac
3	1	Notropis sp.	4.9	Yolk sac
4	1	Notropis sp.	5.1	Yolk sac
5	1	Notropis sp.	4.9	Yolk sac
6	1	Notropis sp.	4.8	Yolk sac
7	1	Notropis sp.	4.9	Yolk sac
8	1	Notropis sp.	4.8	Yolk sac
9	1	Notropis sp.	5.5	Yolk sac
10	1	Notropis sp.	5.6	Yolk sac
11	1	Notropis sp.	5.1	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.	4.8	Yolk sac
16	1	Notropis sp.	4.8	Yolk sac
17	1	Notropis sp.	5.1	Yolk sac
18	1	Notropis sp.	4.8	Yolk sac
19	1	Notropis sp.	5.1	Yolk sac
20	1	Notropis sp.	5.3	Yolk sac
21	1	Notropis sp.	4.8	Yolk sac
22	1	Notropis sp.	4.8	Yolk sac
23	1	Notropis sp.	5.1	Yolk sac
24	1	Notropis sp.	4.9	Yolk sac
25	1	Notropis sp.	4.8	Yolk sac
26	1	Notropis sp.	5.4	Yolk sac
27	1	Notropis sp.	4.9	Yolk sac
28	1	Notropis sp.	4.7	Yolk sac
29	1	Notropis sp.	4.8	Yolk sac
30	1	Notropis sp.	4.6	Yolk sac
31	560	Notropis spp.		Yolk sac
32	1	White Perch	3.0	Yolk sac
33	1	White Perch	3.2	Yolk sac
34	1	White Perch	3.3	Yolk sac
35	1	White Perch	3.5	Yolk sac
36	1	White Perch	3.8	Yolk sac
37	1	White Perch	3.0	Yolk sac
38	1	White Perch	3.3	Yolk sac
39	1	White Perch	3.3	Yolk sac
40	1	White Perch	3.5	Yolk sac
41	1	White Perch	3.8	Yolk sac
42	6	White Perch		Yolk sac

START TIME : June 20, 1984 11:50
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 1 seconds
VOLUME : 78.9 cubic meters
METER : 94
SAMPLE : 7980

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Larval
2	1	Notropis sp.	5.2	Larval
3	1	Notropis sp.	5.4	Larval
4	1	Notropis sp.	5.6	Larval
5	1	Notropis sp.	5.7	Larval
6	1	Notropis sp.	5.2	Larval
7	1	Notropis sp.	5.3	Larval
8	1	Notropis sp.	5.3	Larval
9	1	Notropis sp.	5.4	Larval
10	1	Notropis sp.	5.4	Larval
11	14	Notropis spp.		Larval
12	1	White Perch	3.6	Yolk sac
13	1	White Perch	3.7	Yolk sac
14	1	White Perch	3.8	Yolk sac
15	1	White Perch	4.0	Yolk sac
16	1	White Perch	3.2	Yolk sac
17	1	White Perch	3.3	Yolk sac
18	1	White Perch	3.8	Yolk sac
19	1	White Perch	3.9	Yolk sac
20	1	White Perch	3.7	Yolk sac
21	1	White Perch	3.2	Yolk sac
22	2	White Perch		Indeterminate

START TIME : June 20, 1984 12:03
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 80.3 cubic meters
METER : 61
SAMPLE : 7981

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	5.5	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.2	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	5.1	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	5.4	Larval
15	1	Notropis sp.	4.7	Larval
16	1	Notropis sp.	5.2	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	5.1	Larval
19	1	Notropis sp.	5.0	Larval
20	1	Notropis sp.	5.0	Larval
21	1	Notropis sp.	5.0	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	5.2	Larval
24	1	Notropis sp.	5.2	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	5.1	Larval
27	1	Notropis sp.	5.0	Larval
28	1	Notropis sp.	4.7	Larval
29	1	Notropis sp.	4.8	Larval
30	1	Notropis sp.	4.7	Larval
31	32	Notropis spp.		Larval
32	1	White Perch	3.4	Yolk sac

START TIME : June 20, 1984 12:03
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 85.3 cubic meters
METER : 94
SAMPLE : 7982

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	5.0	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	4.5	Larval
9	1	Notropis sp.	4.6	Larval
10	1	Notropis sp.	5.0	Larval
11	1	Notropis sp.	4.9	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.6	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.5	Larval
17	1	Notropis sp.	5.1	Larval
19	1	Cyprinidae	4.3	Yolk sac
20	1	Cyprinidae	4.0	Yolk sac
21	1	Cyprinidae	4.3	Yolk sac
22	1	Cyprinidae	4.0	Yolk sac
23	1	Cyprinidae	3.4	Yolk sac
25	1	White Perch	3.3	Yolk sac
26	1	White Perch	3.7	Yolk sac
27	1	White Perch	3.7	Yolk sac
28	1	White Perch	3.8	Yolk sac
29	1	White Perch	3.8	Yolk sac
30	44	White Perch		Yolk sac

START TIME : June 22, 1984 08:07
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 63.8 cubic meters
METER : 61
SAMPLE : 8005

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.4	Larval
4	1	Notropis sp.	5.3	Larval
5	1	Notropis sp.	4.5	Larval
6	1	Notropis sp.	4.9	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	5.4	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	4.8	Larval
12	1	Notropis sp.	5.1	Larval
13	1	Notropis sp.	5.1	Larval
14	1	Notropis sp.	5.4	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	4.5	Larval
18	1	Notropis sp.	5.4	Larval
19	1	Notropis sp.	5.2	Larval
20	1	Notropis sp.	4.3	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.7	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	5.4	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	5.0	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	5.1	Larval
31	208	Notropis spp.		Larval
32	1	White Perch	2.2	Yolk sac
33	1	White Perch	3.7	Yolk sac
34	1	White Perch	3.3	Yolk sac
35	1	White Perch	3.5	Yolk sac
36	1	White Perch	3.6	Yolk sac
37	16	White Perch		Indeterminate

START TIME : June 22, 1984 08:17
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 3 seconds
VOLUME : 79.4 cubic meters
METER : 61
SAMPLE : 8006

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Larval
2	1	Notropis sp.	5.3	Larval
3	1	Notropis sp.	4.1	Larval
4	1	Notropis sp.	4.9	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	4.6	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	5.4	Larval
10	1	Notropis sp.	5.0	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	5.1	Larval
13	1	Notropis sp.	5.0	Larval
14	1	Notropis sp.	5.1	Larval
15	1	Notropis sp.	5.4	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	5.1	Larval
19	1	Notropis sp.	5.3	Larval
20	1	Notropis sp.	5.1	Larval
21	1	Notropis sp.	4.9	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.8	Larval
25	1	Notropis sp.	5.2	Larval
26	1	Notropis sp.	5.1	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.5	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	4.9	Larval
31	370	Notropis spp.		Larval
32	1	White Perch	3.7	Larval
33	1	White Perch	3.8	Larval
34	1	White Perch	3.8	Larval
35	1	White Perch	3.8	Larval
36	1	White Perch	3.9	Larval

START TIME : June 22, 1984 08:17
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 3 seconds
VOLUME : 88.5 cubic meters
METER : 94
SAMPLE : 8007

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.1	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.4	Larval
4	1	White Perch	3.9	Larval
5	1	White Perch	2.5	Yolk sac
6	1	White Perch	3.3	Larval
7	5	White Perch		Indeterminate
8	1	Notropis sp.	4.5	Yolk sac
9	1	Notropis sp.	5.0	Yolk sac
10	1	Notropis sp.	5.5	Yolk sac

START TIME : June 22, 1984 08:17
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 3 seconds
VOLUME : 84.4 cubic meters
METER : 98
SAMPLE : 8008

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	4.7	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	5.0	Larval
5	1	Notropis sp.	5.2	Larval
6	11	Notropis spp.		Larval
7	1	White Perch	3.2	Larval
8	1	White Perch	3.5	Larval
9	1	White Perch	3.8	Larval
10	1	White Perch	3.5	Yolk sac
11	1	White Perch	3.6	Yolk sac
12	1	White Perch	3.6	Yolk sac
13	1	White Perch	3.8	Yolk sac
14	1	White Perch	3.8	Yolk sac
15	24	White Perch		Indeterminate

START TIME : June 22, 1984
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 66.9 cubic meters
METER : 61
SAMPLE : 8009

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.6	Yolk sac
2	1	White Perch	3.7	Yolk sac
3	1	White Perch	3.8	Yolk sac
4	1	White Perch	3.9	Yolk sac
5	1	White Perch	3.2	Yolk sac
6	1	White Perch	3.5	Yolk sac
7	1	White Perch	3.7	Yolk sac
8	1	White Perch	3.8	Yolk sac
9	1	White Perch	3.9	Yolk sac
10	1	White Perch	3.8	Yolk sac
11	1	White Perch	3.8	Yolk sac
12	1	White Perch		Yolk sac
13	1	White Perch	3.3	Yolk sac
14	1	White Perch	3.5	Yolk sac
15	1	White Perch	3.5	Yolk sac
16	1	White Perch	3.8	Yolk sac
17	1	Notropis sp.	4.8	Yolk sac
18	236	Notropis spp.		Yolk sac
19	1	Notropis sp.	5.7	Yolk sac
20	1	Notropis sp.	5.7	Yolk sac
21	1	Notropis sp.	5.1	Yolk sac
22	1	Notropis sp.	5.1	Yolk sac
23	1	Notropis sp.	5.7	Yolk sac
24	1	Notropis sp.	5.8	Yolk sac
25	1	Notropis sp.	5.4	Yolk sac
26	1	Notropis sp.	4.8	Yolk sac
27	1	Notropis sp.	5.7	Yolk sac
28	1	Notropis sp.	5.8	Yolk sac
29	1	Notropis sp.	5.1	Yolk sac
30	1	Notropis sp.	5.4	Yolk sac
31	10	White Perch		Yolk sac

START TIME : June 22, 1984 10:05
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 26 seconds
VOLUME : 51.7 cubic meters
METER : 98
SAMPLE : 8010

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.7	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	5.4	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	5.3	Larval
7	1	Notropis sp.	4.9	Larval
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	5.7	Larval
15	1	Notropis sp.	4.6	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	5.2	Larval
18	1	Notropis sp.	5.1	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	5.1	Larval
21	1	Notropis sp.	5.7	Larval
22	1	Notropis sp.	5.4	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.5	Larval
25	1	Notropis sp.	5.0	Larval
26	1	Notropis sp.	4.9	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	5.1	Larval
29	1	Notropis sp.	5.0	Larval
30	1	Notropis sp.	4.8	Larval
31	48	Notropis spp.		Larval
32	1	White Perch	3.6	Larval
33	1	White Perch	3.7	Larval
34	1	White Perch	3.6	Larval
35	1	White Perch	3.8	Larval
36	1	White Perch	3.2	Yolk sac
37	1	White Perch	3.3	Yolk sac
38	1	White Perch	3.3	Yolk sac
39	1	White Perch	3.5	Yolk sac
40	1	White Perch	3.7	Yolk sac
41	18	White Perch		Yolk sac

START TIME : June 22, 1984 09:53
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 64.3 cubic meters
METER : 98
SAMPLE : 8011

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.5	Larval
2	1	Notropis sp.	4.5	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	5.3	Larval
6	1	Notropis sp.	5.4	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	4.2	Larval
11	1	Notropis sp.	4.8	Larval
12	1	Notropis sp.	4.5	Larval
13	1	Notropis sp.	4.8	Larval
14	1	Notropis sp.	5.0	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	4.9	Larval
18	1	Notropis sp.	5.1	Larval
19	1	Notropis sp.	5.0	Larval
20	1	Notropis sp.	4.5	Larval
21	1	Notropis sp.	5.0	Larval
22	1	Notropis sp.	4.1	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	4.6	Larval
25	1	Cyprinidae	4.7	Yolk sac
26	1	White Perch	3.2	Larval
27	1	White Perch	3.4	Larval
28	1	White Perch	3.3	Larval
29	1	White Perch	3.6	Larval
30	1	White Perch	3.4	Larval
31	1	White Perch		Larval

START TIME : June 22, 1984 09:33
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 7 seconds
VOLUME : 62.0 cubic meters
METER : 98
SAMPLE : 8012

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.3	Yolk sac
2	1	Carp	4.5	Yolk sac
3	1	Carp	4.3	Yolk sac
4	1	White Perch	5.4	Larval
5	1	Indeterminate		Indeterminate
6	1	White Perch	3.3	Yolk sac
7	1	White Perch	3.3	Yolk sac
8	3	White Perch		Yolk sac
9	1	Alosa sp.	6.0	Yolk sac

START TIME : June 25, 1984 13:55
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 56 seconds
VOLUME : 86.5 cubic meters
METER : 61
SAMPLE : 8013

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	4.6	Larval
4	1	Notropis sp.	4.7	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	4.7	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	5.7	Larval
9	1	Notropis sp.	4.7	Larval
10	1	Notropis sp.	5.2	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	4.8	Larval
14	1	Notropis sp.	5.1	Larval
15	1	Notropis sp.	5.4	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	5.7	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	5.0	Larval
20	1	Notropis sp.	5.4	Larval
21	1	Notropis sp.	5.1	Larval
22	1	Notropis sp.	5.4	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	4.5	Larval
25	1	Notropis sp.	5.4	Larval
26	1	Notropis sp.	5.7	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.3	Larval
29	1	Notropis sp.	4.9	Larval
30	1	Notropis sp.	5.1	Larval
31	1	White Perch	3.4	Yolk sac
32	1	White Perch	3.1	Yolk sac
33	1	White Perch	3.1	Yolk sac
34	1	White Perch	3.2	Yolk sac
35	1	White Perch	3.7	Yolk sac
36	1	White Perch	3.6	Yolk sac
37	1	White Perch	3.4	Yolk sac
38	1	White Perch	3.4	Yolk sac
39	1	White Perch	3.4	Yolk sac
40	1	White Perch	3.3	Yolk sac
41	1	White Perch	3.4	Yolk sac
42	1	White Perch	3.7	Yolk sac
43	1	White Perch	3.3	Yolk sac
44	1	White Perch	3.6	Yolk sac
45	1	White Perch	3.4	Yolk sac
46	39	White Perch		Indeterminate
47	110	Notropis spp.		Larval
48	32	White Perch		Indeterminate
49	140	Notropis spp.		Larval

START TIME : June 25, 1984 14:10
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 106.1 cubic meters
METER : 61
SAMPLE : 8014

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Larval
2	1	Notropis sp.	5.2	Larval
3	1	Notropis sp.	5.3	Larval
4	1	Notropis sp.	4.9	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	4.5	Larval
7	1	Notropis sp.	4.9	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	5.0	Larval
11	1	Notropis sp.	4.8	Larval
12	1	Notropis sp.	5.0	Larval
13	1	Notropis sp.	4.8	Larval
14	1	Notropis sp.	4.5	Larval
15	1	Notropis sp.	4.5	Larval
16	1	Notropis sp.	4.7	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	5.0	Larval
19	1	Notropis sp.	4.9	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	4.7	Larval
22	1	Notropis sp.	4.9	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	4.9	Larval
25	1	Notropis sp.	5.0	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	4.9	Larval
28	1	Notropis sp.	5.2	Larval
29	1	Notropis sp.	4.8	Larval
30	1	Notropis sp.	4.7	Larval
31	258	Notropis spp.		Larval
32	1	Carp	6.2	Yolk sac
33	1	White Perch	3.3	Larval
34	1	White Perch	3.5	Larval
35	1	White Perch	3.7	Larval
36	1	White Perch	3.7	Larval
37	1	White Perch	3.8	Larval
38	21	White Perch		Larval
39	47	White Perch		Yolk sac
40	1	White Perch	2.0	Yolk sac
41	1	White Perch	2.3	Yolk sac
42	1	White Perch	2.2	Yolk sac
43	1	White Perch	2.6	Yolk sac
44	1	White Perch	2.7	Yolk sac
45	1	Cyprinidae	4.2	Yolk sac
46	1	Cyprinidae	4.3	Yolk sac
47	1	Cyprinidae		Yolk sac
48	1	Cyprinidae		Yolk sac
49	1	Cyprinidae		Yolk sac

START TIME : June 25, 1984 14:10
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 114.3 cubic meters
METER : 94
SAMPLE : 8015

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.2	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	3.3	Yolk sac
6	1	White Perch	3.3	Yolk sac
7	1	White Perch	3.6	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.5	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	3.6	Yolk sac
14	1	White Perch	3.5	Yolk sac
15	1	White Perch	3.5	Yolk sac
16	1	White Perch	3.4	Yolk sac
17	1	White Perch	3.5	Yolk sac
18	1	White Perch	3.4	Yolk sac
19	1	White Perch	3.2	Yolk sac
20	1	White Perch	3.6	Yolk sac
21	1	White Perch	3.3	Yolk sac
22	1	White Perch	3.5	Yolk sac
23	1	White Perch	3.2	Yolk sac
24	1	White Perch	3.3	Yolk sac
25	1	White Perch	3.5	Yolk sac
26	1	White Perch	3.4	Yolk sac
27	1	White Perch	3.3	Yolk sac
28	1	White Perch	3.4	Yolk sac
29	1	White Perch	3.3	Yolk sac
30	1	White Perch	3.5	Yolk sac
31	38	White Perch		Yolk sac
32	42	White Perch		Larval
33	1	Carp	5.8	Yolk sac
34	1	Cyprinidae	4.4	Yolk sac
35	1	Notropis sp.	5.0	Larval
36	1	Notropis sp.	5.1	Larval
37	1	Notropis sp.	5.1	Larval
38	1	Notropis sp.	5.2	Larval
39	1	Notropis sp.	5.4	Larval
40	8	Notropis spp.		Larval

START TIME : June 25, 1984 14:10
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 110.6 cubic meters
METER : 98
SAMPLE : 8016

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Yolk sac
2	1	White Perch	3.1	Yolk sac
3	1	White Perch	3.4	Yolk sac
4	1	White Perch	3.3	Yolk sac
5	1	White Perch	3.4	Yolk sac
6	1	White Perch	3.4	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.4	Yolk sac
10	1	White Perch	3.4	Yolk sac
11	1	White Perch	3.2	Yolk sac
12	1	White Perch	3.4	Yolk sac
13	1	White Perch	3.7	Yolk sac
14	1	White Perch	3.4	Yolk sac
15	1	White Perch	3.4	Yolk sac
16	1	White Perch	3.4	Yolk sac
17	1	White Perch	3.3	Yolk sac
18	1	White Perch	3.4	Yolk sac
19	1	White Perch	3.4	Yolk sac
20	1	White Perch	3.4	Yolk sac
21	1	White Perch	3.4	Yolk sac
22	1	White Perch	3.7	Yolk sac
23	1	White Perch	3.7	Yolk sac
24	1	White Perch	3.5	Yolk sac
25	1	White Perch	3.4	Yolk sac
26	1	White Perch	3.7	Yolk sac
27	1	White Perch	3.4	Yolk sac
28	1	White Perch	3.4	Yolk sac
29	1	White Perch	3.4	Yolk sac
30	1	White Perch	3.0	Yolk sac
31	1	White Perch	3.2	Yolk sac
32	1	White Perch	3.6	Yolk sac
33	1	White Perch	3.6	Yolk sac
34	1	White Perch	3.7	Yolk sac
35	1	White Perch	3.7	Yolk sac
36	85	White Perch		Yolk sac
37	1	Carp	6.0	Yolk sac
38	1	Notropis sp.	4.8	Larval
39	1	Notropis sp.	4.9	Larval
40	1	Notropis sp.	5.2	Larval
41	1	Notropis sp.	5.4	Larval
42	1	Notropis sp.	5.7	Larval
43	16	Notropis spp.		Larval

START TIME : June 25, 1984 14:25
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 81.4 cubic meters
METER : 61
SAMPLE : 8017

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.3	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	4.3	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.4	Larval
10	1	Notropis sp.	4.3	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.5	Larval
14	1	Notropis sp.	4.6	Larval
15	1	Notropis sp.	4.1	Larval
16	1	Notropis sp.	4.9	Larval
17	1	Notropis sp.	4.6	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.4	Larval
22	1	Notropis sp.	4.9	Larval
23	1	Notropis sp.	5.1	Larval
24	1	Notropis sp.	4.8	Larval
25	1	Notropis sp.	4.8	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	4.9	Larval
28	1	Notropis sp.	5.0	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	4.7	Larval
31	140	Notropis spp.		Indeterminate
32	1	White Perch	2.6	Yolk sac
33	1	White Perch	3.4	Yolk sac
34	1	White Perch	3.5	Yolk sac
35	1	White Perch	3.6	Yolk sac
36	1	White Perch	3.6	Yolk sac
37	1	White Perch	3.4	Larval
38	1	White Perch	3.5	Larval
39	1	White Perch	3.5	Larval
40	1	White Perch	3.7	Larval
41	1	White Perch	3.8	Larval
42	13	White Perch		Larval

START TIME : June 25, 1984 15:14
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 72.2 cubic meters
METER : 98
SAMPLE : 8018

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	5.6	Larval
3	1	Notropis sp.	5.0	Larval
4	1	Notropis sp.	5.5	Larval
5	1	Notropis sp.	4.9	Larval
6	1	Notropis sp.	4.5	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.6	Larval
9	1	Notropis sp.	4.4	Larval
10	1	Notropis sp.	4.1	Larval
11	1	Notropis sp.	4.5	Larval
12	1	Notropis sp.	4.5	Larval
13	1	Notropis sp.	4.3	Larval
14	1	Notropis sp.	4.2	Larval
15	1	Notropis sp.	4.8	Larval
16	1	White Perch	3.4	Larval
17	1	White Perch	3.4	Larval
18	1	White Perch	3.1	Larval
19	1	White Perch	3.4	Larval
20	1	White Perch	3.2	Larval
21	1	White Perch	3.1	Larval
22	1	White Perch	3.3	Larval
23	1	White Perch	3.3	Larval
24	1	White Perch	3.1	Larval
25	1	White Perch	3.2	Larval
26	1	White Perch	3.4	Larval
27	1	White Perch	3.1	Larval
28	1	White Perch	2.8	Larval
29	1	White Perch	3.4	Larval
30	1	White Perch	3.1	Larval
31	1	Cyprinidae	3.9	Yolk sac
32	1	White Perch		Yolk sac

START TIME : June 25, 1984 15:38
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 59.3 cubic meters
METER : 98
SAMPLE : 8019

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.4	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	5.4	Larval

(CONTINUED)

START TIME : June 25, 1984 15:38
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 59.3 cubic meters
METER : 98
SAMPLE : 8019

Fish ID	Number of fish	Species	Length (mm)	Life stage
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	5.2	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	5.4	Larval
14	1	Notropis sp.	5.1	Larval
15	1	Notropis sp.	4.6	Larval
16	1	Notropis sp.	5.2	Larval
17	1	Notropis sp.	4.6	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	5.4	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	5.4	Larval
24	1	Notropis sp.	4.3	Larval
25	1	Notropis sp.	4.8	Larval
26	1	Notropis sp.	5.1	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.1	Larval
29	1	Notropis sp.	5.2	Larval
30	1	Notropis sp.	4.6	Larval
31	1	White Perch	3.4	Larval
32	1	White Perch	3.4	Larval
33	1	White Perch	3.5	Larval
34	1	White Perch	3.6	Larval
35	1	White Perch	3.5	Larval
36	1	White Perch	3.4	Larval
37	1	White Perch	3.4	Larval
38	1	White Perch	3.5	Larval
39	1	White Perch	3.2	Larval
40	1	White Perch	3.4	Larval
41	1	White Perch	3.4	Larval
42	1	White Perch	3.4	Larval
43	1	White Perch	3.5	Larval
44	1	White Perch	3.7	Larval
45	1	White Perch	3.4	Larval
46	1	White Perch	3.4	Larval
47	1	White Perch	3.4	Larval
48	1	White Perch	3.4	Larval
49	1	White Perch	3.5	Larval
50	1	White Perch	3.6	Larval
51	1	White Perch	3.3	Larval
52	1	White Perch	3.4	Larval
53	1	White Perch	3.4	Larval
54	1	White Perch	3.6	Larval
55	1	White Perch	3.0	Yolk sac
56	1	White Perch	3.4	Yolk sac
57	1	White Perch	3.4	Yolk sac
58	1	White Perch	3.5	Yolk sac
59	1	White Perch	3.6	Yolk sac
60	6	White Perch		Yolk sac
61	1	Cyprinidae	5.4	Yolk sac

START TIME : June 25, 1984 15:49
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 21 seconds
VOLUME : 53.7 cubic meters
METER : 98
SAMPLE : 8020

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Larval
2	1	Notropis sp.	4.8	Larval
3	1	Notropis sp.	5.2	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	4.9	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	4.9	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	5.4	Larval
13	1	Notropis sp.	4.6	Larval
14	1	Notropis sp.	5.0	Larval
15	1	Notropis sp.	5.0	Larval
16	1	Notropis sp.	5.2	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.7	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	4.9	Larval
22	1	Notropis sp.	4.7	Larval
23	1	Notropis sp.	5.2	Larval
24	1	Notropis sp.	5.1	Larval
25	1	Notropis sp.	4.6	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	4.7	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	4.8	Larval
30	1	Notropis sp.	4.7	Larval
31	7	Notropis spp.		Indeterminate
32	1	White Perch	3.4	Larval
33	1	White Perch	3.4	Larval
34	1	White Perch	3.4	Larval
35	1	White Perch	3.3	Larval
36	1	White Perch	3.4	Larval
37	1	White Perch	3.1	Larval
38	1	White Perch	3.2	Larval
39	1	White Perch	3.3	Larval
40	1	White Perch	3.4	Larval
41	1	White Perch	3.1	Larval
42	1	White Perch	3.3	Larval
43	1	White Perch	3.4	Larval
44	1	White Perch	3.1	Larval
45	1	White Perch	3.3	Larval
46	1	White Perch	3.4	Larval
47	1	White Perch	3.5	Larval
48	1	White Perch	3.4	Larval
49	1	White Perch	3.1	Larval
50	1	White Perch	3.2	Larval
51	1	White Perch	3.4	Larval
52	5	White Perch		Larval
53	1	White Perch	2.9	Yolk sac
54	1	White Perch	3.2	Yolk sac
55	1	White Perch	3.4	Yolk sac
56	1	White Perch	3.5	Yolk sac
57	1	White Perch	3.6	Yolk sac
58	3	White Perch		Yolk sac

START TIME : June 27, 1984 07:55
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 3 seconds.
VOLUME : 94.3 cubic meters
METER : 61
SAMPLE : 8025

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	4.5	Larval
3	1	Notropis sp.	5.9	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	5.3	Larval
8	1	Notropis sp.	4.5	Larval
9	1	Notropis sp.	4.7	Larval
10	1	Notropis sp.	4.3	Larval
11	1	Notropis sp.	4.7	Larval
12	1	Notropis sp.	5.6	Larval
13	1	Notropis sp.	5.0	Larval
14	1	Notropis sp.	4.6	Larval
15	1	Notropis sp.	4.6	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	4.5	Larval
18	1	Notropis sp.	5.3	Larval
19	1	Notropis sp.	4.3	Larval
20	1	Notropis sp.	4.5	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.6	Larval
23	1	Notropis sp.	4.5	Larval
24	1	Notropis sp.	5.1	Larval
25	1	Notropis sp.	4.6	Larval
26	1	Notropis sp.	4.9	Larval
27	1	Notropis sp.	4.7	Larval
28	1	Notropis sp.	4.5	Larval
29	1	Notropis sp.	4.4	Larval
30	1	Notropis sp.	4.8	Larval
31	1	White Perch	2.6	Yolk sac
32	1	White Perch	3.0	Yolk sac
33	1	White Perch	3.1	Yolk sac
34	1	White Perch	3.2	Yolk sac
35	1	White Perch	3.6	Yolk sac
36	4	White Perch		Yolk sac
37	14	White Perch		Yolk sac

START TIME : June 27, 1984 07:55
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 3 seconds
VOLUME : 103.6 cubic meters
METER : 94
SAMPLE : 8026

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.1	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.3	Yolk sac
4	1	White Perch	3.3	Yolk sac
5	1	White Perch	3.1	Yolk sac
6	1	White Perch	3.1	Yolk sac
7	1	White Perch	2.9	Yolk sac
8	1	White Perch	3.2	Yolk sac
9	1	White Perch	3.3	Yolk sac
10	1	White Perch	3.3	Yolk sac
11	1	White Perch	2.8	Yolk sac
12	1	White Perch	2.9	Yolk sac
13	1	White Perch	3.0	Yolk sac
14	1	White Perch	3.1	Yolk sac
15	1	White Perch	3.4	Yolk sac
16	1	White Perch	3.4	Yolk sac
17	1	White Perch	3.1	Yolk sac
18	1	White Perch	3.4	Yolk sac
19	1	White Perch	3.1	Yolk sac
20	1	White Perch	3.4	Yolk sac
21	1	White Perch	3.1	Yolk sac
22	1	White Perch	3.3	Yolk sac
23	1	White Perch	3.1	Yolk sac
24	1	White Perch	3.4	Yolk sac
25	1	White Perch	3.3	Yolk sac
26	1	White Perch	3.4	Yolk sac
27	1	White Perch	3.1	Yolk sac
28	1	White Perch	3.0	Yolk sac
29	1	White Perch	2.9	Yolk sac
30	1	White Perch	3.0	Yolk sac
31	29	White Perch		Indeterminate
32	1	Carp	5.9	Yolk sac
33	1	Notropis sp.	4.4	Larval
34	1	Notropis sp.	4.5	Larval
35	1	Notropis sp.	4.8	Larval
36	1	Notropis sp.	4.9	Larval
37	1	Notropis sp.	4.9	Larval
38	1	Notropis sp.	5.0	Larval
39	1	Notropis sp.	4.3	Larval

START TIME : June 27, 1984 08:10
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 10 seconds
VOLUME : 97.8 cubic meters
METER : 61
SAMPLE : 8027

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	787	Cyprinidae		Larval
2	1	Cyprinidae	4.9	Larval
3	1	Cyprinidae	4.7	Larval
4	1	Cyprinidae	4.7	Larval
5	1	Cyprinidae	4.5	Larval
6	1	Cyprinidae	5.3	Larval
7	1	Cyprinidae	5.4	Larval
8	1	Cyprinidae	5.2	Larval
9	1	Cyprinidae	4.9	Larval
10	1	Cyprinidae	4.6	Larval
11	1	Cyprinidae	5.5	Larval
12	1	Cyprinidae	4.8	Larval
13	1	Cyprinidae	4.6	Larval
14	1	Cyprinidae	4.8	Larval
15	1	Cyprinidae	5.1	Larval
16	1	Cyprinidae	4.8	Larval
17	1	Catostomidae	7.2	Yolk sac
18	1	White Perch	3.0	Yolk sac
19	1	White Perch	3.5	Yolk sac
20	1	White Perch	3.7	Yolk sac
21	1	White Perch		Yolk sac
22	1	White Perch	2.8	Yolk sac
23	1	White Perch	3.3	Yolk sac
24	14	White Perch		Yolk sac

START TIME : June 27, 1984 08:10
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 105.6 cubic meters
METER : 94
SAMPLE : 8028

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.7	Yolk sac
2	1	Notropis sp.	5.2	Yolk sac
3	1	Notropis sp.	5.2	Yolk sac
4	1	Notropis sp.	5.5	Yolk sac
5	1	Notropis sp.	5.7	Yolk sac
6	1	Notropis sp.	4.8	Yolk sac
7	1	Notropis sp.	5.1	Yolk sac
8	1	Notropis sp.	5.2	Yolk sac
9	1	Notropis sp.	5.2	Yolk sac
10	1	Notropis sp.	5.3	Yolk sac
11	1	Notropis sp.	5.5	Yolk sac
12	13	Notropis spp.		Yolk sac
13	1	White Perch	3.5	Yolk sac
14	1	White Perch	3.6	Yolk sac
15	1	White Perch	3.6	Yolk sac
16	1	White Perch	3.7	Yolk sac
17	1	White Perch	3.8	Yolk sac
18	1	White Perch	2.7	Yolk sac
19	1	White Perch	3.5	Yolk sac
20	1	White Perch	3.5	Yolk sac
21	1	White Perch	3.5	Yolk sac
22	1	White Perch	3.6	Yolk sac
23	20	White Perch		Yolk sac
24	1	White Perch	3.3	Yolk sac
25	1	White Perch	3.5	Yolk sac

START TIME : June 27, 1984 08:10
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 104.7 cubic meters
METER : 98
SAMPLE : 8029

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	4.6	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	4.6	Larval
5	1	Notropis sp.	4.6	Larval
6	1	Notropis sp.	4.5	Larval
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	4.6	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	4.6	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.5	Larval
17	1	Notropis sp.	4.6	Larval
18	1	Notropis sp.	4.7	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	5.2	Larval
21	1	Notropis sp.	4.5	Larval
22	1	Notropis sp.	4.3	Larval
23	1	Notropis sp.	4.4	Larval
24	1	Notropis sp.	4.6	Larval
25	1	Notropis sp.	4.5	Larval
26	1	Notropis sp.	4.3	Larval
27	1	Notropis sp.	4.3	Larval
28	1	Notropis sp.	4.4	Larval
29	1	Notropis sp.	4.5	Larval
30	1	Notropis sp.	4.7	Larval
31	10	Notropis spp.		Larval
32	1	White Perch	3.2	Yolk sac
33	1	White Perch	3.6	Yolk sac
34	1	White Perch	3.7	Yolk sac
35	1	White Perch	3.7	Yolk sac
36	1	White Perch	3.8	Yolk sac
37	57	White Perch		Yolk sac

START TIME : June 27, 1984 08:33
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 1 seconds
VOLUME : 81.1 cubic meters
METER : 61
SAMPLE : 8030

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.9	Yolk sac
2	1	White Perch	3.5	Yolk sac
3	1	White Perch		Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch	3.5	Yolk sac
6	354	Notropis spp.		Yolk sac
7	1	Notropis sp.	4.3	Yolk sac
8	1	Notropis sp.	4.8	Yolk sac
9	1	Notropis sp.	4.8	Yolk sac
10	1	Notropis sp.	4.9	Yolk sac
11	1	Notropis sp.	5.1	Yolk sac
12	1	Notropis sp.	5.2	Yolk sac
13	1	Notropis sp.	4.9	Yolk sac
14	1	Notropis sp.	6.0	Yolk sac
15	1	Notropis sp.	5.2	Yolk sac
16	1	Notropis sp.	5.1	Yolk sac
17	1	Notropis sp.	5.4	Yolk sac
18	1	Notropis sp.	4.7	Yolk sac
19	1	Notropis sp.	5.1	Yolk sac
20	1	Notropis sp.	4.8	Yolk sac
21	1	Notropis sp.	5.7	Yolk sac
22	1	Notropis sp.	4.8	Yolk sac
23	1	Notropis sp.	5.4	Yolk sac
24	1	Notropis sp.	4.8	Yolk sac
25	1	Notropis sp.	5.7	Yolk sac
26	1	Notropis sp.	4.8	Yolk sac
27	495	Notropis spp.		Yolk sac
28	1	White Perch	3.5	Yolk sac
29	1	White Perch	3.7	Yolk sac

START TIME : June 27, 1984 08:33
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 1 seconds
VOLUME : 87.3 cubic meters
METER : 94
SAMPLE : 8031

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.3	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	4.3	Larval
4	1	Notropis sp.	4.7	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.6	Larval
7	1	Notropis sp.	4.6	Larval
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	5.3	Larval
11	1	Notropis sp.	4.6	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	4.7	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	4.7	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	5.0	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	5.0	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.5	Larval
25	1	Notropis sp.	4.6	Larval
26	1	Notropis sp.	4.5	Larval
27	1	Notropis sp.	4.6	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	4.7	Larval
30	1	Notropis sp.	4.7	Larval
31	1	Notropis sp.	3.7	Larval
32	1	White Perch	3.2	Yolk sac
33	1	White Perch	3.5	Yolk sac
34	1	White Perch	3.5	Larval
35	1	White Perch	3.6	Yolk sac
36	1	White Perch	3.7	Larval
37	1	Carp	5.3	Yolk sac
38	1	Carp	7.0	Yolk sac

START TIME : June 27, 1984 08:50
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 5 seconds
VOLUME : 79.3 cubic meters
METER : 61
SAMPLE : 8032

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.4	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.0	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.0	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	4.7	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.7	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	4.6	Larval
18	1	Notropis sp.	5.0	Larval
19	1	Notropis sp.	5.4	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	4.9	Larval
22	1	Notropis sp.	5.1	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.7	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.7	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	5.1	Larval
31	1	White Perch	2.5	Yolk sac
32	1	White Perch	2.7	Yolk sac
33	1	White Perch	2.9	Yolk sac
34	1	White Perch	3.2	Larval
35	1	White Perch	3.3	Larval
36	1	White Perch	3.5	Larval
37	1	White Perch	3.6	Larval
38	1	White Perch	3.9	Larval
39	35	White Perch		Larval
40	1	Carp	7.0	Yolk sac
41	231	Notropis spp.		Larval

START TIME : June 27, 1984 08:50
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 5 seconds
VOLUME : 86.0 cubic meters
METER : 94
SAMPLE : 8033

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.5	Yolk sac
2	1	White Perch	3.7	Yolk sac
3	1	White Perch	3.7	Yolk sac
4	1	White Perch	3.8	Yolk sac
5	1	White Perch	3.8	Yolk sac
6	1	White Perch	3.0	Yolk sac
7	1	White Perch	3.5	Yolk sac
8	1	White Perch	3.5	Yolk sac
9	1	White Perch	3.5	Yolk sac
10	1	White Perch	3.6	Yolk sac
11	19	White Perch		Yolk sac
12	1	Notropis sp.	4.5	Yolk sac
13	1	Notropis sp.	5.0	Yolk sac
14	1	Notropis sp.	5.1	Yolk sac
15	1	Notropis sp.	5.2	Yolk sac
16	1	Notropis sp.		Yolk sac
17	1	Notropis sp.		Yolk sac
18	1	Notropis sp.		Yolk sac
19	1	Cyprinidae	4.2	Yolk sac
20	1	Cyprinidae	4.4	Yolk sac
21	1	Cyprinidae	4.5	Yolk sac
22	1	Cyprinidae	4.7	Yolk sac
23	1	Cyprinidae	4.9	Yolk sac
24	1	Catostomidae	6.3	Yolk sac

START TIME : June 27, 1984 09:10
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 79.8 cubic meters
METER : 61
SAMPLE : 8034

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	600	Notropis spp.		Larval
2	1	Notropis sp.	5.2	Larval
3	1	Notropis sp.	5.0	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	5.1	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	4.8	Larval
12	1	Notropis sp.	5.1	Larval
13	1	Notropis sp.	5.4	Larval
14	1	Notropis sp.	5.4	Larval
15	1	Notropis sp.	5.1	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	4.7	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	4.8	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	5.1	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	4.9	Larval
27	1	Notropis sp.	5.1	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	5.1	Larval
30	1	Notropis sp.	4.8	Larval
31	1	White Perch		Yolk sac

START TIME : June 27, 1984 09:10
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 84.0 cubic meters
METER : 94
SAMPLE : 8035

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Yolk sac
2	1	Notropis sp.	5.5	Yolk sac
3	1	Notropis sp.	5.5	Yolk sac
4	1	Notropis sp.	5.8	Yolk sac
5	1	Notropis sp.	5.8	Yolk sac
6	1	Notropis sp.	4.8	Yolk sac
7	1	Notropis sp.	5.1	Yolk sac
8	1	Notropis sp.	5.2	Yolk sac
9	1	Notropis sp.	5.6	Yolk sac
10	1	Notropis sp.	6.0	Yolk sac
11	6	Notropis spp.		Yolk sac
12	1	White Perch	3.2	Yolk sac
13	1	White Perch	3.6	Yolk sac
14	1	White Perch	3.6	Yolk sac
15	1	White Perch	3.6	Yolk sac
16	1	White Perch	3.8	Larval
17	1	White Perch	3.0	Yolk sac
18	1	White Perch	3.3	Yolk sac
19	1	White Perch	3.3	Yolk sac
20	1	White Perch	3.6	Yolk sac
21	1	White Perch	3.8	Yolk sac
22	13	White Perch		Yolk sac

START TIME : June 27, 1984 09:56
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 63.5 cubic meters
METER : 98
SAMPLE : 8036

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	4.9	Larval
3	1	Notropis sp.	5.0	Larval
4	1	Notropis sp.	5.0	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	5.2	Larval
7	27	Notropis spp.		Larval
8	1	Cyprinidae	4.7	Yolk sac
9	1	Cyprinidae	5.4	Yolk sac
10	1	Cyprinidae	6.0	Yolk sac
11	1	Cyprinidae	4.6	Yolk sac
12	1	Cyprinidae	5.0	Yolk sac
13	1	Cyprinidae		Yolk sac
14	1	White Perch	3.3	Yolk sac
15	1	White Perch	3.5	Larval
16	1	White Perch		Yolk sac
17	1	White Perch		Larval
18	1	White Perch		Larval
19	1	Indeterminate		Indeterminate

START TIME : June 27, 1984 10:19
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 6 seconds
VOLUME : 71.9 cubic meters
METER : 98
SAMPLE : 8037

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	64	Notropis spp.		Larval
2	1	Notropis sp.	4.6	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.7	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	3.4	Larval
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	4.9	Larval
9	1	Notropis sp.	4.3	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	4.9	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	5.1	Larval
14	1	Notropis sp.	4.6	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	3.4	Larval
18	1	Notropis sp.	5.1	Larval
19	1	Notropis sp.	4.6	Larval
20	1	Notropis sp.	5.0	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.6	Larval
25	1	Notropis sp.	4.8	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	4.3	Larval
28	1	Notropis sp.	4.6	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	4.8	Larval
31	1	White Perch	3.1	Yolk sac
32	1	White Perch	3.3	Yolk sac
33	1	White Perch	3.3	Yolk sac
34	1	White Perch	3.3	Yolk sac
35	1	White Perch	3.5	Yolk sac
36	1	White Perch		Yolk sac

START TIME : June 27, 1984 10:31
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 7 seconds
VOLUME : 79.6 cubic meters
METER : 98
SAMPLE : 8038

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	164	Notropis spp.		Yolk sac
2	1	Notropis sp.	4.8	Yolk sac
3	1	Notropis sp.	4.8	Yolk sac
4	1	Notropis sp.	5.2	Yolk sac
5	1	Notropis sp.	5.2	Yolk sac
6	1	Notropis sp.	4.8	Yolk sac
7	1	Notropis sp.	5.1	Yolk sac
8	1	Notropis sp.	5.4	Yolk sac
9	1	Notropis sp.	4.9	Yolk sac
10	1	Notropis sp.	5.4	Yolk sac
11	1	Notropis sp.	5.1	Yolk sac
12	1	Notropis sp.	5.5	Yolk sac
13	1	Notropis sp.	5.3	Yolk sac
14	1	Notropis sp.	5.2	Yolk sac
15	1	Notropis sp.	5.2	Yolk sac
16	1	Notropis sp.	5.1	Yolk sac
17	1	Notropis sp.	4.8	Yolk sac
18	1	Notropis sp.	5.0	Yolk sac
19	1	Notropis sp.	4.6	Yolk sac
20	1	Notropis sp.	5.4	Yolk sac
21	1	Notropis sp.	5.5	Yolk sac
22	1	Notropis sp.	5.2	Yolk sac
23	1	Notropis sp.	4.8	Yolk sac
24	1	Notropis sp.	5.1	Yolk sac
25	1	Notropis sp.	4.8	Yolk sac
26	1	Notropis sp.	5.2	Yolk sac
27	1	Notropis sp.	4.8	Yolk sac
28	1	Notropis sp.	5.1	Yolk sac
29	1	Notropis sp.	5.2	Yolk sac
30	1	Notropis sp.	4.8	Yolk sac
31	1	Catostomidae	7.2	Yolk sac
32	1	White Perch	3.5	Yolk sac
33	1	White Perch	3.5	Yolk sac
34	1	White Perch	3.5	Yolk sac
35	1	White Perch	3.5	Yolk sac
36	1	White Perch		Yolk sac
37	1	White Perch	2.7	Yolk sac
38	1	White Perch	3.3	Yolk sac

START TIME : June 29, 1984 07:25
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 76.9 cubic meters
METER : 61
SAMPLE : 8040

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	49	Notropis spp.		Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.6	Larval
4	1	Notropis sp.	4.3	Larval
5	1	Notropis sp.	4.7	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	4.6	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	5.0	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	5.4	Larval
13	1	Notropis sp.	5.0	Larval
14	1	Notropis sp.	5.4	Larval
15	1	Notropis sp.	5.1	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	4.6	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	5.0	Larval
20	1	Notropis sp.	5.1	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.8	Larval
25	1	Notropis sp.	4.8	Larval
26	1	Notropis sp.	4.6	Larval
27	1	White Perch	2.7	Yolk sac
28	1	White Perch	3.4	Larval
29	1	White Perch	3.6	Yolk sac
30	1	White Perch	3.6	Yolk sac
31	5	White Perch		Indeterminate
32	1	Carp	6.6	Yolk sac

START TIME : June 29, 1984 07:37
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 83.8 cubic meters
METER : 61
SAMPLE : 8041

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	4.9	Larval
7	1	Notropis sp.	5.2	Larval
8	1	Notropis sp.	4.5	Larval
9	1	Notropis sp.	4.5	Larval
10	1	Notropis sp.	4.7	Larval
11	1	Notropis sp.	5.0	Larval
12	1	Notropis sp.	4.5	Larval
13	1	Notropis sp.	5.4	Larval
14	1	Notropis sp.	5.3	Larval
15	1	Notropis sp.	4.6	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	5.3	Larval
18	1	Notropis sp.	4.9	Larval
19	1	Notropis sp.	4.7	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	5.2	Larval
22	1	Notropis sp.	5.1	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	5.0	Larval
25	1	Notropis sp.	4.6	Larval
26	1	Notropis sp.	4.7	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.7	Larval
29	1	Notropis sp.	5.7	Larval
30	1	Notropis sp.	4.3	Larval
31	121	Notropis spp.		Larval
32	1	White Perch	2.4	Yolk sac
33	1	White Perch	3.3	Yolk sac
34	1	White Perch	3.4	Yolk sac
35	1	White Perch	3.5	Larval
36	1	White Perch	3.5	Yolk sac
37	1	White Perch	3.6	Yolk sac
38	1	White Perch	3.6	Yolk sac

START TIME : June 29, 1984 07:37
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 95.2 cubic meters
METER : 94
SAMPLE : 8042

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Larval
2	1	White Perch	3.5	Larval
3	1	White Perch	3.4	Larval
4	1	White Perch	3.3	Larval
5	1	White Perch	3.1	Larval
6	1	White Perch	3.1	Larval
7	1	White Perch	3.4	Larval
8	1	White Perch	3.4	Larval
9	1	White Perch	3.3	Larval
10	1	White Perch	3.4	Larval
11	1	White Perch	3.1	Larval
12	1	White Perch	3.2	Larval
13	1	White Perch	3.3	Larval
14	1	White Perch	3.4	Larval
15	1	White Perch	3.5	Larval
16	1	White Perch	3.4	Larval
17	1	White Perch	3.4	Larval
18	1	White Perch	3.4	Larval
19	1	White Perch	3.4	Larval
20	1	White Perch	3.2	Larval
21	1	White Perch	3.2	Larval
22	1	White Perch	3.3	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.8	Larval
25	1	Notropis sp.	5.1	Larval
26	1	Notropis sp.	5.3	Larval
27	1	Notropis sp.	5.5	Larval
28	12	Notropis spp.		Larval
29	1	Carp	6.0	Yolk sac
30	1	Carp	6.1	Yolk sac
31	1	White Perch	2.7	Yolk sac
32	1	White Perch	3.5	Yolk sac

START TIME : June 29, 1984 07:37
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 91.9 cubic meters
METER : 98
SAMPLE : 8043

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	2.9	Yolk sac
2	1	White Perch	3.4	Yolk sac
3	1	White Perch	3.4	Yolk sac
4	1	White Perch	3.4	Yolk sac
5	1	White Perch	3.3	Yolk sac
6	1	White Perch	3.4	Yolk sac
7	1	White Perch	3.4	Yolk sac
8	1	White Perch	3.4	Yolk sac
9	1	White Perch	3.6	Yolk sac
10	1	White Perch	3.3	Yolk sac
11	1	White Perch	3.4	Yolk sac
12	1	White Perch	3.4	Yolk sac
13	1	White Perch	3.3	Yolk sac
14	1	White Perch	3.4	Yolk sac
15	1	White Perch	3.5	Yolk sac
16	1	White Perch	3.6	Yolk sac
17	1	White Perch	3.4	Yolk sac
18	1	White Perch	3.4	Yolk sac
19	1	White Perch	3.1	Yolk sac
20	1	White Perch	3.4	Yolk sac
21	1	White Perch	3.4	Yolk sac
22	1	White Perch	3.4	Yolk sac
23	1	White Perch	3.3	Yolk sac
24	1	White Perch	3.3	Yolk sac
25	1	White Perch	3.2	Yolk sac
26	1	White Perch	3.4	Yolk sac
27	1	White Perch	3.1	Yolk sac
28	1	White Perch	3.4	Yolk sac
29	1	White Perch	3.5	Yolk sac
30	1	White Perch	3.4	Yolk sac
31	23	White Perch		Indeterminate
32	1	Centrarchidae	8.2	Larval
33	1	White Perch	2.5	Yolk sac
34	1	White Perch	3.4	Yolk sac
35	1	White Perch	3.6	Yolk sac
36	1	Carp	5.9	Yolk sac
37	1	Carp	6.7	Yolk sac
38	1	Cyprinidae	4.5	Yolk sac
39	1	Cyprinidae	4.8	Yolk sac
40	1	Notropis sp.	4.3	Larval
41	1	Notropis sp.	4.4	Larval
42	1	Notropis sp.	5.0	Larval
43	1	Notropis sp.	5.2	Larval
44	1	Notropis sp.	5.3	Larval
45	27	Notropis spp.		Larval

START TIME : June 29, 1984 07:56
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 79.3 cubic meters
METER : 61
SAMPLE : 8044

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1132	Notropis spp.		Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	4.6	Larval
7	1	Notropis sp.	5.3	Larval
8	1	Notropis sp.	4.7	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	5.3	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	4.6	Larval
15	1	Notropis sp.	5.5	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	5.4	Larval
18	1	Notropis sp.	4.9	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	5.2	Larval
21	1	Notropis sp.	4.9	Larval
22	1	Notropis sp.	5.3	Larval
23	1	Notropis sp.	5.1	Larval
24	1	Notropis sp.	4.9	Larval
25	1	Notropis sp.	5.1	Larval
26	1	Notropis sp.	5.4	Larval
27	1	Notropis sp.	4.9	Larval
28	1	Notropis sp.	4.7	Larval
29	1	Notropis sp.	4.9	Larval
30	1	Notropis sp.	4.8	Larval
31	1	White Perch	2.8	Yolk sac
32	1	White Perch	3.2	Yolk sac
33	1	White Perch	3.3	Yolk sac
34	1	White Perch	3.6	Larval
35	1	White Perch		Yolk sac
36	1	Carp	6.0	Yolk sac

START TIME : June 29, 1984 08:40
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 66.2 cubic meters
METER : 98
SAMPLE : 8045

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Catostomus sp.	5.7	Yolk sac
2	1	Catostomus sp.	5.8	Yolk sac
3	1	Catostomus sp.	6.3	Yolk sac
4	2	Catostomus spp.		Yolk sac
5	1	White Perch	2.8	Yolk sac
6	1	White Perch	3.2	Yolk sac
7	1	White Perch	3.3	Yolk sac
8	1	White Perch	3.7	Yolk sac
9	3	White Perch		Yolk sac
10	1	Notropis sp.	5.5	Yolk sac
11	1	Notropis sp.	5.6	Yolk sac
12	1	Notropis sp.	5.9	Yolk sac
13	1	Notropis sp.	5.2	Yolk sac
14	1	Notropis sp.	5.3	Yolk sac
15	1	Notropis sp.	5.6	Yolk sac
16	14	Notropis spp.		Yolk sac
17	1	White Perch	3.0	Yolk sac
18	3	White Perch		Yolk sac
19	1	Catostomus sp.		Yolk sac

START TIME : June 29, 1984 09:01
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 67.7 cubic meters
METER : 98
SAMPLE : 8046

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	4.9	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.5	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	4.7	Larval
7	1	Notropis sp.	5.2	Larval
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	5.0	Larval
15	1	Notropis sp.	4.6	Larval
16	1	Notropis sp.	5.0	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.9	Larval
19	1	Notropis sp.	4.8	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	4.8	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	4.6	Larval
29	1	Notropis sp.	4.6	Larval
30	1	Notropis sp.	4.9	Larval
31	36	Notropis spp.		Larval
32	1	Cyprinidae	5.4	Yolk sac
33	1	White Perch	2.6	Yolk sac
34	1	White Perch	2.8	Yolk sac
35	1	White Perch	3.4	Yolk sac
36	1	White Perch	3.5	Yolk sac
37	1	White Perch	3.5	Larval
38	8	White Perch		Indeterminate
39	1	White Perch	3.4	Larval
40	1	White Perch	3.7	Larval

START TIME : June 29, 1984 09:12
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 56 seconds
VOLUME : 50.7 cubic meters
METER : 98
SAMPLE : 8047

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	5.0	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	5.3	Larval
7	1	Notropis sp.	5.4	Larval
8	1	Notropis sp.	4.3	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	5.4	Larval
11	1	Notropis sp.	4.7	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	4.7	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	5.1	Larval
17	1	Notropis sp.	4.6	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	4.7	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	5.0	Larval
22	1	Notropis sp.	4.5	Larval
23	19	Notropis spp.		Larval
24	1	White Perch	2.6	Yolk sac
25	1	White Perch	3.4	Yolk sac
26	1	White Perch	3.5	Yolk sac
27	1	White Perch	3.7	Larval
28	1	White Perch	3.3	Yolk sac
29	1	White Perch	3.4	Yolk sac
30	1	White Perch	3.7	Yolk sac
31	1	White Perch	4.0	Yolk sac

START TIME : July 3, 1984 13:17
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 55 seconds
VOLUME : 79.7 cubic meters
METER : 61
SAMPLE : 8048

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	4	Cyprinidae		Indeterminate
2	1	White Perch		Indeterminate
31	1	Notropis sp.	4.8	Larval
32	1	Notropis sp.	4.8	Larval
33	1	Notropis sp.	5.1	Larval
34	1	Notropis sp.	4.6	Larval
35	1	Notropis sp.	4.4	Larval
36	1	Notropis sp.	5.0	Larval
37	1	Notropis sp.	4.8	Larval
38	1	Notropis sp.	5.1	Larval
39	1	Notropis sp.	4.8	Larval
40	1	Notropis sp.	4.7	Larval
41	1	Notropis sp.	4.9	Larval
42	1	Notropis sp.	5.1	Larval
43	1	Notropis sp.	5.1	Larval
44	1	Notropis sp.	4.5	Larval
45	1	Notropis sp.	4.6	Larval
46	1	Notropis sp.	4.5	Larval
47	1	Notropis sp.	5.7	Larval
48	1	Notropis sp.	5.2	Larval
49	1	Notropis sp.	5.0	Larval
50	1	Notropis sp.	4.6	Larval
51	1	Notropis sp.	4.5	Larval
52	1	Notropis sp.	5.3	Larval
53	1	Notropis sp.	4.6	Larval
54	1	Notropis sp.	4.7	Larval
55	1	Notropis sp.	4.7	Larval
56	1	Notropis sp.	4.5	Larval
57	1	Notropis sp.	4.5	Larval
58	1	Notropis sp.	5.1	Larval
59	1	Notropis sp.	4.6	Larval
60	1	Notropis sp.	4.6	Larval
61	316	Notropis spp.		Larval
62	1	White Perch	3.3	Yolk sac
63	1	White Perch	3.6	Yolk sac
64	1	White Perch		Indeterminate

START TIME : July 3, 1984 13:26
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 10 seconds
VOLUME : 107.0 cubic meters
METER : 61
SAMPLE : 8049

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	5.5	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.1	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	4.9	Larval
8	1	Notropis sp.	5.1	Larval
9	1	Notropis sp.	5.2	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	4.5	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	4.9	Larval
14	1	Notropis sp.	5.6	Larval
15	1	Notropis sp.	4.5	Larval
16	1	Notropis sp.	4.5	Larval
17	1	Notropis sp.	5.5	Larval
18	1	Notropis sp.	4.7	Larval
19	1	Notropis sp.	5.0	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	4.9	Larval
23	1	Notropis sp.	5.1	Larval
24	1	Notropis sp.	5.0	Larval
25	1	Notropis sp.	5.6	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	5.5	Larval
28	1	Notropis sp.	5.1	Larval
29	1	Notropis sp.	4.5	Larval
30	1	Notropis sp.	4.6	Larval
31	413	Notropis spp.		Larval
32	1	Catostomus sp.	6.5	Yolk sac
33	1	Catostomus sp.		Yolk sac

START TIME : July 3, 1984 13:26
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 135.8 cubic meters
METER : 94
SAMPLE : 8050

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.1	Larval
2	1	White Perch	3.4	Larval
3	1	White Perch	3.1	Larval
4	1	White Perch	3.1	Larval
5	1	White Perch	3.4	Larval
6	1	White Perch	3.4	Larval
7	1	White Perch	3.3	Larval
8	1	White Perch	3.4	Larval
9	1	White Perch	3.3	Larval
10	1	White Perch	3.5	Larval
11	1	White Perch	3.5	Larval
12	1	White Perch	3.4	Larval
13	1	White Perch	3.1	Larval
14	1	White Perch	3.4	Larval
15	1	White Perch	3.4	Larval
16	1	White Perch	3.1	Larval
17	1	White Perch	3.4	Larval
18	1	White Perch	3.3	Larval
19	1	White Perch	3.2	Larval
20	1	White Perch	3.4	Larval
21	1	White Perch	3.5	Larval
22	1	White Perch	3.2	Larval
23	1	White Perch	3.3	Larval
24	1	White Perch	3.2	Larval
25	1	White Perch	3.5	Larval
26	1	White Perch	3.1	Larval
27	1	White Perch	3.7	Larval
28	1	White Perch	3.5	Larval
29	1	White Perch	3.6	Larval
30	1	White Perch	3.4	Larval
31	1	Notropis sp.	4.8	Larval
32	1	Notropis sp.	4.9	Larval
33	1	Notropis sp.	4.9	Larval
34	1	Notropis sp.	4.8	Larval
35	1	Notropis sp.	5.1	Larval
36	7	Notropis spp.		Larval
37	37	White Perch		Larval
38	1	Carp	6.0	Yolk sac
39	1	Carp	7.5	Yolk sac

START TIME : July 3, 1984 13:26
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 115.3 cubic meters
METER : 98
SAMPLE : 8051

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Larval
2	1	White Perch	3.4	Larval
3	1	White Perch	3.3	Larval
4	1	White Perch	3.4	Larval
5	1	White Perch	3.1	Larval
6	1	White Perch	3.1	Larval
7	1	White Perch	3.7	Larval
8	1	White Perch	2.7	Larval
9	1	White Perch	3.1	Larval
10	1	White Perch	3.1	Larval
11	1	White Perch	3.1	Larval
12	1	White Perch	3.2	Larval
13	1	White Perch	3.1	Larval
14	1	White Perch	3.2	Larval
15	1	White Perch	3.1	Larval
16	1	White Perch	3.4	Larval
17	1	White Perch	3.1	Larval
18	1	White Perch	3.7	Larval
19	1	White Perch	3.4	Larval
20	1	White Perch	3.4	Larval
21	1	White Perch	3.4	Larval
22	1	White Perch	3.4	Larval
23	1	White Perch	3.3	Larval
24	1	White Perch	3.1	Larval
25	1	White Perch	3.5	Larval
26	1	White Perch	3.2	Larval
27	1	White Perch	3.1	Larval
28	1	White Perch	3.4	Larval
29	1	White Perch	3.5	Larval
30	1	White Perch	3.4	Larval
31	1	White Perch	3.4	Yolk sac
32	1	White Perch		Indeterminate
33	29	Notropis spp.		Yolk sac
34	1	Cyprinidae	4.2	Yolk sac
35	1	Cyprinidae	4.3	Yolk sac
36	1	Cyprinidae	4.5	Yolk sac
37	10	White Perch		Larval

START TIME : July 3, 1984 13:45
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 26 seconds
VOLUME : 87.8 cubic meters
METER : 61
SAMPLE : 8052

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.7	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.2	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	4.7	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	5.3	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	5.1	Larval
14	1	Notropis sp.	5.2	Larval
15	1	Notropis sp.	4.9	Larval
16	1	Notropis sp.	4.7	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	5.4	Larval
20	1	Notropis sp.	5.0	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	5.2	Larval
23	1	Notropis sp.	4.7	Larval
24	1	Notropis sp.	5.1	Larval
25	1	Notropis sp.	5.1	Larval
26	1	Notropis sp.	4.7	Larval
27	1	Notropis sp.	5.0	Larval
28	1	Notropis sp.	4.5	Larval
29	1	Notropis sp.	5.2	Larval
30	1	Notropis sp.	4.8	Larval
31	181	Notropis spp.		Larval

START TIME : July 3, 1984 12:36
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 56.4 cubic meters
METER : 98
SAMPLE : 8053

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	5.4	Yolk sac
2	1	Cyprinidae	5.8	Yolk sac
3	1	Cyprinidae	5.1	Yolk sac
4	1	Cyprinidae	5.7	Yolk sac
5	1	Cyprinidae	5.2	Yolk sac
6	1	Cyprinidae	5.1	Yolk sac
7	1	Cyprinidae	5.7	Yolk sac
8	1	Cyprinidae	5.7	Yolk sac
9	1	Cyprinidae	5.7	Yolk sac
10	1	Cyprinidae	5.5	Yolk sac
11	1	Cyprinidae	5.4	Yolk sac
12	1	Cyprinidae	5.6	Yolk sac
13	1	Cyprinidae	5.4	Yolk sac
14	1	Cyprinidae	5.5	Yolk sac
15	1	White Perch	3.4	Yolk sac
16	1	Cyprinidae	4.3	Yolk sac
17	1	Cyprinidae	4.0	Yolk sac
18	1	Cyprinidae	4.0	Yolk sac
19	1	White Perch	2.9	Yolk sac
20	1	White Perch	3.6	Yolk sac
21	1	White Perch	3.1	Yolk sac
22	1	White Perch	3.2	Yolk sac
23	1	White Perch	3.0	Yolk sac
24	1	Cyprinidae	4.1	Yolk sac
25	1	White Perch	3.4	Yolk sac
26	1	White Perch	3.1	Yolk sac
27	1	White Perch	3.1	Yolk sac
28	1	White Perch	2.8	Yolk sac
31	1	Notropis sp.	5.8	Larval
32	1	Notropis sp.	5.8	Larval
33	1	Notropis sp.	4.6	Larval
34	1	Notropis sp.	4.6	Larval
35	1	Notropis sp.	4.6	Larval
36	1	Notropis sp.	4.7	Larval
37	1	Notropis sp.	5.1	Larval
38	1	Notropis sp.	5.1	Larval
39	1	Notropis sp.	4.5	Larval
40	1	Notropis sp.	4.3	Larval
41	1	Notropis sp.	4.6	Larval
42	1	Notropis sp.	5.7	Larval
43	1	Notropis sp.	4.8	Larval
44	1	Notropis sp.	5.7	Larval
45	1	Notropis sp.	4.6	Larval
46	1	Notropis sp.	4.5	Larval
47	1	Notropis sp.	4.6	Larval
48	1	Notropis sp.	5.4	Larval
49	1	Notropis sp.	5.1	Larval
50	1	Notropis sp.	4.8	Larval

START TIME : July 3, 1984 12:16
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 6 seconds
VOLUME : 49.5 cubic meters
METER : 98
SAMPLE : 8054

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Larval
2	1	Notropis sp.	4.8	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.7	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.2	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	4.8	Larval
9	1	Notropis sp.	5.2	Larval
10	1	Notropis sp.	4.7	Larval
11	1	Notropis sp.	5.4	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	5.3	Larval
14	1	Notropis sp.	5.2	Larval
15	1	Notropis sp.	4.5	Larval
16	1	Notropis sp.	4.9	Larval
17	1	Notropis sp.	5.0	Larval
18	1	Notropis sp.	5.0	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	4.9	Larval
21	1	Notropis sp.	4.9	Larval
22	1	Notropis sp.	4.5	Larval
23	1	Notropis sp.	5.1	Larval
24	1	Notropis sp.	5.1	Larval
25	1	Notropis sp.	4.8	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	5.1	Larval
28	1	Notropis sp.	5.3	Larval
29	1	Notropis sp.	5.1	Larval
30	1	Notropis sp.	4.7	Larval
31	10	Notropis spp.		Indeterminate
32	1	White Perch	3.3	Yolk sac
33	1	White Perch	3.4	Larval
34	1	White Perch	3.5	Larval
35	1	White Perch	3.5	Larval
36	1	White Perch		Indeterminate

START TIME : July 3, 1984 12:06
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 10 seconds
VOLUME : 52.8 cubic meters
METER : 98
SAMPLE : 8055

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.7	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	5.7	Larval
6	1	Notropis sp.	5.7	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	4.5	Larval
9	1	Notropis sp.	5.3	Larval
10	1	Notropis sp.	5.1	Larval
11	1	Notropis sp.	6.0	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	5.4	Larval
14	1	Notropis sp.	5.4	Larval
15	1	Notropis sp.	4.5	Larval
16	1	Notropis sp.	4.9	Larval
17	1	Notropis sp.	5.0	Larval
18	1	Notropis sp.	5.4	Larval
19	1	Notropis sp.	5.2	Larval
20	1	Notropis sp.	5.6	Larval
21	1	Notropis sp.	4.8	Larval
22	1	Notropis sp.	4.7	Larval
23	1	Notropis sp.	5.0	Larval
24	1	Notropis sp.	5.2	Larval
25	1	Notropis sp.	4.4	Larval
26	1	Notropis sp.	4.7	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	5.0	Larval
29	1	Notropis sp.	4.7	Larval
30	1	Notropis sp.	5.1	Larval
31	55	Notropis spp.		Larval
32	1	Carp	6.2	Yolk sac
33	1	Cyprinidae	3.7	Yolk sac
34	1	White Perch	3.9	Larval
35	1	White Perch	3.4	Larval
36	1	White Perch	3.5	Yolk sac

START TIME : July 5, 1984 12:45
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 83.8 cubic meters
METER : 61
SAMPLE : 8056

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	4.6	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	4.3	Larval
8	1	Notropis sp.	4.7	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	4.7	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.1	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	5.0	Larval
16	1	Notropis sp.	4.5	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	4.1	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.5	Larval
22	1	Notropis sp.	4.7	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.7	Larval
25	1	Notropis sp.	4.9	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	4.6	Larval
28	1	Notropis sp.	5.6	Larval
29	1	Notropis sp.	4.4	Larval
30	1	Notropis sp.	5.7	Larval
31	31	Notropis spp.		Larval
32	1	Carp	6.5	Yolk sac
33	1	White Perch	3.3	Larval
34	1	White Perch	3.3	Larval
35	1	White Perch	3.5	Yolk sac
36	1	White Perch	3.6	Larval
37	1	White Perch	3.6	Larval
38	5	White Perch		Indeterminate

START TIME : July 5, 1984 12:45
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 91.7 cubic meters
METER : 94
SAMPLE : 8057

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Larval
2	1	White Perch	3.4	Larval
3	1	White Perch	3.1	Larval
4	1	White Perch	3.2	Larval
5	1	White Perch	3.1	Larval
6	1	White Perch	3.5	Larval
7	1	White Perch	3.4	Larval
8	1	White Perch	3.4	Larval
9	1	White Perch	3.5	Larval
10	1	White Perch	3.5	Larval
11	1	White Perch	3.6	Larval
12	1	White Perch	3.4	Larval
13	1	White Perch	3.1	Larval
14	1	White Perch	3.4	Larval
15	1	White Perch	3.4	Larval
16	1	White Perch	3.1	Larval
17	1	White Perch	3.4	Larval
18	1	White Perch	3.5	Larval
19	1	White Perch	3.4	Larval
20	1	White Perch	3.4	Larval
21	1	White Perch	3.4	Larval
22	1	White Perch	3.3	Larval
23	1	White Perch	3.3	Larval
24	1	White Perch	3.4	Larval
25	1	White Perch	3.5	Larval
26	1	White Perch	3.4	Larval
27	1	White Perch	3.1	Larval
28	1	White Perch	3.1	Larval
29	1	White Perch	3.0	Larval
30	1	White Perch	3.3	Larval
31	1	Cyprinidae		Indeterminate
32	10	Cyprinidae		Indeterminate
33	1	Carp	7.2	Yolk sac
34	1	Carp	7.5	Yolk sac
35	1	White Perch	3.2	Larval
36	1	White Perch	3.4	Larval
37	1	White Perch	3.4	Larval
38	1	White Perch	3.5	Larval
39	1	White Perch		Larval
40	20	White Perch		Larval

START TIME : July 5, 1984 12:58
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 95.3 cubic meters
METER : 61
SAMPLE : 8058

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.4	Larval
2	1	Notropis sp.	4.6	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	4.3	Larval
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	5.4	Larval
10	1	Notropis sp.	4.6	Larval
11	1	Notropis sp.	4.5	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	5.1	Larval
14	1	Notropis sp.	5.1	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.6	Larval
17	1	Notropis sp.	5.2	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	4.8	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.8	Larval
25	1	Notropis sp.	3.6	Larval
26	1	Notropis sp.	4.8	Larval
27	1	Notropis sp.	4.8	Larval
28	1	Notropis sp.	5.4	Larval
29	1	Notropis sp.	4.7	Larval
30	1	Notropis sp.	4.8	Larval
31	79	Notropis spp.		Larval

START TIME : July 5, 1984 12:58
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 59 seconds
VOLUME : 100.1 cubic meters
METER : 94
SAMPLE : 8059

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Larval
2	1	White Perch	3.4	Larval
3	1	White Perch	3.3	Larval
4	1	White Perch	3.2	Larval
5	1	White Perch	3.2	Larval
6	1	White Perch	3.3	Larval
7	1	White Perch	3.4	Larval
8	1	White Perch	3.5	Larval
9	1	White Perch	3.3	Larval
10	1	White Perch	3.4	Larval
11	1	White Perch	3.1	Larval
12	1	White Perch	3.7	Larval
13	1	White Perch	3.4	Larval
14	1	White Perch	3.5	Larval
15	1	White Perch	3.4	Larval
16	1	White Perch	3.3	Larval
17	1	White Perch	3.6	Larval
18	1	White Perch	3.6	Larval
19	1	White Perch	3.4	Larval
20	1	White Perch	3.4	Larval
21	1	White Perch	3.4	Larval
22	1	White Perch	3.1	Larval
23	1	White Perch	3.2	Larval
24	1	White Perch	3.3	Larval
25	1	White Perch	3.0	Larval
26	1	White Perch	3.1	Larval
27	1	White Perch	3.1	Larval
28	1	White Perch	3.0	Larval
29	1	White Perch	2.8	Larval
30	1	White Perch	3.4	Larval
31	17	White Perch		Larval
32	1	Notropis sp.	4.1	Yolk sac
33	1	Notropis sp.	4.2	Yolk sac
34	1	Notropis sp.	4.2	Yolk sac
35	1	Notropis sp.	4.3	Yolk sac
36	1	Notropis sp.	4.8	Yolk sac
37	1	Notropis sp.	4.8	Yolk sac
38	10	Notropis spp.		Yolk sac
39	1	Carp	6.4	Yolk sac
40	1	White Perch	3.5	Larval
41	1	White Perch	3.1	Larval
42	1	White Perch	3.5	Yolk sac
43	2	White Perch		Yolk sac

START TIME : July 5, 1984 12:58
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 8 minutes, 59 seconds
VOLUME : 94.5 cubic meters
METER : 98
SAMPLE : 8060

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.4	Larval
2	1	White Perch	3.2	Larval
3	1	White Perch	3.7	Larval
4	1	White Perch	3.4	Larval
5	1	White Perch	3.4	Larval
6	1	White Perch	3.1	Larval
7	1	White Perch	3.4	Larval
8	1	White Perch	3.5	Larval
9	1	White Perch	3.1	Larval
10	1	White Perch	3.4	Larval
11	1	White Perch	3.4	Larval
12	1	White Perch	3.3	Larval
13	1	White Perch	3.2	Larval
14	1	White Perch	3.3	Larval
15	1	White Perch	3.3	Larval
16	1	White Perch	3.4	Larval
17	1	White Perch	3.4	Larval
18	1	White Perch	3.4	Larval
19	1	White Perch	3.4	Larval
20	1	White Perch	3.5	Larval
21	1	White Perch	3.4	Larval
22	1	White Perch	3.4	Larval
23	1	White Perch	3.6	Larval
24	1	White Perch	3.1	Larval
25	1	White Perch	3.2	Larval
26	1	White Perch	3.4	Larval
27	1	White Perch	3.2	Larval
28	1	White Perch	3.4	Larval
29	1	White Perch	3.3	Larval
30	1	White Perch	3.4	Larval
31	10	White Perch		Larval
32	19	Notropis spp.		Yolk sac
33	7	White Perch		Yolk sac
34	4	Cyprinidae		Yolk sac
35	1	Carp	7.0	Yolk sac
36	1	Carp	6.0	Yolk sac
37	1	Carp	7.3	Yolk sac
38	1	Carp	6.8	Yolk sac

START TIME : July 5, 1984 13:15
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 86.1 cubic meters
METER : 61
SAMPLE : 8061

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	527	Cyprinidae		Larval
2	1	Cyprinidae	5.5	Larval
3	1	Cyprinidae	4.8	Larval
4	1	Cyprinidae	4.6	Larval
5	1	Cyprinidae	4.7	Larval
6	1	Cyprinidae	4.7	Larval
7	1	Cyprinidae	4.8	Larval
8	1	Cyprinidae	4.6	Larval
9	1	Cyprinidae	5.3	Larval
10	1	Cyprinidae	4.7	Larval
11	1	Cyprinidae	5.3	Larval
12	1	Cyprinidae	4.1	Larval
13	1	Cyprinidae	5.4	Larval
14	1	Cyprinidae	5.1	Larval
15	1	Cyprinidae	5.1	Larval
16	1	Cyprinidae	4.8	Larval
17	1	Cyprinidae	5.1	Larval
18	1	Cyprinidae	5.3	Larval
19	1	Cyprinidae	5.4	Larval
20	1	Cyprinidae	4.6	Larval
21	1	Cyprinidae	5.4	Larval
22	1	Cyprinidae	5.1	Larval
23	1	Cyprinidae	5.8	Larval
24	1	Cyprinidae	5.1	Larval
25	1	Cyprinidae	5.0	Larval
26	1	Cyprinidae	4.7	Larval
27	1	Cyprinidae	4.8	Larval
28	1	Cyprinidae	5.1	Larval
29	1	Cyprinidae	4.8	Larval
30	1	Cyprinidae	5.4	Larval
31	1	Catostomidae	7.0	Yolk sac
32	1	Catostomidae	6.8	Yolk sac

START TIME : July 5, 1984 13:15
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 92.2 cubic meters
METER : 94
SAMPLE : 8062

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	4.3	Larval
2	1	White Perch	4.5	Larval
3	1	White Perch	3.5	Yolk sac
4	1	White Perch	3.5	Yolk sac
5	1	White Perch		Indeterminate
6	1	White Perch		Indeterminate
7	1	White Perch	3.6	Yolk sac
8	1	Notropis sp.	5.0	Yolk sac
9	1	Cyprinidae		Yolk sac
31	1	Notropis sp.	4.8	Larval
32	1	Notropis sp.	5.1	Larval
33	1	Notropis sp.	4.9	Larval
34	1	Notropis sp.	5.1	Larval
35	1	Notropis sp.	4.0	Larval
36	1	Notropis sp.	5.1	Larval
37	1	Notropis sp.	4.5	Larval
38	1	Notropis sp.	4.6	Larval
39	1	White Perch	3.1	Larval
40	1	White Perch	3.4	Larval
41	1	White Perch	3.5	Larval
42	1	White Perch	3.4	Larval
43	1	White Perch	3.1	Larval
44	1	White Perch	3.2	Larval
45	1	White Perch	3.3	Larval
46	1	White Perch	2.9	Larval
47	1	White Perch	3.2	Larval
48	1	White Perch	3.1	Larval
49	1	White Perch	3.4	Larval
50	1	White Perch	3.4	Larval
51	1	White Perch	3.2	Larval
52	1	White Perch	3.4	Larval
53	1	White Perch	3.1	Larval
54	1	White Perch	3.4	Larval
55	1	White Perch	3.4	Larval
56	1	White Perch	3.4	Larval
57	1	White Perch	3.2	Larval
58	1	White Perch	3.5	Larval
59	1	White Perch	3.0	Larval
60	1	White Perch	3.4	Larval
61	2	White Perch		Larval
62	1	Notropis sp.		Larval

START TIME : July 5, 1984 13:30
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 87.8 cubic meters
METER : 61
SAMPLE : 8063

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Yolk sac
2	1	Notropis sp.	5.0	Yolk sac
3	1	Notropis sp.	5.0	Yolk sac
4	1	Notropis sp.	5.0	Yolk sac
5	1	Notropis sp.	5.9	Yolk sac
6	3	Notropis spp.		Yolk sac
7	1	Notropis sp.	5.2	Yolk sac
8	1	Notropis sp.	5.3	Yolk sac
9	1	Notropis sp.	5.3	Yolk sac
10	1	Notropis sp.	5.5	Yolk sac
11	1	Notropis sp.	5.5	Yolk sac
12	54	Notropis spp.		Yolk sac
13	1	White Perch	3.2	Larval
14	1	White Perch	3.4	Larval
15	1	White Perch	3.5	Larval
16	1	White Perch	3.6	Larval
17	1	White Perch	3.8	Larval
18	1	White Perch	3.5	Larval
19	1	White Perch	3.5	Larval
20	2	White Perch		Larval
21	1	White Perch	3.4	Yolk sac

START TIME : July 5, 1984 13:30
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 97.3 cubic meters
METER : 94
SAMPLE : 8064

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch	3.3	Larval
2	1	White Perch	3.7	Larval
3	1	White Perch	3.7	Larval
4	1	White Perch	3.8	Larval
5	1	White Perch	3.8	Larval
6	1	White Perch	3.3	Larval
7	1	White Perch	3.6	Larval
8	1	White Perch	3.6	Larval
9	1	White Perch	3.7	Larval
10	1	White Perch	3.6	Larval
11	27	White Perch		Larval
12	1	Notropis sp.	4.4	Larval
13	1	Notropis sp.	4.6	Larval
14	1	Notropis sp.	4.7	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.9	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Cyprinidae	4.0	Yolk sac
19	1	Cyprinidae	4.2	Yolk sac
20	1	Cyprinidae	4.3	Yolk sac
21	1	Carp	7.3	Yolk sac

START TIME : July 5, 1984 13:45
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 3 seconds
VOLUME : 77.9 cubic meters
METER : 61
SAMPLE : 8065

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	196	Notropis spp.		Yolk sac
2	1	Notropis sp.	5.3	Yolk sac
3	1	Notropis sp.	4.8	Yolk sac
4	1	Notropis sp.	5.4	Yolk sac
5	1	Notropis sp.	4.6	Yolk sac
6	1	Notropis sp.	4.0	Yolk sac
7	1	Notropis sp.	4.8	Yolk sac
8	1	Notropis sp.	5.0	Yolk sac
9	1	Notropis sp.	5.1	Yolk sac
10	1	Notropis sp.	5.1	Yolk sac
11	1	Notropis sp.	4.6	Yolk sac
12	1	Notropis sp.	5.1	Yolk sac
13	1	Notropis sp.	4.8	Yolk sac
14	1	Notropis sp.	5.7	Yolk sac
15	1	Notropis sp.	4.8	Yolk sac
16	1	Notropis sp.	4.6	Yolk sac
17	1	Notropis sp.	4.7	Yolk sac
18	1	Notropis sp.	5.1	Yolk sac
19	1	Notropis sp.	4.7	Yolk sac
20	1	Notropis sp.	5.7	Yolk sac
21	1	Notropis sp.	4.8	Yolk sac
22	1	Notropis sp.	5.1	Yolk sac
23	1	Notropis sp.	5.7	Yolk sac
24	1	Notropis sp.	5.6	Yolk sac
25	1	Notropis sp.	5.1	Yolk sac
26	1	Notropis sp.	4.5	Yolk sac
27	1	Notropis sp.	5.4	Yolk sac
28	1	Notropis sp.	4.7	Yolk sac
29	1	Notropis sp.	5.5	Yolk sac
30	1	Notropis sp.	5.4	Yolk sac

START TIME : July 5, 1984 13:45
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 3 seconds
VOLUME : 84.8 cubic meters
METER : 94
SAMPLE : 8066

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	White Perch		Larval
2	1	White Perch	3.7	Larval
3	1	White Perch	3.5	Larval
4	1	White Perch	3.8	Larval
5	1	White Perch		Larval
6	1	Notropis sp.	4.9	Yolk sac
7	1	Notropis sp.	5.0	Yolk sac
8	1	Notropis sp.	5.2	Yolk sac
9	1	White Perch	3.7	Larval
10	1	Cyprinidae	6.2	Yolk sac
11	1	Notropis sp.	5.1	Yolk sac

START TIME : July 5, 1984 11:05
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 59 seconds
VOLUME : 52.9 cubic meters
METER : 98
SAMPLE : 8067

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Yolk sac
2	1	Notropis sp.	4.8	Yolk sac
3	1	Notropis sp.	4.8	Yolk sac
4	1	Notropis sp.	5.2	Yolk sac
5	1	Notropis sp.		Yolk sac
6	1	Notropis sp.	4.8	Yolk sac
7	1	Notropis sp.	5.0	Yolk sac
8	1	Notropis sp.	5.3	Yolk sac
9	1	Notropis sp.	5.3	Yolk sac
10	1	Notropis sp.	5.4	Yolk sac
11	10	Notropis spp.		Yolk sac
12	1	White Perch		Larval
13	1	White Perch		Larval
14	1	Cyprinidae	4.0	Yolk sac

START TIME : July 5, 1984 10:25
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 80.5 cubic meters
METER : 98
SAMPLE : 8068

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Yolk sac
2	1	Notropis sp.	5.0	Yolk sac
3	1	Notropis sp.	5.3	Yolk sac
4	1	Notropis sp.	5.3	Yolk sac
5	1	Notropis sp.	5.6	Yolk sac
6	1	Notropis sp.		Yolk sac
7	1	Notropis sp.	5.2	Yolk sac
8	1	Notropis sp.	5.3	Yolk sac
9	2	Notropis spp.		Yolk sac
10	1	Notropis sp.		Yolk sac
11	1	Notropis sp.	10.3	Larval
12	1	Notropis sp.	4.9	Yolk sac
13	1	Notropis sp.	5.1	Yolk sac
14	1	White Perch	3.1	Yolk sac
15	1	White Perch	4.9	Larval

START TIME : July 5, 1984 10:45
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 82.6 cubic meters
METER : 98
SAMPLE : 8069

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Carp	5.1	Yolk sac
2	1	Carp	5.2	Yolk sac
3	1	Carp	5.3	Yolk sac
4	1	Carp	5.4	Yolk sac
5	1	Carp	6.3	Yolk sac
6	1	Carp	6.0	Yolk sac
7	1	Carp	5.7	Yolk sac
9	1	Carp	5.8	Yolk sac
10	1	Carp	4.8	Yolk sac
11	1	Carp	5.6	Yolk sac
12	1	Carp	4.8	Yolk sac
13	1	Carp	5.9	Yolk sac
15	1	Notropis sp.	6.8	Larval
16	1	Carp	5.4	Yolk sac
17	1	Carp	5.7	Yolk sac
18	1	Carp	5.7	Yolk sac

START TIME : July 9, 1984 16:20
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 113.4 cubic meters
METER : 94
SAMPLE : 8079

REMARKS : Tow time approximate

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.6	Larval
2	1	Notropis sp.	5.6	Larval
3	1	Notropis sp.	5.7	Larval
4	1	Notropis sp.	5.7	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.1	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	4.9	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	5.0	Larval
12	1	Carp	5.8	Yolk sac
13	1	Carp	5.7	Yolk sac
14	1	Carp	5.9	Yolk sac
15	1	Carp	5.7	Yolk sac

START TIME : July 9, 1984 16:20
LOCATION : Station 5-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 112.2 cubic meters
METER : 61
SAMPLE : 8080

REMARKS : Tow time approximate

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Rock Bass	8.5	Larval
2	1	Catostomidae	6.8	Yolk sac
3	1	Notropis sp.	5.1	Yolk sac
4	1	White Perch	2.9	Yolk sac

START TIME : July 9, 1984 16:35
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 85.6 cubic meters
METER : 94
SAMPLE : 8081

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.6	Larval
4	1	Notropis sp.		Indeterminate
5	1	Notropis sp.		Indeterminate
6	1	Notropis sp.	5.5	Larval

START TIME : July 9, 1984 16:35
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 84.6 cubic meters
METER : 61
SAMPLE : 8082

NO CATCH FOR THIS COLLECTION

START TIME : July 9, 1984 16:35
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 82.9 cubic meters
METER : 98
SAMPLE : 8083

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Yolk sac
2	1	Notropis sp.	6.8	Larval

START TIME : July 9, 1984 16:52
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 82.7 cubic meters
METER : 94
SAMPLE : 8084

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	5.2	Larval
3	1	Notropis sp.	5.5	Larval

START TIME : July 9, 1984 16:52
LOCATION : Station 5-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 81.1 cubic meters
METER : 61
SAMPLE : 8085

NO CATCH FOR THIS COLLECTION

START TIME : July 9, 1984 17:11
LOCATION : Station 4-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 85.9 cubic meters
METER : 94
SAMPLE : 8086

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	7.0	Larval
2	3	Notropis spp.		Larval

START TIME : July 9, 1984 17:11
LOCATION : Station 4-Vermont, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 85.5 cubic meters
METER : 61
SAMPLE : 8087

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	9.0	Larval
2	1	White Perch	3.3	Yolk sac
3	1	Lepomis sp.	5.6	Yolk sac
4	1	Cyprinidae	4.2	Yolk sac

START TIME : July 9, 1984 17:24
LOCATION : Station 4-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 81.2 cubic meters
METER : 94
SAMPLE : 8088

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.2	Larval

START TIME : July 9, 1984 17:24
LOCATION : Station 4-New Hampshire, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 7 minutes, 0 seconds
VOLUME : 80.0 cubic meters
METER : 61
SAMPLE : 8089

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Carp	5.6	Yolk sac
2	1	Cyprinidae	4.5	Yolk sac

START TIME : July 9, 1984 18:11
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 9 seconds
VOLUME : 63.4 cubic meters
METER : 98
SAMPLE : 8090

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.4	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	5.0	Larval
4	1	Notropis sp.	5.5	Larval
5	1	Notropis sp.	5.6	Larval
6	1	Notropis sp.	4.4	Yolk sac
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	5.5	Larval
9	1	Notropis sp.	5.6	Larval
10	1	Notropis sp.	6.0	Larval
11	7	Notropis spp.		Indeterminate

START TIME : July 9, 1984 18:37
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 13 seconds
VOLUME : 69.0 cubic meters
METER : 98
SAMPLE : 8091

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.4	Yolk sac
2	1	Notropis sp.	4.6	Larval
3	1	Notropis sp.	4.7	Larval
4	1	Notropis sp.	4.7	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.9	Larval
7	1	Notropis sp.	5.7	Larval
8	1	Cyprinidae	3.9	Yolk sac

START TIME : July 9, 1984 18:47
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 45 seconds
VOLUME : 47.7 cubic meters
METER : 98
SAMPLE : 8092

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	3.8	Yolk sac
2	1	Cyprinidae	4.0	Yolk sac
3	1	Cyprinidae	4.1	Yolk sac
4	1	White Perch	3.6	Larval
5	1	White Perch	3.7	Larval
6	1	White Perch	3.7	Larval
7	1	White Perch	3.8	Larval
8	1	White Perch	3.5	Larval
9	1	White Perch	3.7	Larval
10	1	Lepomis sp.	6.2	Yolk sac
11	1	Notropis sp.	4.2	Yolk sac
12	1	Notropis sp.	4.8	Yolk sac
13	1	Notropis sp.	5.0	Yolk sac
14	1	Notropis sp.	5.2	Yolk sac
15	1	Notropis sp.	5.7	Yolk sac
16	7	Notropis spp.		Indeterminate
17	1	Cyprinidae	4.7	Yolk sac
18	1	Cyprinidae	4.2	Yolk sac

START TIME : July 11, 1984 15:50
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 84.1 cubic meters
METER : 94
SAMPLE : 8108

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	5.1	Larval
2	1	Lepomis sp.	6.3	Larval
3	1	Lepomis sp.	6.5	Larval

START TIME : July 11, 1984 16:03
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 92.3 cubic meters
METER : 94
SAMPLE : 8109

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	White Perch	6.0	Larval
3	1	Notropis sp.	7.2	Larval

START TIME : July 11, 1984 16:03
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 92.3 cubic meters
METER : 61
SAMPLE : 8110

NO CATCH FOR THIS COLLECTION

START TIME : July 11, 1984 16:03
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 0 seconds
VOLUME : 92.2 cubic meters
METER : 98
SAMPLE : 8111

NO CATCH FOR THIS COLLECTION

START TIME : July 11, 1984 16:20
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 0 seconds
VOLUME : 85.8 cubic meters
METER : 94
SAMPLE : 8112

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	8.6	Larval
2	1	Notropis sp.	5.3	Larval

START TIME : July 11, 1984 10:30
LOCATION : Station 2, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 5 seconds
VOLUME : 63.8 cubic meters
METER : 98
SAMPLE : 8113

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Lepomis sp.	5.2	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	4.7	Larval
4	1	Notropis sp.	5.5	Larval
5	1	Notropis sp.	6.3	Larval
6	1	Notropis sp.	5.4	Larval
7	1	Notropis sp.	5.3	Larval
8	1	Cyprinidae	4.0	Yolk sac
9	1	Cyprinidae	4.6	Yolk sac

START TIME : July 11, 1984 10:50
LOCATION : Station 3, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 3 seconds
VOLUME : 61.1 cubic meters
METER : 98
SAMPLE : 8114

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Larval
2	1	Notropis sp.	5.5	Larval
3	1	Notropis sp.	5.7	Larval
4	1	Notropis sp.	5.8	Larval
5	1	Notropis sp.	5.9	Larval
6	1	Notropis sp.	6.6	Larval
7	7	Notropis spp.		Larval
8	1	Cyprinidae	4.3	Yolk sac
9	1	Cyprinidae	4.5	Yolk sac

START TIME : July 11, 1984 11:58
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 3 minutes, 37 seconds
VOLUME : 45.6 cubic meters
METER : 98
SAMPLE : 8115

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.5	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.3	Larval
5	1	Notropis sp.	5.4	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	5.0	Larval
9	1	Notropis sp.	5.3	Larval
10	1	Notropis sp.	5.5	Larval
11	1	Notropis sp.	5.0	Larval

START TIME : July 17, 1984 08:45
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 80.0 cubic meters
METER : 94
SAMPLE : 8135

NO CATCH FOR THIS COLLECTION

START TIME : July 17, 1984 08:55
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 93.6 cubic meters
METER : 94
SAMPLE : 8136

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	4.8	Larval
4	1	Notropis sp.	5.1	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.7	Larval
7	1	Notropis sp.	4.8	Larval
8	1	Notropis sp.	5.0	Larval
9	1	Notropis sp.	4.8	Larval
10	1	Notropis sp.	5.0	Larval
11	1	Notropis sp.	4.8	Larval
12	1	Notropis sp.	4.9	Larval
13	1	Notropis sp.	4.7	Larval
14	1	Notropis sp.	4.7	Larval
15	1	Notropis sp.	4.8	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	4.7	Larval
19	1	Notropis sp.	4.9	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	4.7	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.7	Larval
25	1	Notropis sp.	4.5	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	4.6	Larval
28	1	Notropis sp.	4.6	Larval
29	1	Notropis sp.	4.7	Larval
30	1	Notropis sp.	4.9	Larval
31	24	Notropis spp.		Larval

START TIME : July 17, 1984 08:55
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 95.1 cubic meters
METER : 98
SAMPLE : 8137

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.7	Larval
2	1	Notropis sp.	5.7	Larval
3	12	Cyprinidae		Indeterminate

START TIME : July 17, 1984 08:55
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 2 seconds
VOLUME : 86.3 cubic meters
METER : 61
SAMPLE : 8138

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.4	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	4.6	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	4.6	Larval
6	1	Notropis sp.	4.4	Larval
7	1	Notropis sp.	4.3	Larval
8	1	Notropis sp.	5.1	Larval
9	1	Notropis sp.	4.6	Larval
10	1	Notropis sp.	4.9	Larval
11	1	Notropis sp.	4.7	Larval
12	1	Notropis sp.	4.7	Larval
13	1	Notropis sp.	4.5	Larval
14	1	Notropis sp.	5.2	Larval
15	1	Notropis sp.	4.9	Larval
16	1	Notropis sp.	4.8	Larval
17	1	Notropis sp.	4.0	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	4.1	Larval
20	1	Notropis sp.	5.0	Larval
21	1	Notropis sp.	4.6	Larval
22	1	Notropis sp.	4.5	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.5	Larval
25	1	Notropis sp.	5.0	Larval
26	1	Notropis sp.	4.6	Larval
27	1	Notropis sp.	4.5	Larval
28	1	Cyprinidae	4.2	Yolk sac
29	1	Cyprinidae	4.3	Yolk sac
30	1	Cyprinidae	4.3	Yolk sac
31	1	Cyprinidae	4.4	Yolk sac
32	1	Cyprinidae	4.6	Yolk sac

START TIME : July 17, 1984 09:18
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 15 seconds
VOLUME : 72.9 cubic meters
METER : 94
SAMPLE : 8139

Fish .ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	5.4	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	4.9	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	4.7	Larval
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	4.7	Larval
9	1	Notropis sp.	5.1	Larval
10	1	Notropis sp.	4.9	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	4.5	Larval
14	1	Notropis sp.	4.8	Larval
15	1	Notropis sp.	4.4	Larval
16	1	Notropis sp.	5.0	Larval
17	1	Notropis sp.	4.8	Larval
18	1	Notropis sp.	4.8	Larval
19	1	Notropis sp.	4.7	Larval
20	1	Notropis sp.	4.6	Larval
21	1	Notropis sp.	5.1	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.6	Larval
24	1	Notropis sp.	4.5	Larval
25	1	Notropis sp.	4.9	Larval
26	1	Notropis sp.	5.1	Larval
27	1	Notropis sp.	5.1	Larval
28	1	Notropis sp.	5.0	Larval
29	1	Notropis sp.	4.8	Larval
30	1	Notropis sp.	5.0	Larval
31	35	Notropis spp.		Larval

START TIME : July 17, 1984 10:20
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 2 seconds
VOLUME : 49.8 cubic meters
METER : 98
SAMPLE : 8140

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.1	Larval
2	1	Notropis sp.	5.2	Larval
3	1	Notropis sp.	5.4	Larval
4	1	Notropis sp.	5.5	Larval
5	1	Notropis sp.	5.6	Larval
6	1	Notropis sp.	4.8	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	5.1	Larval

START TIME : July 17, 1984 10:30
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 7 seconds
VOLUME : 62.6 cubic meters
METER : 98
SAMPLE : 8141

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Larval
2	1	Notropis sp.	5.1	Larval
3	1	Notropis sp.	5.3	Larval
4	1	Notropis sp.	5.3	Larval
5	1	Notropis sp.	5.8	Larval
6	1	Notropis sp.	4.9	Larval
7	1	Notropis sp.	5.0	Larval
8	1	Notropis sp.	5.1	Larval
9	1	Notropis sp.	5.2	Larval
10	1	Notropis sp.	5.6	Larval
11	12	Notropis spp.		Indeterminate
12	1	Carp	11.4	Larval

START TIME : July 17, 1984 10:50
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 7 seconds
VOLUME : 54.4 cubic meters
METER : 98
SAMPLE : 8142

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.0	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.3	Larval
5	1	Notropis sp.	5.3	Larval
6	1	Notropis sp.	4.9	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Cyprinidae	4.3	Yolk sac

START TIME : July 24, 1984 14:30
LOCATION : Station 5-Vermont, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 54 seconds
VOLUME : 67.7 cubic meters
METER : 98
SAMPLE : 8159

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	133	Notropis spp.		Larval
2	1	Notropis sp.	4.8	Larval
3	1	Notropis sp.	4.7	Larval
4	1	Notropis sp.	4.6	Larval
5	1	Notropis sp.	4.7	Larval
6	1	Notropis sp.	5.0	Larval
7	1	Notropis sp.	5.1	Larval
8	1	Notropis sp.	5.0	Larval
9	1	Notropis sp.	5.4	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	4.0	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	4.8	Larval
14	1	Notropis sp.	4.7	Larval
15	1	Notropis sp.	5.1	Larval
16	1	Notropis sp.	5.0	Larval
17	1	Notropis sp.	4.5	Larval
18	1	Notropis sp.	5.5	Larval
19	1	Notropis sp.	4.4	Larval
20	1	Notropis sp.	4.5	Larval
21	1	Notropis sp.	5.6	Larval
22	1	Notropis sp.	4.6	Larval
23	1	Notropis sp.	4.9	Larval
24	1	Notropis sp.	4.7	Larval
25	1	Notropis sp.	5.2	Larval
26	1	Notropis sp.	4.7	Larval
27	1	Notropis sp.	5.1	Larval
28	1	Notropis sp.	5.0	Larval
29	1	Notropis sp.	4.9	Larval
30	1	Notropis sp.	5.0	Larval

START TIME : July 24, 1984 14:45
LOCATION : Station 5-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 81.8 cubic meters
METER : 98
SAMPLE : 8160

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	5.2	Larval
2	1	Notropis sp.	4.9	Larval
3	1	Notropis sp.	4.5	Larval
4	1	Notropis sp.	4.6	Larval
5	1	Notropis sp.	4.8	Larval
6	1	Notropis sp.	5.2	Larval
7	1	Notropis sp.	4.6	Larval
8	1	Notropis sp.	5.4	Larval
9	1	Notropis sp.	4.5	Larval
10	1	Notropis sp.	4.9	Larval
11	1	Notropis sp.	5.1	Larval
12	1	Notropis sp.	4.8	Larval
13	1	Notropis sp.	5.3	Larval
14	1	Notropis sp.	4.6	Larval
15	1	Notropis sp.	4.5	Larval
16	1	Notropis sp.	4.9	Larval
17	1	Notropis sp.	5.1	Larval
18	1	Notropis sp.	5.2	Larval
19	1	Notropis sp.	5.1	Larval
20	1	Notropis sp.	5.3	Larval
21	1	Notropis sp.	5.3	Larval
22	1	Notropis sp.	4.2	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	5.4	Larval
25	1	Notropis sp.	4.7	Larval
26	1	Notropis sp.	5.0	Larval
27	1	Notropis sp.	4.5	Larval
28	1	Notropis sp.	4.8	Larval
29	1	Notropis sp.	4.8	Larval
30	1	Notropis sp.	4.8	Larval
31	73	Notropis spp.		Larval

START TIME : July 24, 1984 14:45
LOCATION : Station 5-Midstream, 6 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 83.6 cubic meters
METER : 94
SAMPLE : 8161

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Cyprinidae	4.0	Yolk sac
2	1	Cyprinidae	4.5	Yolk sac
3	1	Cyprinidae		Indeterminate

START TIME : July 24, 1984 14:45
LOCATION : Station 5-Midstream, 12 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 9 minutes, 5 seconds
VOLUME : 75.4 cubic meters
METER : 61
SAMPLE : 8162

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.1	Yolk sac
2	1	Notropis sp.	5.3	Yolk sac
3	1	Notropis sp.	6.1	Yolk sac
4	1	Notropis sp.	6.5	Yolk sac
5	4	Notropis spp.		Yolk sac
6	1	Notropis sp.	6.2	Yolk sac
7	1	Notropis sp.	6.9	Yolk sac
8	1	Cyprinidae	4.2	Yolk sac
9	1	Cyprinidae	4.5	Yolk sac

START TIME : July 24, 1984 15:00
LOCATION : Station 5-New Hampshire, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 58 seconds
VOLUME : 62.6 cubic meters
METER : 98
SAMPLE : 8163

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.8	Larval
2	1	Notropis sp.	4.8	Larval
3	1	Notropis sp.	4.7	Larval
4	1	Notropis sp.	4.8	Larval
5	1	Notropis sp.	4.7	Larval
6	1	Notropis sp.	4.7	Larval
7	1	Notropis sp.	4.5	Larval
8	1	Notropis sp.	4.3	Larval
9	1	Notropis sp.	4.9	Larval
10	1	Notropis sp.	4.8	Larval
11	1	Notropis sp.	4.6	Larval
12	1	Notropis sp.	4.6	Larval
13	1	Notropis sp.	4.8	Larval
14	1	Notropis sp.	4.7	Larval
15	1	Notropis sp.	4.6	Larval
16	1	Notropis sp.	4.5	Larval
17	1	Notropis sp.	5.4	Larval
18	1	Notropis sp.	4.6	Larval
19	1	Notropis sp.	4.7	Larval
20	1	Notropis sp.	4.8	Larval
21	1	Notropis sp.	5.5	Larval
22	1	Notropis sp.	4.8	Larval
23	1	Notropis sp.	4.8	Larval
24	1	Notropis sp.	4.9	Larval
25	1	Notropis sp.	5.0	Larval
26	1	Notropis sp.	4.7	Larval
27	1	Notropis sp.	4.1	Larval
28	1	Notropis sp.	4.5	Larval
29	1	Notropis sp.	5.1	Larval
30	20	Notropis spp.		Larval

START TIME : July 24, 1984 16:24
LOCATION : 0.1 Miles South of Vernon Dam, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 6 minutes, 32 seconds
VOLUME : 58.2 cubic meters
METER : 98
SAMPLE : 8164

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.9	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	5.5	Larval
4	1	Notropis sp.	5.3	Larval
5	1	Notropis sp.	5.3	Larval
6	24	Notropis spp.		Larval
7	1	Lepomis sp.	5.8	Larval
8	1	Cyprinidae	4.5	Yolk sac
9	1	Cyprinidae	4.6	Yolk sac

START TIME : July 24, 1984 16:12
LOCATION : Station 2-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 5 minutes, 4 seconds
VOLUME : 49.1 cubic meters
METER : 98
SAMPLE : 8165

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.6	Larval
2	1	Notropis sp.	4.7	Larval
3	1	Notropis sp.	5.1	Larval
4	2	Notropis spp.		Indeterminate

START TIME : July 24, 1984 15:47
LOCATION : Station 3-Midstream, 1 feet
METHOD : Ichthyoplankton net (0.5 meter)
ELAPSED TIME: 4 minutes, 57 seconds
VOLUME : 51.7 cubic meters
METER : 98
SAMPLE : 8166

Fish ID	Number of fish	Species	Length (mm)	Life stage
1	1	Notropis sp.	4.7	Larval
2	1	Notropis sp.	5.0	Larval
3	1	Notropis sp.	5.1	Larval
4	1	Notropis sp.	5.3	Larval
5	1	Notropis sp.	5.5	Larval
6	12	Notropis spp.		Indeterminate

Appendix F

Fish

END TIME: January 10, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7588

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Bullhead	63	2.4		
2	1	Yellow Perch	92	8.0		
3	1	Pumpkinseed	71	5.5		
4	1	Pumpkinseed	101	18		
5	1	Pumpkinseed	115	28		

END TIME: February 16, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7605

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	139	55		
2	1	Pumpkinseed	58	3.0		
3	1	White Perch	76	4.0		
4	1	Smallmouth Bass	73	3.0		

END TIME: March 9, 1984 12:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7608

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	210	185		
2	1	White Perch	105	14		
3	1	Pumpkinseed	100	15		
4	1	Rock Bass	80	10		

END TIME: March 14, 1984 08:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7617

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	128	28		
2	1	Smallmouth Bass	101	12		
3	1	Smallmouth Bass	83	5.5		
4	1	Smallmouth Bass	77	4.5		
5	1	White Perch	94	10		
6	1	White Perch	80	4.0		
7	1	Yellow Perch	82	4.0		
8	1	Spottail Shiner	56	2.1		

END TIME: March 20, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7618

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	97	10		
2	1	Spottail Shiner	74	3.6		
3	1	Spottail Shiner	62	1.6		

END TIME: March 29, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7619

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	270	253		
2	1	Pumpkinseed	103	16		
3	1	Smallmouth Bass	83	6.0		
4	1	Yellow Perch	101	9.0		
5	1	Yellow Perch	89	5.0		
6	1	Yellow Perch	77	3.0		
7	1	White Perch	97	9.0		
8	1	White Perch	87	5.0		
9	1	White Perch	81	4.0		
10	1	White Perch	80	3.0		
11	1	Spottail Shiner	80	3.0		
12	1	Spottail Shiner	79	3.0		
13	1	Spottail Shiner	73	2.0		
14	1	Spottail Shiner	71	2.0		
15	1	Spottail Shiner	72	2.0		
16	1	Spottail Shiner	66	1.0		
17	1	Spottail Shiner	66	1.0		

END TIME: April 5, 1984 14:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7620

REMARKS : Fish numbered 61-73 preserved (BLN 790)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
2	1	Yellow Perch	112	11		
3	1	Yellow Perch	97	7.0		
4	1	Yellow Perch	107	10		
5	1	Yellow Perch	99	8.0		
6	1	Yellow Perch	80	5.5		
7	1	Yellow Perch	78	6.0		
8	1	Yellow Perch	87	8.0		
9	1	Yellow Perch	112	15		
10	1	Yellow Perch	95	10		
11	1	Yellow Perch	97	9.0		
12	1	Yellow Perch	120	17		
13	56	Yellow Perch		361		
14	1	White Perch	76	5.5		
15	1	White Perch	82	8.0		
16	1	White Perch	81	6.0		
17	1	White Perch	94	10		
18	1	White Perch	161	40		
19	1	White Perch	79	5.6		
20	1	White Perch	83	5.0		
21	9	White Perch		34		
22	1	Smallmouth Bass	87	8.0		
23	1	Banded Killifish	76	4.0		
24	1	Rock Bass	55	2.0		
25	1	Rock Bass	47	1.0		
26	1	Rock Bass	47	2.0		
27	1	Rock Bass	55	3.2		
28	1	Rock Bass	73	7.5		
29	1	Rock Bass	180	10		
30	1	Rock Bass	215	201		
32	1	Golden Shiner	88	4.0		
34	1	Spottail Shiner	97	2.0		
35	1	Spottail Shiner	77	3.5		
36	1	Spottail Shiner	60	3.0		
37	1	Spottail Shiner	79	4.5		
38	1	Spottail Shiner	78	2.5		
39	1	Spottail Shiner	66	1.7		
40	1	Spottail Shiner	73	3.8		
41	1	Spottail Shiner	69	1.8		
42	1	Spottail Shiner	70	2.3		
43	1	Spottail Shiner	65	2.0		
44	8	Spottail Shiner		14		
61	1	Mimic Shiner	65	2.5		
62	1	Mimic Shiner	60	1.6		
63	1	Mimic Shiner	62	2.0		
64	1	Mimic Shiner	62	1.7		
65	1	Mimic Shiner	60	1.7		
66	1	Mimic Shiner	62	1.7		
67	1	Mimic Shiner	64	1.9		
68	1	Mimic Shiner	53	1.2		
69	1	Mimic Shiner	61	1.6		
70	1	Mimic Shiner	60	1.5		
71	1	Mimic Shiner	58	1.3		
72	1	Mimic Shiner	48	1.5		
73	1	Mimic Shiner	46	0.6		

END TIME: April 13, 1984 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7629

REMARKS : Fish numbered 61-92 preserved (BLN 804)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	103	9.6		
2	1	Yellow Perch	95	7.1		
3	1	Yellow Perch	80	4.7		
4	1	Yellow Perch	77	4.0		
5	1	Yellow Perch	82	4.7		
6	1	Yellow Perch	101	9.0		
7	1	Yellow Perch	93	6.2		
8	1	Yellow Perch	98	7.6		
9	1	Yellow Perch	93	7.2		
10	1	Yellow Perch	96	8.3		
11	1	Yellow Perch	115	13		
12	1	Yellow Perch	100	8.8		
13	1	Yellow Perch	98	9.1		
14	1	Yellow Perch	136	24		
15	1	Yellow Perch	102	9.5		
16	1	Yellow Perch	107	11		
17	1	Yellow Perch	96	6.9		
18	1	Yellow Perch	106	11		
19	1	Yellow Perch	100	9.3		
20	1	Yellow Perch	91	6.5		
21	1	Yellow Perch	100	8.7		
22	113	Yellow Perch		833		
23	1	White Perch	83	5.0		
24	1	White Perch	85	6.0		
25	1	White Perch	84	5.8		
26	1	White Perch	80	4.6		
27	1	White Perch	76	4.5		
28	1	White Perch	80	4.5		
29	1	White Perch	77	4.7		
30	1	White Perch	87	6.4		
31	1	White Perch	77	4.3		
32	1	White Perch	70	3.8		
33	1	Smallmouth Bass	76	4.8		
34	1	Smallmouth Bass	74	4.0		
35	1	Smallmouth Bass	89	7.6		
36	1	Smallmouth Bass	71	3.1		
37	1	Smallmouth Bass	66	3.0		
39	1	Bluegill	85	8.9		
40	1	Bluegill	68	3.8		
41	1	Bluegill	57	2.3		
42	1	Pumpkinseed	73	5.8		
43	1	Pumpkinseed	48	1.3		
44	1	Rock Bass	45	1.5		
45	1	Rock Bass	49	1.9		
46	1	Rock Bass	48	2.0		
47	1	Rock Bass	60	4.0		
48	1	Golden Shiner	94	6.2		
49	1	Golden Shiner	119	14		
50	1	Golden Shiner	155	37		
51	1	White Sucker	71	3.0		
52	1	Golden Shiner	129	21		
61	1	Silvery Minnow	78	4.0		
62	1	Silvery Minnow	81	4.3		
63	1	Silvery Minnow	81	4.6		
64	1	Silvery Minnow	81	4.7		
65	1	Mimic Shiner	57	1.1		
66	1	Spottail Shiner	66	1.9		
67	1	Spottail Shiner	76	3.1		

(CONTINUED)
END TIME: April 13, 1984 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7629

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
68	1	Spottail Shiner	91	5.4		
69	1	Spottail Shiner	115	11		
70	1	Spottail Shiner	110	9.6		
71	1	Spottail Shiner	68	1.9		
72	1	Spottail Shiner	74	2.9		
73	1	Spottail Shiner	69	2.4		
74	1	Spottail Shiner	73	2.5		
75	1	Spottail Shiner	81	3.9		
76	1	Spottail Shiner	70	2.4		
77	1	Spottail Shiner	69	2.0		
78	1	Spottail Shiner	80	3.2		
79	1	Spottail Shiner	69	2.1		
80	1	Spottail Shiner	74	2.6		
81	1	Spottail Shiner	74	2.7		
82	1	Spottail Shiner	66	1.8		
83	1	Spottail Shiner	64	1.5		
84	1	Spottail Shiner	79	3.3		
85	1	Spottail Shiner	66	2.0		
86	1	Spottail Shiner	74	2.9		
87	1	Spottail Shiner	73	2.5		
88	1	Spottail Shiner	69	2.1		
89	1	Spottail Shiner	71	2.2		
90	1	Spottail Shiner	66	1.7		
91	1	Spottail Shiner	63	1.8		
92	1	Spottail Shiner	66	1.6		

END TIME: April 17, 1984 19:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7630

REMARKS : Fish numbered 151-179 preserved in poor condition.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	170	50		
2	1	White Perch	83	5.4		
3	1	White Perch	79	4.0		
4	1	White Perch	81	5.1		
5	1	Smallmouth Bass	74	4.7		
6	1	Smallmouth Bass	79	4.8		
7	1	Smallmouth Bass	74	4.5		
8	1	Smallmouth Bass	71	4.2		
9	1	Smallmouth Bass	80	5.2		
10	1	Smallmouth Bass	105	10		
11	1	Smallmouth Bass	92	7.9		
12	1	Smallmouth Bass	70	4.9		
13	1	Smallmouth Bass	77	5.0		
14	1	Smallmouth Bass	102	11		
15	1	Smallmouth Bass	78	4.6		
16	1	Smallmouth Bass	105	13		
17	1	Smallmouth Bass	96	8.7		
18	1	Smallmouth Bass	90	7.2		
19	1	Smallmouth Bass	84	6.6		
20	1	Smallmouth Bass	78	5.5		
21	1	Smallmouth Bass	81	5.2		
22	1	Smallmouth Bass	72	4.2		
23	1	Smallmouth Bass	65	3.6		
24	1	Smallmouth Bass	71	3.8		
25	1	Lepomis sp.	42	1.5		
26	1	Lepomis sp.	60	3.2		
27	1	Lepomis sp.	45	2.0		
28	1	Lepomis sp.	49	2.2		
29	1	Lepomis sp.	54	2.8		
30	1	Lepomis sp.	47	2.1		
31	1	Pumpkinseed	119	25		
32	1	Bluegill	129	40		
33	1	Rock Bass	209	156		
34	1	Rock Bass	204	166		
35	1	Rock Bass	212	177		
36	1	Rock Bass	127	34		
37	1	Rock Bass	110	20		
38	1	Rock Bass	72	6.0		
39	1	Rock Bass	46	1.6		
40	1	Yellow Perch	229	130		
41	1	Yellow Perch	189	66		
42	1	Yellow Perch	189	66		
43	1	Yellow Perch	178	51		
44	1	Yellow Perch	147	31		
45	1	Yellow Perch	164	46		
46	1	Yellow Perch	147	30		
47	1	Yellow Perch	180	54		
48	1	Yellow Perch	159	42		
49	1	Yellow Perch	157	39		
50	1	Yellow Perch	111	13		
51	1	Yellow Perch	100	10		
52	1	Yellow Perch	106	11		
53	1	Yellow Perch	110	13		
54	1	Yellow Perch	106	13		
55	1	Yellow Perch	102	10		
56	1	Yellow Perch	104	11		
57	1	Yellow Perch	95	8.2		
58	1	Yellow Perch	106	8.4		
59	1	Yellow Perch	99	6.9		

(CONTINUED)
END TIME: April 17, 1984 19:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7630

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
60	1	Yellow Perch	92	7.8		
61	1	Yellow Perch	94	7.7		
62	1	Yellow Perch	95	8.4		
63	1	Yellow Perch	90	6.8		
64	1	Yellow Perch	89	5.3		
65	1	Yellow Perch	82	4.6		
66	1	Yellow Perch	95	6.6		
67	1	Yellow Perch	94	6.0		
68	1	Yellow Perch	99	9.2		
69	1	Yellow Perch	88	5.5		
70	1	Yellow Perch	89	5.7		
71	1	Yellow Perch	84	5.0		
72	1	Yellow Perch	107	11		
73	1	Yellow Perch	102	9.4		
74	1	Yellow Perch	89	6.9		
75	1	Yellow Perch	95	7.7		
76	1	Yellow Perch	95	7.4		
77	1	Yellow Perch	93	7.6		
78	1	Yellow Perch	89	6.9		
79	1	Yellow Perch	94	8.1		
80	1	Yellow Perch	89	6.3		
81	1	Yellow Perch	100	7.7		
82	1	Yellow Perch	90	5.9		
83	1	Yellow Perch	101	9.2		
84	1	Yellow Perch	81	5.1		
85	1	Yellow Perch	90	6.8		
86	1	Yellow Perch	91	6.8		
87	1	Yellow Perch	89	5.3		
88	1	Yellow Perch	82	5.0		
89	1	Yellow Perch	80	4.8		
91	1	Yellow Perch	104	11		
92	1	Yellow Perch	95	6.9		
93	1	Yellow Perch	97	7.7		
94	1	Yellow Perch	100	9.1		
95	1	Yellow Perch	98	8.7		
96	1	Yellow Perch	95	8.5		
97	1	Yellow Perch	88	5.9		
98	1	Yellow Perch	96	6.0		
99	1	Yellow Perch	105	11		
100	1	Yellow Perch	97	8.0		
101	1	Yellow Perch	90	6.5		
102	1	Yellow Perch	86	5.5		
103	1	Yellow Perch	99	8.8		
104	1	Yellow Perch	105	11		
105	1	Yellow Perch	88	6.4		
106	1	Yellow Perch	87	6.1		
107	1	Yellow Perch	100	9.1		
108	1	Yellow Perch	100	10		
109	1	Yellow Perch	102	9.9		
110	1	Yellow Perch	90	6.5		
111	1	Yellow Perch	83	4.6		
112	1	Yellow Perch	90	6.2		
113	1	Yellow Perch	89	6.7		
114	1	Yellow Perch	91	6.8		
115	1	Yellow Perch	92	7.0		
116	1	Yellow Perch	87	6.2		
117	1	Yellow Perch	82	5.0		
118	1	Yellow Perch	90	6.3		
119	1	Yellow Perch	85	5.7		
120	1	Yellow Perch	99	9.2		
121	1	Yellow Perch	94	7.6		

(CONTINUED)

END TIME: April 17, 1984 19:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7630

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
122	1	Yellow Perch	104	11		
123	1	Yellow Perch	89	6.8		
124	1	Yellow Perch	109	12		
125	1	Yellow Perch	79	3.6		
126	1	Yellow Perch	98	8.0		
127	1	Golden Shiner	125	18		
151	1	Bluegill	60	2.8		
152	1	Rock Bass	45	1.9		
153	1	Rock Bass	52	2.2		
154	1	Rock Bass	47	1.5		
155	1	Rock Bass	47	1.5		
156	1	Rock Bass	42	1.2		
157	1	Silvery Minnow	118	15		
158	1	Spottail Shiner	112	9.9		
159	1	Spottail Shiner	81	3.3		
160	1	Spottail Shiner	103	9.4		
161	1	Spottail Shiner	109	8.3		
162	1	Spottail Shiner	109	9.2		
163	1	Spottail Shiner	110	8.7		
164	1	Spottail Shiner	112	11		
165	1	Spottail Shiner	117	11		
166	1	Spottail Shiner	81	3.3		
167	1	Spottail Shiner	63	1.4		
168	1	Spottail Shiner	81	3.4		
169	1	Spottail Shiner	60	1.9		
170	1	Spottail Shiner	75	3.2		
176	1	Golden Shiner	79	3.1		
177	1	Golden Shiner	97	6.4		
178	1	Silvery Minnow	71	2.6		
179	1	White Sucker	55	1.2		

END TIME: April 18, 1984 17:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7631

REMARKS : Fish numbered 91-140 preserved in poor condition.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	95	8.3		
2	1	White Perch	83	5.2		
3	1	White Perch	81	4.2		
4	1	Smallmouth Bass	80	6.0		
5	1	Smallmouth Bass	62	2.7		
6	1	Smallmouth Bass	71	3.7		
7	1	Golden Shiner	130	20		
8	1	Rock Bass	102	20		
9	1	Bluegill	115	28		
10	1	Lepomis sp.	68	4.4		
11	1	Lepomis sp.	54	2.5		
12	1	Lepomis sp.	54	3.2		
13	1	Lepomis sp.	51	2.6		

(CONTINUED)
END TIME: April 18, 1984 17:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7631

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
14	1	Lepomis sp.	45	2.1		
15	1	Lepomis sp.	50	2.3		
16	1	Lepomis sp.	51	2.3		
17	1	Lepomis sp.	45	2.0		
18	1	Yellow Perch	142	30		
19	1	Yellow Perch	153	5.6		
20	1	Yellow Perch	94	7.9		
21	1	Yellow Perch	92	7.2		
22	1	Yellow Perch	92	6.3		
23	1	Yellow Perch	99	8.4		
24	1	Yellow Perch	113	14		
25	1	Yellow Perch	87	4.9		
26	1	Yellow Perch	98	7.9		
27	1	Yellow Perch	88	6.2		
28	1	Yellow Perch	92	7.0		
29	1	Yellow Perch	92	7.6		
30	1	Yellow Perch	91	7.1		
31	1	Yellow Perch	97	8.1		
32	1	Yellow Perch	90	6.3		
33	1	Yellow Perch	102	8.5		
34	1	Yellow Perch	86	7.9		
35	1	Yellow Perch	86	5.8		
36	1	Yellow Perch	87	6.2		
37	1	Yellow Perch	83	5.2		
38	1	Yellow Perch	87	5.9		
39	1	Yellow Perch	86	5.7		
40	1	Yellow Perch	80	4.4		
41	1	Yellow Perch	94	7.8		
42	1	Yellow Perch	100	9.5		
43	1	Yellow Perch	91	5.9		
44	1	Yellow Perch	105	11		
45	1	Yellow Perch	101	8.9		
46	1	Yellow Perch	90	7.4		
47	1	Yellow Perch	94	7.9		
48	1	Yellow Perch	94	7.1		
49	1	Yellow Perch	110	12		
50	1	Yellow Perch	89	6.5		
51	1	Yellow Perch	104	11		
52	1	Yellow Perch	108	11		
53	1	Yellow Perch	101	10		
54	1	Yellow Perch	92	7.0		
55	1	Yellow Perch	90	5.9		
56	1	Yellow Perch	95	7.6		
57	1	Yellow Perch	87	6.0		
58	1	Yellow Perch	94	7.7		
59	1	Yellow Perch	95	8.2		
60	1	Yellow Perch	87	5.6		
61	1	Yellow Perch	99	7.4		
62	1	Yellow Perch	81	4.9		
63	1	Yellow Perch	95	6.9		
64	1	Yellow Perch	90	6.7		
65	1	Yellow Perch	99	8.2		
66	1	Yellow Perch	100	9.3		
67	1	Yellow Perch	101	11		
68	1	Yellow Perch	96	8.2		
69	1	Yellow Perch	98	9.3		
70	1	Yellow Perch	101	9.2		
71	1	Yellow Perch	92	6.6		
72	1	Yellow Perch	92	7.5		
73	1	Yellow Perch	90	6.2		
74	1	Yellow Perch	108	9.9		

(CONTINUED)

END TIME: April 18, 1984 17:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7631

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
75	1	Yellow Perch	96	8.7		
76	1	Yellow Perch	87	6.6		
77	1	Yellow Perch	93	7.6		
78	1	Yellow Perch	84	5.2		
79	1	Yellow Perch	90	5.9		
80	1	Yellow Perch	84	5.2		
81	1	Yellow Perch	92	7.3		
82	1	Yellow Perch	89	7.0		
83	1	Yellow Perch	85	6.3		
91	1	Silvery Minnow	119	16		
92	1	Silvery Minnow	80	4.6		
93	1	Silvery Minnow	89	5.6		
94	1	Silvery Minnow	87	5.1		
95	1	Silvery Minnow	83	5.3		
96	1	Silvery Minnow	118	14		
97	1	Silvery Minnow	92	6.3		
98	1	Silvery Minnow	82	4.4		
99	1	Silvery Minnow	80	4.2		
100	1	Silvery Minnow	83	4.6		
101	1	Silvery Minnow	79	4.0		
102	1	Banded Killifish	77	3.1		
103	1	Tessellated Darter	71	3.2		
104	1	Bluegill	67	4.0		
105	1	Bluegill	54	2.1		
106	1	Pumpkinseed	50	1.8		
107	1	Pumpkinseed	50	1.7		
108	1	Rock Bass	51	2.2		
109	1	Rock Bass	53	2.6		
110	1	Rock Bass	44	1.6		
111	1	Rock Bass	46	1.6		
112	1	Silvery Minnow	78	3.9		
113	1	Silvery Minnow	79	3.9		
114	1	Silvery Minnow	86	4.7		
115	1	Spottail Shiner	110	10		
116	1	Spottail Shiner	102	8.0		
117	1	Spottail Shiner	78	3.3		
118	1	Spottail Shiner	79	3.6		
119	1	Spottail Shiner	87	4.5		
120	1	Spottail Shiner	72	2.0		
121	1	Spottail Shiner	67	1.8		
122	1	Spottail Shiner	65	1.8		
123	1	Spottail Shiner	69	2.3		
124	1	Rainbow Trout	70	3.3		
125	1	Common Shiner	76	3.8		
127	1	Spottail Shiner	120	14		
128	1	Spottail Shiner	107	7.9		
129	1	Spottail Shiner	105	8.7		
130	1	Spottail Shiner	110	11		
131	1	Spottail Shiner	110	8.9		
132	1	Spottail Shiner	65	1.5		
133	1	Spottail Shiner	67	1.6		
134	1	Spottail Shiner	75	2.9		
135	1	Spottail Shiner	75	3.2		
136	1	Spottail Shiner	105	9.2		
137	1	Spottail Shiner	108	9.3		
138	16	Cyprinidae		2.9		
139	1	Silvery Minnow	78	4.1		
140	1	Silvery Minnow	79	4.2		

END TIME: April 19, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7632

REMARKS : Fish numbered 61-77 preserved in poor condition.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	155	40		
2	1	White Perch	80	4.5		
3	1	White Perch	84	5.7		
4	1	Smallmouth Bass	64	3.2		
5	1	Pumpkinseed	119	29		
6	1	Rock Bass	190	104		
7	1	Bluegill	210	217		
8	1	Golden Shiner	154	41		
9	1	Golden Shiner	153	32		
10	1	Yellow Perch	157	39		
11	1	Yellow Perch	105	11		
12	1	Yellow Perch	98	9.3		
13	1	Yellow Perch	91	6.8		
14	1	Yellow Perch	88	6.2		
15	1	Yellow Perch	92	7.6		
16	1	Yellow Perch	104	11		
17	1	Yellow Perch	99	7.5		
18	1	Yellow Perch	90	6.6		
19	1	Yellow Perch	90	7.1		
20	1	Yellow Perch	100	8.5		
21	1	Yellow Perch	93	6.8		
22	1	Yellow Perch	99	8.7		
23	1	Yellow Perch	83	5.0		
24	1	Yellow Perch	93	7.9		
25	1	Yellow Perch	95	7.8		
26	1	Yellow Perch	94	8.4		
27	1	Yellow Perch	92	7.4		
28	1	Yellow Perch	104	11		
29	1	Yellow Perch	85	5.9		
30	1	Yellow Perch	100	9.7		
31	1	Yellow Perch	90	7.6		
32	1	Yellow Perch	93	7.0		
33	1	Yellow Perch	95	8.7		
61	1	Silvery Minnow	80	3.9		
62	1	Silvery Minnow	90	6.5		
63	1	Silvery Minnow	81	4.1		
64	1	Silvery Minnow	80	4.5		
65	1	Silvery Minnow	82	4.4		
66	1	Yellow Perch	94	7.7		
67	1	Silvery Minnow	91	6.2		
68	1	Silvery Minnow	80	3.8		
69	1	Silvery Minnow	80	3.9		
70	1	Mimic Shiner	52	0.8		
71	1	Spottail Shiner	66	1.9		
72	1	Spottail Shiner	66	1.9		
73	1	Spottail Shiner	125	14		
74	1	Spottail Shiner	109	9.0		
75	1	Spottail Shiner	109	8.8		
76	1	Spottail Shiner	114	10		
77	1	Spottail Shiner	112	10		

END TIME: April 25, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7633

REMARKS : Fish numbered 61-77 preserved (BLN 818)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	102	7.5		
2	1	Yellow Perch	84	4.4		
3	1	Yellow Perch	101	9.3		
4	1	Yellow Perch	90	6.2		
5	1	Yellow Perch	89	7.6		
6	1	Yellow Perch	93	7.5		
7	1	Yellow Perch	83	4.7		
8	1	Yellow Perch	94	7.8		
9	1	Yellow Perch	99	9.0		
10	1	Yellow Perch	82	5.2		
11	1	Yellow Perch	92	6.6		
12	1	Yellow Perch	98	8.0		
13	1	Yellow Perch	107	11		
14	1	Yellow Perch	98	8.4		
15	1	Yellow Perch	94	7.0		
16	22	Yellow Perch		142		
17	1	Rock Bass	47	2.2		
18	1	Rock Bass	41	1.3		
19	1	Rock Bass	48	2.3		
20	1	Rock Bass	53	2.8		
21	1	Rock Bass	50	2.5		
22	1	Rock Bass	43	1.7		
23	1	Rock Bass	45	1.8		
24	1	Rock Bass	41	1.3		
25	1	Rock Bass	39	1.3		
26	1	Rock Bass	40	1.4		
27	1	Smallmouth Bass	77	5.2		
28	1	Smallmouth Bass	76	5.0		
29	1	White Sucker	59	2.1		
31	1	Golden Shiner	66	2.1		
32	1	Golden Shiner	63	2.2		
33	1	White Perch	180	66		
34	1	White Perch	83	4.5		
35	1	White Perch	81	4.7		
36	1	White Perch	82	4.7		
37	1	White Perch	79	4.7		
38	1	White Perch	87	5.8		
39	1	White Perch	73	3.4		
40	1	White Perch	82	4.8		
41	5	White Perch		23		
42	1	Bluegill	93	13		
43	1	Bluegill	57	2.3		
44	1	Bluegill	51	1.8		
45	1	Bluegill	65	3.5		
46	1	Bluegill	107	18		
47	1	Pumpkinseed	64	3.6		
48	1	Pumpkinseed	59	2.8		
49	1	Pumpkinseed	53	2.3		
50	1	Pumpkinseed	66	4.0		
51	1	Pumpkinseed	65	4.1		
52	1	Pumpkinseed	57	2.9		
53	3	Lepomis spp.		3.7		
61	1	Spottail Shiner	84	4.5		
62	1	Spottail Shiner	76	3.3		
63	1	Spottail Shiner	67	2.1		
64	1	Spottail Shiner	67	2.4		
65	1	Spottail Shiner	60	1.4		
66	1	Spottail Shiner	67	2.2		

(CONTINUED)
END TIME: April 25, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7633

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
67	1	Spottail Shiner	75	3.7		
68	1	Spottail Shiner	60	1.5		
69	1	Spottail Shiner	62	1.7		
70	1	Spottail Shiner	72	2.9		
71	1	Spottail Shiner	67	2.1		
72	1	Spottail Shiner	65	1.8		
73	1	Spottail Shiner	82	3.9		
74	1	Spottail Shiner	62	1.5		
75	1	Spottail Shiner	61	1.7		
76	1	Spottail Shiner	66	1.9		
77	1	Mimic Shiner	53	1.0		

END TIME: April 26, 1984 11:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7634

REMARKS : Fish numbered 61-69 preserved (BLN 819)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	90	7.0		
2	1	Yellow Perch	102	9.4		
3	1	Yellow Perch	83	6.1		
4	1	Yellow Perch	88	6.4		
5	1	Yellow Perch	98	8.2		
6	1	Yellow Perch	77	4.1		
7	1	Yellow Perch	87	5.5		
8	1	Yellow Perch	84	5.2		
9	1	Yellow Perch	90	6.0		
10	1	Yellow Perch	84	5.6		
11	1	Yellow Perch	94	8.0		
12	1	Yellow Perch	90	7.2		
13	1	Yellow Perch	88	6.6		
14	1	Yellow Perch	89	6.5		
15	1	Yellow Perch	83	5.0		
16	12	Yellow Perch		87		
17	1	White Perch	157	47		
18	1	White Perch	166	49		
19	1	White Perch	167	47		
20	1	White Perch	150	43		
21	1	White Perch	94	9.5		
22	1	White Perch	88	6.3		
23	1	White Perch	86	6.1		
24	1	White Perch	74	4.0		
25	1	Brown Bullhead	99	13		
26	1	Smallmouth Bass	72	4.0		
27	1	Smallmouth Bass	62	3.5		
28	1	Rock Bass	45	2.0		
29	1	Rock Bass	50	2.4		
31	1	Rock Bass	42	1.6		
32	3	Lepomis spp.		5.4		
33	1	Pumpkinseed	62	4.4		
61	1	Golden Shiner	73	3.5		
62	1	Golden Shiner	75	6.3		
63	1	Golden Shiner	62	2.1		
66	1	Spottail Shiner	67	2.2		
67	1	Spottail Shiner	77	3.5		
69	1	Notropis sp.	58	1.4		

END TIME: April 27, 1984 11:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7639

REMARKS : Fish numbered 61-66 preserved (BLN 820)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	158	46		
2	1	White Perch	169	54		
3	1	White Perch	154	40		
4	1	White Perch	84	5.4		
5	1	White Perch	75	3.8		
6	1	White Perch	83	5.7		
7	1	White Perch	75	3.4		
8	1	White Perch	82	5.2		
9	1	Pumpkinseed	151	65		
10	1	Pumpkinseed	110	21		
11	1	Smallmouth Bass	67	3.6		
12	1	Rock Bass	63	4.8		
13	1	Rock Bass	44	1.8		
14	1	Rock Bass	45	2.0		
15	1	Rock Bass	44	1.7		
16	1	Rock Bass	42	1.6		
17	1	Yellow Perch	90	5.8		
18	1	Yellow Perch	88	5.6		
19	1	Yellow Perch	84	5.2		
20	1	Yellow Perch	96	6.7		
21	1	Yellow Perch	93	7.2		
22	1	Yellow Perch	86	6.2		
23	1	Yellow Perch	86	6.0		
24	1	Yellow Perch	82	5.5		
25	1	Yellow Perch	86	5.7		
26	1	Yellow Perch	83	5.5		
27	1	Yellow Perch	86	5.8		
28	1	Yellow Perch	77	4.8		
29	1	Yellow Perch	87	6.0		
31	1	Yellow Perch	80	4.3		
32	1	Yellow Perch	79	4.2		
33	1	Yellow Perch	93	6.7		
34	1	Banded Killifish	70	3.0		
61	1	Spottail Shiner	69	2.2		
62	1	Spottail Shiner	77	3.5		
63	1	Spottail Shiner	67	2.4		
64	1	Spottail Shiner	61	1.7		
66	1	Golden Shiner	62	1.7		

END TIME: May 2, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7640

REMARKS : Fish numbered 61-68 preserved (BLN 844)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	105	11		
2	1	Yellow Perch	91	6.4		
3	1	Yellow Perch	97	7.3		
4	1	Yellow Perch	94	8.4		
5	1	Yellow Perch	97	8.5		
6	1	Yellow Perch	97	8.5		
7	1	Yellow Perch	95	7.2		
8	1	Yellow Perch	109	11		
9	1	Yellow Perch	84	4.5		
10	1	Yellow Perch	140	26		
11	1	Tessellated Darter	65	2.4		
12	1	Smallmouth Bass	77	4.9		
13	1	Golden Shiner	70	2.2		
14	1	Golden Shiner	78	3.5		
15	1	Golden Shiner	72	2.3		
16	1	Golden Shiner	79	3.0		
17	1	Golden Shiner	68	2.1		
18	1	Golden Shiner	63	2.1		
19	1	Golden Shiner	61	1.7		
21	1	White Perch	153	40		
22	1	White Perch	156	41		
23	1	White Perch	158	39		
24	1	White Perch	145	39		
25	1	White Perch	155	45		
26	1	White Perch	168	50		
27	1	White Perch	162	50		
28	1	White Perch	159	45		
29	1	White Perch	154	42		
30	1	White Perch	162	47		
31	1	White Perch	82	6.0		
32	1	White Perch	80	6.1		
33	1	White Perch	74	4.3		
34	1	Rock Bass	50	2.3		
35	1	Rock Bass	47	2.0		
36	1	Rock Bass	46	2.0		
37	1	Rock Bass	46	2.0		
38	1	Rock Bass	50	2.4		
39	1	Rock Bass	53	2.6		
40	1	Rock Bass	55	2.9		
41	1	Rock Bass	54	2.9		
42	1	Rock Bass	59	3.0		
43	1	Rock Bass	45	2.1		
44	1	Rock Bass	45	2.0		
45	1	Rock Bass	44	1.5		
46	28	Lepomis spp.		51		
47	1	Pumpkinseed	80	7.8		
48	1	Pumpkinseed	77	6.3		
49	1	Pumpkinseed	62	3.3		
50	1	Pumpkinseed	65	3.6		
51	1	Pumpkinseed	60	3.4		
52	1	Pumpkinseed	52	2.7		
53	1	Pumpkinseed	48	1.5		
54	1	Pumpkinseed	56	2.3		
55	1	Pumpkinseed	66	3.7		
56	1	Pumpkinseed	65	3.7		
57	1	Pumpkinseed	64	3.5		
58	1	Pumpkinseed	62	3.4		
59	1	Pumpkinseed	49	1.8		

(CONTINUED)
END TIME: May 2, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7640

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
60	1	Atlantic Salmon	145	36		
61	1	Silvery Minnow	78	4.4		
62	1	Spottail Shiner	80	3.4		
63	1	Spottail Shiner	75	2.9		
64	1	Spottail Shiner	71	2.6		
65	1	Spottail Shiner	62	1.5		
66	1	Spottail Shiner	69	2.4		
68	1	Silvery Minnow	78	4.5		

END TIME: May 3, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7641

REMARKS : Cyprinids -11- preserved #35-45

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	135	48		
2	1	Rock Bass	57	2.8		
3	1	Rock Bass	57	3.0		
4	1	Rock Bass	59	3.7		
5	1	Rock Bass	52	2.8		
6	1	Rock Bass	50	2.7		
7	1	Rock Bass	46	2.0		
8	1	Rock Bass	42	1.7		
9	1	Pumpkinseed	63	4.4		
10	1	Pumpkinseed	57	3.4		
11	1	Pumpkinseed	65	4.4		
12	1	Pumpkinseed	105	22		
13	22	Lepomis spp.		44		
14	1	Yellow Perch	81	7.2		
15	1	Yellow Perch	98	9.9		
16	1	Yellow Perch	79	5.9		
17	1	Yellow Perch	97	8.2		
18	1	Yellow Perch	100	9.3		
19	1	Yellow Perch	84	5.8		
20	1	Yellow Perch	96	7.8		
21	1	White Perch	82	5.1		
22	1	White Perch	76	4.3		
23	1	White Perch	76	4.4		
24	1	White Perch	114	14		
25	1	White Perch	156	39		
26	1	White Perch	164	48		
27	1	White Perch	160	45		
28	1	White Perch	157	40		
29	1	White Perch	165	51		
30	1	White Perch	173	57		
31	1	White Perch	189	69		
32	1	White Perch	188	74		
35	1	Golden Shiner	73	3.3		
36	1	Golden Shiner	66	2.4		
37	1	Golden Shiner	78	3.9		
38	1	Golden Shiner	65	2.2		
39	1	Golden Shiner	59	1.5		
40	1	Spottail Shiner	61	1.7		
41	1	Spottail Shiner	67	2.1		
42	1	Spottail Shiner	67	2.6		
43	1	Spottail Shiner	63	1.8		
44	1	Spottail Shiner	63	1.3		
45	1	Spottail Shiner	81	3.8		

END TIME: May 4, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7642

REMARKS : Fish #46-54 preserved (BLN 935)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Atlantic Salmon	195	58		
3	13	Lepomis spp.		24		
4	1	Rock Bass	55	2.7		
5	1	Rock Bass	47	2.0		
6	1	Rock Bass	64	3.3		
7	1	Rock Bass	56	3.2		
8	1	Rock Bass	50	2.5		
9	1	Rock Bass	51	2.4		
10	1	Rock Bass	53	2.5		
11	1	Brown Bullhead	76	4.4		
12	1	Smallmouth Bass	115	16		
13	1	Smallmouth Bass	76	4.0		
14	1	Smallmouth Bass	73	3.5		
15	1	Smallmouth Bass	62	3.0		
16	1	Pumpkinseed	85	9.0		
17	1	Pumpkinseed	105	17		
18	1	Pumpkinseed	66	5.0		
19	1	Pumpkinseed	63	4.0		
20	1	Pumpkinseed	55	3.2		
21	1	Pumpkinseed	58	3.3		
22	1	Pumpkinseed	60	3.5		
23	1	Pumpkinseed	56	2.8		
24	1	Pumpkinseed	61	3.5		
25	1	Pumpkinseed	65	3.3		
26	1	Yellow Perch	86	5.3		
27	1	Yellow Perch	85	5.4		
28	1	Yellow Perch	95	6.2		
29	1	Yellow Perch	83	4.5		
30	1	White Perch	84	4.6		
31	1	White Perch	81	5.0		
32	1	White Perch	79	4.4		
33	1	White Perch	80	4.0		
34	1	White Perch	75	3.5		
35	1	White Perch	83	4.6		
36	1	White Perch	82	4.5		
37	1	White Perch	82	4.3		
38	1	White Perch	90	5.4		
39	1	White Perch	125	18		
40	1	White Perch	152	37		
41	1	White Perch	160	40		
42	1	White Perch	166	52		
46	1	Golden Shiner	65	1.7		
47	1	Golden Shiner	68	2.5		
48	1	Spottail Shiner	75	2.8		
49	1	Spottail Shiner	66	2.1		
50	1	Spottail Shiner	56	1.2		
51	1	Spottail Shiner	59	1.3		
52	1	Spottail Shiner	75	3.1		
53	1	Mimic Shiner	58	1.3		
54	1	Silvery Minnow	80	4.7		

END TIME: May 5, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7643

REMARKS : Cyprinids preserved, #61-78 (BLN 936)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	21	Lepomis spp.		36		
3	1	Smallmouth Bass	67	3.0		
4	1	Smallmouth Bass	69	2.8		
5	1	Smallmouth Bass	64	2.3		
6	1	Brown Bullhead	88	5.6		
7	1	Brown Bullhead	96	7.2		
8	1	Brown Bullhead	156	38		
9	1	Pumpkinseed	113	26		
10	1	Pumpkinseed	73	4.5		
11	1	Pumpkinseed	61	3.0		
12	1	Pumpkinseed	59	2.4		
13	1	Rock Bass	53	2.0		
14	1	Rock Bass	48	1.7		
15	1	Rock Bass	50	1.6		
16	1	Rock Bass	66	5.1		
17	1	Rock Bass	51	1.4		
18	1	White Perch	80	4.0		
19	1	White Perch	92	5.7		
20	1	White Perch	80	3.6		
21	1	White Perch	86	4.9		
22	1	White Perch	80	3.8		
23	1	White Perch	165	44		
24	1	White Perch	154	42		
25	1	White Perch	157	44		
26	1	White Perch	164	46		
27	1	White Perch	164	48		
28	1	White Perch	190	79		
29	1	Yellow Perch	105	9.7		
30	1	Yellow Perch	110	11		
31	1	Yellow Perch	97	7.3		
32	1	Yellow Perch	87	5.7		
33	1	Yellow Perch	92	6.6		
34	1	Yellow Perch	97	6.9		
35	1	Yellow Perch	95	6.3		
36	1	Yellow Perch	86	5.2		
37	1	Yellow Perch	100	7.0		
38	1	Yellow Perch	98	7.2		
39	1	Yellow Perch	76	2.7		
40	1	Yellow Perch	93	6.0		
41	1	Yellow Perch	100	8.0		
42	1	Yellow Perch	91	5.9		
43	1	Yellow Perch	86	4.3		
44	1	Yellow Perch	108	9.2		
45	1	Yellow Perch	92	5.4		
46	1	Yellow Perch	80	3.8		
47	1	Yellow Perch	88	5.4		
48	1	Yellow Perch	84	4.0		
49	20	Yellow Perch		124		
61	1	Golden Shiner	67	2.5		
62	1	Golden Shiner	66	2.2		
63	1	Golden Shiner	77	3.7		
64	1	Golden Shiner	73	3.1		
65	1	Spottail Shiner	68	2.2		
66	1	Spottail Shiner	67	2.1		
67	1	Spottail Shiner	72	3.0		
68	1	Spottail Shiner	82	3.9		
69	1	Spottail Shiner	67	2.2		
70	1	Spottail Shiner	73	2.7		
71	1	Spottail Shiner	77	3.4		

(CONTINUED)

END TIME: May 5, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7643

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
72	1	Spottail Shiner	72	2.7		
73	1	Spottail Shiner	62	1.8		
74	1	Spottail Shiner	65	1.9		
75	1	Spottail Shiner	69	2.3		
76	1	Spottail Shiner	70	2.5		
77	1	Spottail Shiner	114	12		
78	1	Spottail Shiner	58	1.6		

END TIME: May 6, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7644

REMARKS : Cyprinids preserved, #26-30 (BLN 937)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	205	342		
2	1	White Perch	80	3.5		
3	1	White Perch	71	3.1		
4	1	White Perch	84	4.5		
5	1	White Perch	87	5.2		
6	1	White Perch	159	41		
7	1	White Perch	162	46		
8	1	White Perch	154	41		
9	1	White Perch	160	43		
10	1	Golden Shiner	117	10		
11	1	Golden Shiner	82	3.5		
12	1	Tessellated Darter	68	2.8		
13	1	Brown Bullhead	102	9.5		
14	1	Yellow Perch	92	6.1		
15	1	Yellow Perch	82	4.3		
16	1	Yellow Perch	85	5.5		
17	1	Yellow Perch	82	3.9		
18	1	Yellow Perch	97	6.5		
19	1	Yellow Perch	90	6.7		
20	1	Yellow Perch	83	4.5		
21	1	Yellow Perch	86	4.6		
22	1	Yellow Perch	92	5.5		
23	1	Yellow Perch	85	5.0		
24	25	Lepomis spp.		51		
26	1	Silvery Minnow	80	4.5		
27	1	Spottail Shiner	71	2.4		
28	1	Spottail Shiner	77	3.6		
29	1	Spottail Shiner	66	2.0		
30	1	Notropis sp.	53	1.9		

END TIME: May 7, 1984 15:45
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7663

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	166	50		
2	1	White Perch	192	86		
3	1	White Perch	182	61		
4	1	White Perch	145	41		
5	1	White Perch	177	51		
6	1	White Perch	81	5.0		
7	1	White Perch	88	4.8		
8	1	White Perch	79	4.6		
9	1	White Perch	83	6.0		
10	1	Yellow Perch	88	5.9		
11	1	Yellow Perch	95	7.8		
12	1	Yellow Perch	99	8.5		
13	1	Yellow Perch	100	9.8		
14	1	Yellow Perch	90	6.5		
15	1	Yellow Perch	87	6.0		
16	1	Yellow Perch	88	6.4		
17	1	Yellow Perch	98	9.2		
18	1	Yellow Perch	94	6.7		
19	1	Yellow Perch	92	7.3		
20	9	Yellow Perch		60		
21	1	Bluegill	94	13		
22	1	Bluegill	73	5.6		
23	1	Bluegill	65	4.3		
24	1	Bluegill	51	2.1		
25	1	Rock Bass	57	3.5		
26	1	Rock Bass	56	3.7		
27	1	Rock Bass	55	3.4		
28	1	Rock Bass	51	2.4		
29	1	Rock Bass	51	2.4		
30	1	Rock Bass	48	2.5		
31	1	Rock Bass	47	2.2		
32	1	Rock Bass	46	1.8		
33	1	Golden Shiner	87	4.7		
34	1	Golden Shiner	66	2.4		
35	1	Spottail Shiner	67	2.3		
36	1	Spottail Shiner	57	1.2		
37	1	Silvery Minnow	83	4.4		

END TIME: May 8, 1984 15:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7664

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	77	3.6		
2	1	Largemouth Bass	72	3.4		
3	1	White Perch	80	4.4		
4	1	White Perch	81	4.7		
5	1	White Perch	81	4.0		
6	1	White Perch	91	6.3		
7	1	White Perch	83	5.0		
8	1	White Perch	84	5.0		
9	1	White Perch	83	4.7		
10	1	White Perch	159	49		
11	1	Yellow Perch	81	4.4		
12	1	Rock Bass	54	2.4		
13	1	Rock Bass	56	3.4		
14	1	Rock Bass	47	2.0		
15	1	Rock Bass	44	1.8		
16	1	Rock Bass	46	1.8		
17	1	Rock Bass	50	2.2		
18	11	Rock Bass		17		
19	1	Spottail Shiner	74	2.9		
20	1	Bluegill	52	2.1		
21	1	Bluegill	58	3.3		
22	1	Bluegill	62	3.4		
23	1	Bluegill	70	5.2		
24	1	Bluegill	90	12		
25	1	Bluegill	68	4.3		
26	1	Bluegill	57	2.3		
27	1	Bluegill	61	3.3		
28	1	Bluegill	52	2.1		
29	1	Bluegill	53	2.2		

END TIME: May 9, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7665

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	189	81		
2	1	White Perch	157	43		
3	1	White Perch	160	46		
4	1	White Perch	160	40		
5	1	White Perch	172	53		
6	1	White Perch	157	41		
7	1	White Perch	167	52		
8	1	White Perch	92	6.3		
9	1	White Perch	80	4.7		
10	1	White Perch	83	5.2		
11	1	White Perch	87	5.5		
12	1	White Perch	75	3.8		
13	1	White Perch	74	3.5		
14	1	Largemouth Bass	78	4.9		
15	1	Yellow Perch	87	6.8		
16	1	Yellow Perch	106	10		
17	1	Yellow Perch	81	4.5		
18	1	Yellow Perch	103	8.8		
19	1	Yellow Perch	88	4.6		
20	1	Yellow Perch	96	5.9		
21	1	Yellow Perch	108	11		
22	1	Yellow Perch	107	9.1		
23	1	Yellow Perch	87	5.0		
24	1	Yellow Perch	88	6.6		
25	1	Yellow Perch	90	6.2		
26	1	Yellow Perch	80	4.3		
27	1	Yellow Perch	84	4.4		
28	1	Rock Bass	37	0.9		
29	1	Rock Bass	61	3.7		
30	1	Rock Bass	50	2.3		
31	1	Rock Bass	52	2.8		
32	1	Rock Bass	52	2.5		
33	1	Rock Bass	53	2.9		
34	1	Rock Bass	54	2.5		
35	1	Rock Bass	53	2.9		
36	1	Rock Bass	51	2.4		
37	1	Rock Bass	48	1.8		
38	10	Rock Bass		21		
39	1	Bluegill	89	9.8		
40	1	Bluegill	72	5.0		
41	1	Bluegill	60	3.0		
42	1	Bluegill	62	2.5		
43	1	Bluegill	61	3.2		
44	1	Bluegill	50	1.6		
45	1	Bluegill	50	1.8		
46	1	Bluegill	50	1.8		
47	1	Golden Shiner	74	3.3		
48	1	Spottail Shiner	78	4.0		
49	1	Spottail Shiner	57	1.0		

END TIME: May 10, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7677

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	163	42		
2	1	White Perch	160	44		
3	1	White Perch	162	50		
4	1	White Perch	150	37		
5	1	White Perch	78	3.8		
6	1	Pumpkinseed	75	7.0		
7	1	Pumpkinseed	75	6.8		
8	1	Pumpkinseed	72	5.9		
9	1	Pumpkinseed	63	3.8		
10	1	Pumpkinseed	48	2.2		
11	1	Bluegill	66	4.7		
12	1	Bluegill	63	3.8		
13	1	Bluegill	69	3.5		
14	1	Bluegill	62	3.4		
15	1	Bluegill	60	3.5		
16	1	Bluegill	51	2.3		
17	1	Bluegill	55	2.7		
18	1	Bluegill	49	2.0		
19	1	Bluegill	54	2.8		
20	1	Bluegill	49	2.4		
21	9	Bluegill		20		
22	1	Rock Bass	53	3.5		
23	1	Rock Bass	50	2.9		
24	1	Rock Bass	47	2.3		
25	1	Rock Bass	52	3.0		
26	1	Rock Bass	50	2.7		
27	1	Rock Bass	51	2.9		
28	1	Rock Bass	53	3.3		
29	1	Rock Bass	56	3.7		
30	8	Rock Bass		18		
31	1	Yellow Perch	83	5.4		
32	1	Yellow Perch	90	7.2		
33	1	Yellow Perch	80	5.1		
34	1	Yellow Perch	83	4.9		
35	1	Yellow Perch	101	8.4		
36	1	Yellow Perch	83	5.2		
37	1	Largemouth Bass	68	3.2		
38	1	Largemouth Bass	67	3.6		
39	1	Smallmouth Bass	66	3.3		
40	1	Spottail Shiner	72	2.9		

END TIME: May 11, 1984 13:35
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7682

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	125	20		
2	1	White Perch	85	4.9		
3	1	White Perch	82	4.9		
4	1	Brown Bullhead	71	3.5		
5	1	White Sucker	75	4.0		
6	1	Yellow Perch	99	8.3		
7	1	Yellow Perch	100	9.4		
8	1	Pumpkinseed	73	5.4		
9	1	Bluegill	66	4.3		
10	1	Bluegill	60	4.4		
11	1	Bluegill	57	3.0		
12	1	Bluegill	54	2.5		
13	1	Bluegill	51	2.2		
14	1	Bluegill	50	2.0		
15	1	Rock Bass	58	3.4		
16	1	Rock Bass	54	3.0		
17	1	Rock Bass	57	3.2		
18	1	Rock Bass	52	2.5		
19	1	Rock Bass	48	2.0		
20	11	Rock Bass		15		

END TIME: May 16, 1984 10:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7694

REMARKS : Fish numbered 91-94 preserved (BLN 1114)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	158	41		
2	1	White Perch	169	52		
3	1	White Perch	152	36		
4	1	White Perch	160	44		
5	1	Yellow Perch	108	9.5		
6	1	Yellow Perch	88	4.8		
7	1	Yellow Perch	83	4.6		
8	1	Yellow Perch	98	7.6		
9	1	Yellow Perch	93	6.6		
10	1	Lepomis sp.	68	4.5		
11	1	Lepomis sp.	52	2.2		
12	1	Lepomis sp.	66	4.3		
13	1	Lepomis sp.	63	3.8		
14	1	Lepomis sp.	58	2.6		
15	1	Lepomis sp.	58	3.0		
16	1	Lepomis sp.	60	2.8		
17	1	Lepomis sp.	62	3.2		
18	1	Lepomis sp.	47	1.7		
19	1	Lepomis sp.	57	2.6		
20	1	Lepomis sp.	55	2.7		
21	1	Lepomis sp.	61	3.3		
22	1	Lepomis sp.	50	2.1		

(CONTINUED)
END TIME: May 16, 1984 10:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7694

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
23	1	Lepomis sp.	58	3.5		
24	1	Lepomis sp.	59	2.9		
25	1	Lepomis sp.	54	2.6		
26	1	Lepomis sp.	63	3.4		
27	1	Lepomis sp.	52	2.3		
28	1	Lepomis sp.	58	3.3		
29	1	Lepomis sp.	62	3.7		
30	1	Lepomis sp.	55	2.7		
31	1	Lepomis sp.	51	2.4		
32	1	Lepomis sp.	57	2.7		
33	1	Lepomis sp.	55	2.7		
34	1	Lepomis sp.	48	2.0		
35	1	Lepomis sp.	64	4.0		
36	1	Lepomis sp.	61	3.3		
37	1	Bluegill	71	4.7		
38	1	Bluegill	65	3.6		
39	1	Bluegill	93	13		
40	1	Bluegill	87	10		
41	1	Bluegill	77	5.8		
42	1	Bluegill	98	15		
43	1	Bluegill	88	10		
44	1	Rock Bass	50	2.8		
45	1	Rock Bass	43	1.7		
46	1	Rock Bass	50	2.6		
47	1	Rock Bass	59	3.6		
48	1	Rock Bass	52	3.7		
49	1	Rock Bass	48	2.0		
50	1	Rock Bass	57	3.0		
51	1	Rock Bass	40	1.5		
52	1	Rock Bass	47	1.9		
53	1	Rock Bass	55	2.7		
54	1	Rock Bass	40	1.0		
55	1	Rock Bass	43	1.6		
56	1	Rock Bass	52	3.2		
57	1	Rock Bass	47	2.1		
58	1	Rock Bass	46	1.8		
59	1	Rock Bass	48	1.9		
60	1	Rock Bass	48	2.0		
61	1	Rock Bass	48	2.0		
62	1	Rock Bass	35	1.4		
63	1	Rock Bass	51	2.4		
64	1	Smallmouth Bass	70	3.5		
65	1	Spottail Shiner	63	1.7		
66	1	Spottail Shiner	63	1.7		
67	1	Spottail Shiner	72	1.8		
91	1	Golden Shiner	78	3.1		
92	1	Spottail Shiner	61	1.5		
93	1	Spottail Shiner	68	1.5		
94	1	Spottail Shiner	59	1.2		

END TIME: May 16, 1984 10:20
LOCATION: Vermont Yankee Intake
METHOD : Service water travelling screens, 24.0 Hours
SAMPLE : 7712

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Spottail Shiner	58	1.0		

END TIME: May 17, 1984
LOCATION: Vermont Yankee Intake
METHOD : Service water travelling screens, 24.0 Hours
SAMPLE : 7716

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	54	2.4		
2	1	Lepomis sp.	44	1.6		

END TIME: May 17, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7717

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	43	1.1		
2	1	Lepomis sp.	50	1.7		
3	1	Lepomis sp.	49	1.8		
4	1	Lepomis sp.	54	2.1		
5	1	Lepomis sp.	43	1.4		
6	1	Lepomis sp.	49	1.5		
7	1	Lepomis sp.	53	2.1		
8	1	Lepomis sp.	71	6.0		
9	1	Lepomis sp.	58	2.8		
10	1	Lepomis sp.	53	2.2		
11	1	Lepomis sp.	47	1.7		
12	1	Lepomis sp.	61	3.7		
13	1	Lepomis sp.	49	1.7		
14	1	Lepomis sp.	57	3.5		
15	1	Lepomis sp.	49	1.7		
16	1	Lepomis sp.	49	1.0		
17	1	Lepomis sp.	68	4.4		
18	1	Lepomis sp.	50	1.7		
19	1	Lepomis sp.	54	2.2		
20	1	Lepomis sp.	59	1.7		
21	1	Lepomis sp.	48	1.7		
22	1	Lepomis sp.	51	1.7		
23	1	Lepomis sp.	47	1.7		
24	1	Lepomis sp.	53	1.9		
25	1	Lepomis sp.	46	1.4		
26	1	Lepomis sp.	49	1.7		
27	1	Lepomis sp.	52	1.8		
28	1	Bluegill	84	10		
29	1	Rock Bass	43	1.5		
30	1	Rock Bass	38			
31	1	White Perch	81	4.9		
32	1	White Perch	79	4.5		
33	1	White Perch	188	68		
34	1	White Perch	160	42		
35	1	White Perch	160	40		
36	1	Yellow Perch	102	8.5		
37	1	Yellow Perch	93	5.6		

END TIME: May 18, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7729

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	153	40		
2	1	White Perch	160	50		
3	1	White Perch	163	51		
4	1	White Perch	156	43		
5	1	White Perch	167	51		
6	1	White Perch	214	131		
7	1	White Perch	127	21		
8	1	White Perch	80	5.6		
9	1	Yellow Perch	87	5.7		
10	1	Smallmouth Bass	60	2.6		
11	1	Largemouth Bass	75	4.9		
12	1	Largemouth Bass	61	2.7		
13	1	Largemouth Bass	61	2.7		
14	1	Rock Bass	52	2.9		
15	1	Rock Bass	53	2.7		
16	1	Rock Bass	51	2.2		
17	1	Rock Bass	55	3.0		
18	1	Rock Bass	58	3.3		
19	1	Rock Bass	51	2.5		
20	1	Rock Bass	46	2.1		
21	1	Pumpkinseed	55	2.4		
22	1	Pumpkinseed	54	2.3		
23	1	Pumpkinseed	48	1.4		
24	1	Pumpkinseed	49	1.8		
25	1	Pumpkinseed	58	3.2		
26	1	Bluegill	100	15		
27	1	Bluegill	114	24		
28	1	Bluegill	58	2.8		
29	1	Bluegill	56	2.7		
30	1	Bluegill	50	1.7		
31	1	Bluegill	60	3.5		
32	1	Bluegill	55	2.8		
33	1	Bluegill	66	4.3		
34	1	Bluegill	51	1.7		
35	1	Bluegill	53	2.2		
36	1	Bluegill	57	2.8		
37	1	Bluegill	55	2.7		
38	1	Bluegill	58	2.7		
39	1	Bluegill	60	3.8		
40	1	Bluegill	62	3.7		
41	1	Bluegill	57	2.8		
42	84	Bluegill		206		

END TIME: May 18, 1984
LOCATION: Vermont Yankee Intake
METHOD : Service water travelling screens, 24.0 Hours
SAMPLE : 7730

REMARKS : No catch

END TIME: May 22, 1984 15:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7742

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	79	6.0		
2	1	Smallmouth Bass	57	1.8		
3	1	Yellow Perch	92	6.0		
4	1	White Perch	155	41		
5	1	White Perch	159	44		
6	1	White Perch	153	39		
7	1	White Perch	155	38		
8	1	White Perch	158	43		
9	1	White Perch	156	51		
10	1	White Perch	155	41		
11	1	Yellow Bullhead	187	7.0		
12	1	Bluegill	91	12		
13	1	Bluegill	83	11		
14	1	Bluegill	115	27		
15	1	Bluegill	108	20		
16	1	Bluegill	90	13		
17	1	Lepomis sp.	55	2.9		
18	1	Lepomis sp.	49	2.0		
19	1	Lepomis sp.	54	2.9		
20	1	Lepomis sp.	66	4.9		
21	1	Lepomis sp.	54	2.3		
22	1	Lepomis sp.	50	2.4		
23	1	Lepomis sp.	56	2.8		
24	1	Lepomis sp.	45	1.5		
25	1	Lepomis sp.	47	1.8		
26	1	Lepomis sp.	54	2.2		
27	1	Lepomis sp.	58	2.3		
28	1	Lepomis sp.	58	3.0		
29	1	Lepomis sp.	48	1.8		
30	1	Lepomis sp.	50	2.0		
31	1	Lepomis sp.	46	1.7		
32	1	Lepomis sp.	52	2.4		
33	1	Lepomis sp.	50	2.0		
34	1	Lepomis sp.	48	2.0		
35	1	Lepomis sp.	53	2.4		
36	1	Lepomis sp.	48	1.8		
37	1	Lepomis sp.	57	2.8		
38	1	Lepomis sp.	57	3.0		
39	1	Lepomis sp.	62	3.9		
40	1	Lepomis sp.	53	2.6		
41	1	Lepomis sp.	48	2.1		
42	1	Lepomis sp.	45	1.8		
43	1	Lepomis sp.	46	1.7		
44	1	Lepomis sp.	60	3.2		
45	1	Lepomis sp.	54	2.8		
46	1	Lepomis sp.	47	1.5		
47	1	Lepomis sp.	48	1.8		
48	1	Lepomis sp.	64	4.5		
49	1	Lepomis sp.	56	2.9		
50	1	Lepomis sp.	54	3.0		
51	1	Lepomis sp.	50	1.9		
52	1	Lepomis sp.	56	2.9		
53	1	Lepomis sp.	55	2.4		
54	1	Lepomis sp.	54	2.8		
55	1	Lepomis sp.	52	2.1		
56	1	Lepomis sp.	50	2.4		
57	1	Lepomis sp.	48	2.0		
58	1	Lepomis sp.	48	1.8		
59	1	Lepomis sp.	52	2.5		
60	1	Lepomis sp.	50	1.9		
61	1	Lepomis sp.	44	1.5		

(CONTINUED)

END TIME: May 22, 1984 15:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7742

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
62	1	Lepomis sp.	48	1.8		
63	1	Lepomis sp.	52	2.2		
64	1	Lepomis sp.	54	2.6		
65	1	Lepomis sp.	57	3.0		
66	1	Lepomis sp.	43	1.6		
67	1	Lepomis sp.	56	2.8		
68	1	Lepomis sp.	50	2.0		
69	1	Lepomis sp.	54	2.7		
70	1	Lepomis sp.	49	2.1		
71	1	Lepomis sp.	63	4.5		
72	1	Lepomis sp.				
73	1	Lepomis sp.	58	2.8		
74	1	Lepomis sp.	49	2.3		
75	1	Lepomis sp.	48	2.1		
76	1	Lepomis sp.	49	1.8		
77	1	Lepomis sp.	62	3.7		
78	1	Lepomis sp.	66	5.2		
79	1	Lepomis sp.	50	2.1		
80	1	Lepomis sp.	50	2.8		
81	1	Rock Bass	59	4.4		
82	1	Rock Bass	47	2.3		
83	1	Rock Bass	53	2.4		
84	1	Rock Bass	49	2.7		
85	1	Rock Bass	42	1.7		
86	1	Rock Bass	43	1.9		
87	1	Rock Bass	42	2.2		
88	1	Rock Bass	37	1.3		

END TIME: May 22, 1984 08:52
LOCATION: 4.1-VT
METHOD : Trap net, 17.9 Hours
SAMPLE : 7745

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	440	860		
2	1	White Perch	285	369	2	
3	1	White Perch	200	99	2	
4	1	White Perch	205	103	2	
5	1	White Perch	174	65	2	
6	1	White Perch	205	113	2	
7	1	Rock Bass	53	5.0		

END TIME: May 22, 1984 08:20
LOCATION: 4.2-VT
METHOD : Trap net, 17.6 Hours
SAMPLE : 7746

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	312	435	4	
2	1	White Perch	278	317	4	
3	1	White Perch	241	188	2	
4	1	Yellow Perch	241	160	3	
5	1	Yellow Perch	274	213	4	
6	1	Yellow Perch	263	185	3	
7	1	Yellow Perch	269	202	3	
8	1	Smallmouth Bass	274	235	3	4024
9	1	Yellow Perch	238	148	2	
10	1	Yellow Perch	181	64	2	
11	1	Yellow Perch	146	39	1	
12	1	Smallmouth Bass	303	319	2	4023
13	1	Smallmouth Bass	265	222	2	4022
14	1	Carp	680	5560		

END TIME: May 22, 1984 09:15
LOCATION: 4.6-NH
METHOD : Trap net, 18.1 Hours
SAMPLE : 7747

REMARKS : Net out of water

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	242	151	3	
2	1	Yellow Perch	220	107	2	
3	1	White Perch	287	316	3	
4	1	White Perch	210	112	2	
5	1	Bluegill	115	37		
6	1	Yellow Perch	174	59	1	
7	1	Yellow Perch	245	176	3	
8	1	Yellow Perch	185	67	2	
9	1	Yellow Perch	200	93	2	
10	1	Yellow Perch	216	104	3	
11	1	Yellow Perch	144	42	1	
12	1	Yellow Perch	181	63	1	
13	1	Yellow Perch	149	41	1	
14	1	Pumpkinseed	149	79		
15	1	Pumpkinseed	118	42		
16	1	Spottail Shiner	115	25		
17	1	Spottail Shiner	133	30		
18	1	Spottail Shiner	124	26		
19	1	Spottail Shiner	118	25		
20	1	Spottail Shiner	115	23		
21	1	Spottail Shiner	116	20		
22	1	Golden Shiner	155	44		
23	1	Golden Shiner	162	60		
24	1	Spottail Shiner	103	18		
25	1	Rock Bass	121	38		
26	1	Spottail Shiner	120	19		
27	1	Rock Bass	113	28		
28	1	Yellow Perch	160	39	1	
29	1	Yellow Perch	147	30		
30	1	Yellow Perch	155	37	1	
31	1	Golden Shiner	168	46		
32	1	Pumpkinseed	135	50		
33	1	White Sucker	161	39		
34	7	Spottail Shiner		109		
35	1	Golden Shiner	97	20		
36	1	White Sucker	502	1060		

END TIME: May 22, 1984 10:15
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 18.6 Hours
SAMPLE : 7748

REMARKS :

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	12	White Perch		3400		
2	12	White Perch		3290		
3	12	White Perch		3060		
4	12	White Perch		3010		
5	12	White Perch		3120		
6	12	White Perch		3180		
7	1	White Perch	305	381	3	
8	1	White Perch	273	283	3	
9	1	White Perch	318	368	4	
10	1	White Perch	299	412		
11	1	White Perch	302	411	4	
12	1	White Perch	250	238	3	
13	1	White Perch	272	331	3	
14	1	White Perch	287	402	3	
15	1	White Perch	237	171	2	
16	1	White Perch	202	103		
17	1	White Perch	310	453	5	
18	1	White Perch	258	260	3	
19	1	White Perch	167	48	2	
20	1	Golden Shiner	206	108		
21	1	Golden Shiner	221	138		
22	1	Golden Shiner	231	157		
23	1	Golden Shiner	218	123		
24	1	Golden Shiner	210	111		
25	1	Pumpkinseed	210	226		
26	1	Pumpkinseed	208	223		
27	1	Pumpkinseed	200	182		
28	1	Bluegill	82	22		
29	1	Smallmouth Bass	330	447	4	4021
30	1	Smallmouth Bass	305	401	5	4020
31	1	Yellow Perch	314	314	3	
32	1	Yellow Perch	273	214	3	
33	1	Yellow Perch	261	197		
34	1	Yellow Perch	278	255	4	
35	1	Yellow Perch	177	61	2	
36	1	Yellow Perch	218	115	2	
37	1	Yellow Perch	225	125	3	
38	1	Yellow Perch	253	225		
39	1	Yellow Perch	179	72	2	
40	1	Yellow Perch	140	40	1	
41	1	Yellow Perch	198	79	3	
42	1	Yellow Perch	246	195		
43	1	Yellow Perch	267	196	3	
44	1	Yellow Perch	300	299	4	
45	1	Yellow Perch	170	47	1	
46	1	Yellow Perch	228	143	3	
47	1	Yellow Perch	163	47	1	
48	1	Yellow Perch	205	90		
49	1	Yellow Perch	184	67	3	
50	1	Yellow Perch	208	101	2	
51	1	Yellow Perch	188	70	2	
52	1	Yellow Perch	145	36	1	
53	1	Yellow Perch	142	38		
54	1	White Sucker	600	1030		
55	1	White Sucker	514	247		
56	1	White Sucker	415	693		
57	1	White Sucker	412	652		
58	1	White Sucker	466	923		
59	1	White Sucker	474	954		

(CONTINUED)

END TIME: May 22, 1984 10:15
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 18.6 Hours
SAMPLE : 7748

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
60	1	White Sucker	456	850		
61	1	White Sucker	455	1060		
62	1	White Sucker	512	1300		
63	10	White Sucker		9070		
64	5	White Sucker		4080		
65	11	White Sucker		9530		
66	4	White Sucker		2720		
67	1	Yellow Perch	200	88	2	
68	9	White Sucker		5560		

END TIME: May 22, 1984 13:00
LOCATION: Station 5-Vermont
METHOD : Trap net, 20.5 Hours
SAMPLE : 7749

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	442	662	3	
2	1	White Perch	263	284	3	
3	1	White Perch	278	347	3	
4	1	White Perch	286	394	3	
5	1	White Perch	288	379	3	
6	1	White Perch	255	241	3	
7	1	White Perch	245	212	4	
8	1	White Perch	252	244	2	
9	1	Yellow Perch	253	203	3	
10	1	Yellow Perch	187	82	2	
11	1	Yellow Perch	232	151	3	
12	1	Yellow Perch	228	136	2	
13	1	Yellow Perch	227	142	3	
14	1	Yellow Perch	204	86	2	
15	1	Yellow Perch	247	186	4	
16	1	Yellow Perch	264	202	4	
17	1	Yellow Perch	260	191	4	
18	1	Yellow Perch	207	93	2	
19	1	Yellow Perch	234	146	3	
20	1	Yellow Perch	235	173	3	
21	1	Yellow Perch	188	67	2	
22	1	Yellow Perch	208	106	2	
23	1	Yellow Perch	228	136	3	
24	1	Yellow Perch	191	92	2	
25	1	Yellow Perch	277	235	4	
26	1	Yellow Perch	271	240	4	
27	1	Yellow Perch	208	107	3	
28	1	Yellow Perch	250	178	3	
29	1	Yellow Perch	238	143	4	
30	1	Yellow Perch	214	118	3	
31	1	Pumpkinseed	204	226		
32	1	Rock Bass	204	152		
33	1	Rock Bass	147	75		
34	1	White Sucker	465	919		
35	1	Rock Bass	217	208		
36	1	White Sucker	410	841		

END TIME: May 22, 1984 12:19
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 20.1 Hours
SAMPLE : 7750

REMARKS : Net out of water

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	315	535	5	
2	1	White Perch	298	388	5	
3	1	White Perch	252	278	5	
4	1	Yellow Perch	234	138	3	
5	1	Yellow Perch	235	155	3	
6	1	Yellow Perch	243	169	3	
7	1	Yellow Perch	245	199	3	
8	1	Yellow Perch	164	62	2	
9	1	Yellow Perch	173	70	1	
10	1	Yellow Perch	106	28		
11	1	Yellow Perch	99	32	1	
12	1	Rock Bass	181	135		
13	1	Rock Bass		81		
14	1	Rock Bass		114		
15	1	Pumpkinseed	214	269		
16	1	Golden Shiner	222	136		
17	1	Golden Shiner	159	58		
18	1	Golden Shiner	141	42		
19	1	Golden Shiner	143	45		
20	1	Golden Shiner	153	54		
21	1	Golden Shiner	197	98		
22	1	Golden Shiner	156	48		
23	1	Golden Shiner	135	36		
24	1	Golden Shiner	109	26		
25	1	Golden Shiner	112	24		
26	3	Golden Shiner		37		
27	1	Banded Killifish	104	19		
28	50	Spottail Shiner		580		
29	44	Spottail Shiner		478		
30	1	White Sucker	496	1190		
31	1	White Sucker	510	1200		

END TIME: May 22, 1984 11:34
LOCATION: Rum Point
METHOD : Trap net, 18.9 Hours
SAMPLE : 7751

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	265	276	3	
2	1	White Perch	248	207	3	
3	1	White Perch	245	248	4	
4	1	White Perch	274	326	6	
5	1	White Perch	265	326	4	
6	1	White Perch	274	310	4	
7	8	White Sucker		7030		
8	1	White Sucker	254	262		
9	1	Smallmouth Bass	374	705	4	4017
10	1	Smallmouth Bass	402	736	4	4019
11	1	Smallmouth Bass	369	650	5	4018
12	1	Brown Bullhead	325	453		
13	1	Yellow Perch	260	193	4	
14	1	Yellow Perch	263	230	5	
15	1	Yellow Perch	216	107	3	
16	1	Yellow Perch	245	166	4	
17	1	Yellow Perch	183	66	2	
18	1	Yellow Perch	195	82	2	
19	1	Yellow Perch	206	94	4	
20	1	Yellow Perch	220	108	3	
21	1	Yellow Perch	230	131	3	
22	1	Yellow Perch	186	69	2	
23	1	Yellow Perch	167	55	2	
24	1	Yellow Perch	169	44	1	
25	1	Rock Bass	195	145		
26	1	Rock Bass	198	157		
27	1	Rock Bass	196	165		
28	1	Rock Bass	190	146		
29	1	Rock Bass	180	124		
30	1	Rock Bass	170	100		
31	1	Rock Bass	155	76		
32	1	Bluegill	145	66		
33	1	Bluegill	113	29		
34	1	Bluegill	107	25		
35	1	Bluegill	60	10		
36	1	Pumpkinseed	131	47		
37	1	Pumpkinseed	130	47		
38	1	White Sucker	288	247		

END TIME: May 23, 1984 12:34
LOCATION: Vermont Yankee Intake
METHOD : Service water travelling screens, 24.0 Hours
SAMPLE : 7743

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	49	2.1		
2	1	Lepomis sp.	52	2.2		

END TIME: May 23, 1984 08:45
LOCATION: 4.1-VT
METHOD : Trap net, 23.9 Hours
SAMPLE : 7752

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	282	273	3	4016
2	1	White Perch	280	368	3	
3	1	White Perch	280	329	4	
4	1	Yellow Perch	195	86	2	
5	1	Yellow Perch	214	109		
6	1	Yellow Perch	182	57	2	
7	1	Yellow Perch	194	78	2	
8	1	Yellow Perch	157	43	1	
9	1	Rock Bass	133	51		
10	1	Rock Bass	65	13		
11	1	White Sucker	480	508		

END TIME: May 23, 1984 09:10
LOCATION: 4.2-VT
METHOD : Trap net, 24.8 Hours
SAMPLE : 7753

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	286	366	4	
2	1	White Perch	265	256	3	
3	1	White Perch	270	277	4	
4	1	White Perch	295	380	3	
5	1	White Perch	211	109	1	
6	1	Walleye	233	108	1	
7	1	Yellow Perch	220	120	3	
8	1	Yellow Perch	238	134	4	
9	1	Yellow Perch	267	198	4	
10	1	Yellow Perch	213	110	2	
11	1	Yellow Perch	232	159		
12	1	Yellow Perch	232	135	4	
13	1	Yellow Perch	224	114	2	
14	1	Yellow Perch	175	69	2	
15	1	Yellow Perch	164	52	2	
16	1	Yellow Perch	162	50	1	
17	1	Yellow Perch	235	144	2	
18	1	Yellow Perch	191	76	-2	
19	1	Smallmouth Bass	365	599	4	4014
20	1	Smallmouth Bass	314	338	3	4013
21	1	Smallmouth Bass	278	257	3	4015
22	1	Smallmouth Bass	305	355		4012
23	1	Rock Bass	211	177		

END TIME: May 23, 1984 10:00
LOCATION: 4.6-NH
METHOD : Trap net, 24.8 Hours
SAMPLE : 7754

REMARKS : Very shallow water

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	257	170	3	
2	1	Yellow Perch	91	17	1	
3	1	Yellow Perch	179	63	2	
4	1	Pumpkinseed	143	57		
5	1	Pumpkinseed	118	31		
6	1	Pumpkinseed	113	29		
7	1	Pumpkinseed	154	76		
8	1	Golden Shiner	196	97		
9	1	Golden Shiner	155	41		
10	1	Yellow Perch	166	47	2	
11	1	Rock Bass	113	28		
12	1	Rock Bass	102	22		
13	1	Rock Bass	121	33		
14	1	Spottail Shiner	123	17		
15	1	Spottail Shiner	119	17		
16	1	Spottail Shiner	126	19		
17	1	Spottail Shiner	117	16		
18	1	Spottail Shiner	127	20		
19	1	Yellow Perch	95	14		
20	1	Spottail Shiner	113	17		
21	1	Spottail Shiner	110	14		
22	1	Spottail Shiner	124	19		
23	1	Spottail Shiner	122	19		
24	1	Spottail Shiner	121	18		
25	1	Spottail Shiner	117	17		
26	1	Spottail Shiner	110	15		
27	1	Spottail Shiner	118	18		
28	1	Spottail Shiner	117	16		
29	1	Spottail Shiner	119	16		
30	1	Pumpkinseed	79	9.0		

END TIME: May 23, 1984
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net
SAMPLE : 7755

REMARKS : Not taken; water level too low

END TIME: May 23, 1984 11:20
LOCATION: Rum Point
METHOD : Trap net, 23.8 Hours
SAMPLE : 7756

REMARKS : Windy

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	321	272	4	
2	1	White Perch	297	440	3	
3	1	White Perch	258	292	3	
4	1	White Perch	268	268	3	
5	1	White Perch	272	296	4	
6	1	White Perch	258	277	3	
7	1	White Perch	263	304	3	
8	1	Walleye	392	574	2	
9	1	Yellow Perch	247	155	3	
10	1	Yellow Perch	150	43	1	
11	1	Yellow Perch	192	69	2	
12	1	Yellow Perch	254	172	4	
13	1	Yellow Perch	230	137	3	
14	1	Yellow Perch	206	88	3	
15	1	Yellow Perch	197	84	3	
16	1	Yellow Perch	234	150	3	
17	1	Yellow Perch	207	97	3	
18	1	Yellow Perch	286	279	4	
19	1	Yellow Perch	259	193	4	
20	1	Yellow Perch	247	193	4	
21	1	Yellow Perch	228	122	3	
22	1	Yellow Perch	175	56	2	
23	1	Yellow Perch	221	103	2	
24	1	Yellow Perch	228	128	3	
25	1	Yellow Perch	197	84	2	
26	1	Yellow Perch	225	127	4	
27	1	Yellow Perch	228	125	4	
28	1	Yellow Perch	246	145	3	
29	1	Yellow Perch	189	69	2	
30	1	Yellow Perch	220	109	3	
31	1	Yellow Perch	207	98	3	
32	1	Yellow Perch	161	45	1	
33	1	Yellow Perch	218	107	3	
34	1	Yellow Perch	223	110	3	
35	1	Yellow Perch	188	77	2	
36	1	Yellow Perch	225	122	3	
37	1	Yellow Perch	164	54	2	
38	1	Yellow Perch	200	86	2	
39	1	Yellow Perch	188	85	2	
40	1	Yellow Perch	177	67	2	
41	1	Yellow Perch	154	45	1	
42	1	Yellow Perch	180	62	2	
43	1	Yellow Perch	162	47	1	
44	1	Yellow Perch	147	39	1	
45	1	Yellow Perch	229	122	4	
46	1	Yellow Perch	208			
47	1	Yellow Perch	215	110	4	
48	1	Yellow Perch	154	36	1	
49	1	Yellow Perch	162	38	1	
50	1	Yellow Perch	150	31	2	
51	1	Yellow Perch	177	54	2	
52	1	Yellow Perch	151	34	2	
53	1	Yellow Perch	158	40	2	
54	1	Yellow Perch	221	126	3	
55	1	Yellow Perch	198	93	3	
56	1	Yellow Perch	164	60	1	
57	1	Yellow Perch	214	106	2	
58	1	Yellow Perch	215	120	3	
59	1	Yellow Perch	243	142	3	

(CONTINUED)

END TIME: May 23, 1984 11:20
LOCATION: Rum Point
METHOD : Trap net, 23.8 Hours
SAMPLE : 7756

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
60	1	Yellow Perch	153	44		
61	1	Yellow Perch	134	37	1	
62	1	Yellow Perch	197	93	2	
63	1	Yellow Perch	244	151	3	
64	1	Yellow Perch	151	45	2	
65	1	Yellow Perch	158	47	1	
66	1	Yellow Perch	150	43	1	
67	1	Yellow Perch	218	120		
68	1	Yellow Perch	142	35	2	
69	1	Yellow Perch	229	131	4	
70	1	Yellow Perch	153	48	2	
71	1	Yellow Perch	147	43	2	
72	1	Yellow Perch	178	72	2	
73	1	Yellow Perch	175	66	2	
74	1	Yellow Perch	230	133	4	
75	1	Yellow Perch	192	94	2	
76	1	Yellow Perch	209	118	2	
77	1	Smallmouth Bass	288		3	4011
78	1	Smallmouth Bass	328	450	4	4010
79	1	Smallmouth Bass	390	803	4	4009
80	1	Smallmouth Bass	338	499	4	4008
81	1	Smallmouth Bass	358	660	3	4007
82	1	Smallmouth Bass	272	248	2	4006
83	1	Smallmouth Bass	322	423	3	4005
84	1	Rock Bass	160	89		
85	1	Rock Bass	245	306		
86	1	Rock Bass	195	136		
87	1	Rock Bass	160	95		
88	1	Rock Bass	207	197		
89	1	Bluegill	110	36		
90	1	Pumpkinseed	193	45		
91	1	Rock Bass	176	111		
92	1	Pumpkinseed	134	44		
93	1	Rock Bass	189	125		
94	1	Pumpkinseed	190	158		
95	1	Pumpkinseed	115	41		
96	1	American Eel		340		
97	1	White Sucker	440	815		
98	1	White Sucker	483	1220		
99	1	White Sucker	466	993		
100	1	White Sucker	500	1060		
101	1	White Sucker	450	885		
102	1	White Sucker	432	763		
103	1	White Sucker	408	655		
104	1	White Sucker	435	820		
105	1	White Sucker	358	536		
106	1	White Sucker	475	912		
107	1	White Sucker	478	985		
108	1	White Sucker	450	818		
109	1	White Sucker	398	682		
110	1	White Sucker	423	810		
111	1	White Sucker	450	885		
112	1	White Sucker	433	800		
113	1	White Sucker	298	282		

END TIME: May 23, 1984 14:45
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 26.4 Hours
SAMPLE : 7757

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	250	250	3	
2	1	White Perch	211	112	1	
3	1	White Perch	260	259	5	
4	1	White Perch	305	376	4	
5	1	White Perch	248	197	2	
6	1	White Perch	314	448	3	
7	1	White Perch	272	314	2	
8	1	White Perch	325	503	4	
9	1	White Perch	205	100	2	
10	1	Smallmouth Bass	350	560	5	1701
11	1	Smallmouth Bass	303	377	4	4004
12	1	Smallmouth Bass	393	962	5	2986
13	1	Smallmouth Bass	241	172	3	4003
14	1	Yellow Perch	186	68	2	
15	1	Yellow Perch	185	70	2	
16	1	Yellow Perch	244	160	4	
17	1	Yellow Perch	235	160	4	
18	1	Yellow Perch	234	147	3	
19	1	Yellow Perch	170	57	2	
20	1	Yellow Perch	176	68	3	
21	1	Yellow Perch	177	70	2	
22	1	Yellow Perch	164	60	2	
23	1	Yellow Perch	217	114	3	
24	1	Yellow Perch	147	44		
25	1	Yellow Perch	156	32	2	
26	1	Yellow Perch	159	35	1	
27	1	Yellow Perch	179	57	2	
28	1	Yellow Perch	192	71	2	
29	1	Yellow Perch	196	87	3	
30	1	Yellow Perch	153	35	2	
31	1	Yellow Perch	163	41	2	
32	1	Yellow Perch	179	61	2	
33	1	Yellow Perch	228	140	4	
34	1	Yellow Perch	217	109	2	
35	1	Yellow Perch	195	72	3	
36	1	Yellow Perch	173	63	2	
37	1	Rock Bass	175	98		
38	1	Rock Bass	235	283		
39	1	Rock Bass	173	104		
40	1	Rock Bass	170	96		
41	1	Rock Bass	165	82		
42	1	Bluegill	198	174		
43	1	White Sucker	453	967		

END TIME: May 23, 1984 16:45
LOCATION: Station 5-Vermont
METHOD : Trap net, 27.8 Hours
SAMPLE : 7758

REMARKS : Most of net out of water

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
2	1	White Perch	195	91	1	
3	1	Golden Shiner	218	122		
4	1	Golden Shiner	154	31		
5	1	Golden Shiner	137	30		
6	1	White Perch	200	100	1	
7	1	White Perch	186	78	1	
8	1	Golden Shiner	152	40		
9	1	Golden Shiner	198	96		
10	1	Spottail Shiner				
11	1	Yellow Perch	163	41	3	
12	1	Yellow Perch	238	145	3	
13	1	Yellow Perch	270	230	4	
14	1	Yellow Perch	150	35	1	
15	1	Rock Bass	190	144		
16	1	Golden Shiner	150	36		
17	1	Rock Bass	155	73		
18	1	Bluegill	98	15		
19	1	Spottail Shiner				
20	1	Spottail Shiner				
21	1	Spottail Shiner	104	10		
22	1	Spottail Shiner	126	188		
23	1	Spottail Shiner	78	4.0		
24	1	Spottail Shiner	110	12		
25	1	Spottail Shiner	113	12		

END TIME: May 23, 1984 12:10
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7776

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	48	1.8		
2	1	Lepomis sp.	59	3.4		
3	1	Lepomis sp.	62	3.7		
4	1	Lepomis sp.	63	4.7		
5	1	Lepomis sp.	62	3.4		
6	1	Lepomis sp.	49	2.0		
7	1	Lepomis sp.	51	2.3		
8	1	Lepomis sp.	47	1.8		
9	1	Lepomis sp.	56	2.7		
10	1	Lepomis sp.	60	3.7		
11	1	Lepomis sp.	46	1.7		
12	1	Lepomis sp.	53	2.5		
13	1	Lepomis sp.	56	3.4		
14	1	Lepomis sp.	58	3.1		
15	1	Lepomis sp.	51	2.2		
16	1	Lepomis sp.	52	2.8		
17	1	Lepomis sp.	50	2.0		
18	1	Lepomis sp.	56	3.0		
19	1	Lepomis sp.	57	3.2		
20	1	Lepomis sp.	52	2.3		
21	1	Lepomis sp.	55	2.8		
22	1	Lepomis sp.	53	3.0		
23	1	Lepomis sp.	49	2.3		
24	1	Lepomis sp.	51	2.1		
25	1	Lepomis sp.	47	2.0		
26	1	Lepomis sp.	52	2.1		
27	1	Lepomis sp.	50	4.6		
28	1	Lepomis sp.	58	5.2		
29	1	Lepomis sp.	45	3.7		
30	1	Lepomis sp.	50	4.1		
31	1	Lepomis sp.	43	3.5		
32	1	Lepomis sp.	52	4.2		
33	1	Lepomis sp.	55	4.7		
34	1	Lepomis sp.	55	3.0		
35	1	Lepomis sp.	52	3.1		
36	1	Lepomis sp.	55	3.1		
37	1	Lepomis sp.	52	3.0		
38	1	Lepomis sp.	50	2.6		
39	1	Lepomis sp.	50	2.6		
40	1	Lepomis sp.	56	2.5		
41	1	Lepomis sp.	50	2.8		
42	1	Lepomis sp.	44	2.1		
43	1	Lepomis sp.	48	2.5		
44	1	Lepomis sp.	49	2.5		
45	1	Lepomis sp.	52	3.1		
46	1	Lepomis sp.	49	2.6		
47	1	Lepomis sp.	51	2.6		
48	1	Lepomis sp.	46	2.2		
49	1	Lepomis sp.	56	3.0		
50	1	Lepomis sp.	50	2.8		
51	1	Lepomis sp.	52	3.2		
52	1	Lepomis sp.	53	3.3		
53	1	Lepomis sp.	49	2.5		
54	1	Lepomis sp.	63	4.8		
55	1	Lepomis sp.	53	3.0		
56	1	Lepomis sp.	48	2.3		
57	1	Lepomis sp.	43	2.1		
58	1	Lepomis sp.	44	2.2		
59	1	Lepomis sp.	52	2.4		
60	1	Lepomis sp.	43	1.7		
61	1	Lepomis sp.	51	2.5		

(CONTINUED)

END TIME: May 23, 1984 12:10
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 7776

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
62	1	Lepomis sp.	50	2.3		
63	1	Lepomis sp.	46	2.0		
64	1	Lepomis sp.	48	2.0		
65	1	Lepomis sp.	52	2.3		
66	1	Lepomis sp.	46	2.0		
67	1	Lepomis sp.	51	2.8		
68	1	Lepomis sp.	57	3.1		
69	1	Lepomis sp.	40	2.0		
70	1	Lepomis sp.	50	2.0		
71	1	Bluegill	110	23		
72	1	Bluegill	80	10		
73	1	Rock Bass	44	1.6		
74	1	Rock Bass	53	3.2		
75	1	Rock Bass	43	2.4		
76	1	Rock Bass	52	2.7		
77	1	Rock Bass	62	4.8		
78	1	Rock Bass	52	3.0		
79	1	Rock Bass	46	2.2		
80	1	Rock Bass	49	2.6		
81	1	Rock Bass	44	2.4		
82	1	Rock Bass	49	2.0		
83	1	Rock Bass	43	1.7		
84	1	Rock Bass	50	2.7		
85	1	Rock Bass	50	2.4		
86	1	Spottail Shiner	61	1.8		
87	1	Smallmouth Bass	72	4.3		
88	1	Smallmouth Bass	71	4.0		
89	1	Smallmouth Bass	69	3.8		
90	1	Smallmouth Bass	63	3.2		
91	1	White Perch	77	4.3		
92	1	White Perch	161	49		
93	1	White Perch	162	46		
94	1	White Perch	152	42		
95	1	White Perch	152	41		

END TIME: May 24, 1984 09:15
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 14.8 Hours
SAMPLE : 7777

REMARKS : Net flipped

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	153	60		
2	1	Rock Bass	210	171		
3	1	Rock Bass	230	225		
4	1	Rock Bass	201	139		
5	1	Rock Bass	244	290		
6	1	Rock Bass	157	67		
7	1	Rock Bass	201	134		
8	1	Rock Bass	237	271		
9	1	Rock Bass	237	292		
10	1	Rock Bass	170	101		
11	1	Rock Bass	160	78		
12	1	Rock Bass	213	213		
13	1	Rock Bass	200	143		
14	1	Rock Bass	183	125		
15	1	Rock Bass	211	190		
16	1	Rock Bass	180	99		
17	1	Rock Bass	187	127		
18	1	Rock Bass	212	175		
19	1	Rock Bass	245	324		
20	1	Rock Bass	209	205		
21.	1	Rock Bass	240	297		
22	1	Rock Bass	155	73		
23	1	Rock Bass	193	150		
24	1	Rock Bass	187	125		
25	1	Rock Bass	231	227		
26	1	Rock Bass	125	30		
27	1	Rock Bass	157	61		
28	1	Yellow Perch	158	27	2	
29	1	Yellow Perch	142	21	1	
30	1	Yellow Perch	200	80	3	
31	1	Yellow Perch	154	32	1	
32	1	White Perch	299	401	3	
33	1	Yellow Perch	240	136	3	
34	1	Bluegill	137	42		
35	1	Yellow Perch	195	71	2	

END TIME: May 24, 1984 10:30
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 15.8 Hours
SAMPLE : 7778

REMARKS : (Station 3) Net flipped, reset shortened lead

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	231	230		
2	1	Smallmouth Bass	247	190	2	3524
3	1	Rock Bass	186	116		
4	1	Rock Bass	168	95		
5	1	Rock Bass	131	45		

END TIME: May 24, 1984 10:45
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 15.8 Hours
SAMPLE : 7779

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	330	475	4	3523
2	1	Smallmouth Bass	290	335	2	3522
3	1	Rock Bass	235	247		
4	1	Rock Bass	218	211		
5	1	Rock Bass	235	297		
6	1	Rock Bass	242	307		
7	1	Rock Bass	205	180		
8	1	Rock Bass	207	198		
9	1	Rock Bass	242	332		
10	1	Rock Bass	205	188		
11	1	Rock Bass	210	210		
12	1	Rock Bass	185	126		
13	1	Rock Bass	197	136		
14	1	Rock Bass	183	124		
15	1	Rock Bass	222	247		
16	1	Rock Bass	210	206		
17	1	Yellow Perch	273	231		

END TIME: May 24, 1984 11:51
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 15.7 Hours
SAMPLE : 7780

REMARKS : Net flipped

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	195	153		
2	1	Rock Bass	204	172		

END TIME: May 24, 1984 12:15
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 16.9 Hours
SAMPLE : 7781

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	232	274		
2	1	Rock Bass	195	158		
3	1	Rock Bass	199	166		
4	1	Rock Bass	209	197		
5	1	Rock Bass	157	79		
6	1	Yellow Perch	292	257	6	
7	1	Yellow Perch	271	212	4	
8	1	Smallmouth Bass	252	250	3	3521
9	1	Smallmouth Bass	334	465	4	3520
10	1	American Eel				

END TIME: May 24, 1984 12:45
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 17.7 Hours
SAMPLE : 7782

REMARKS : Net flipped (North side of island)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	320	410	4	3519

END TIME: May 24, 1984 11:53
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 26.6 Hours
SAMPLE : 7783

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	350	555	4	3509

END TIME: May 24, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7789

REMARKS : AO's have been backwashing all screens on 4-12 shift this (maybe others) are combined samples. Fish numbered 91-112 preserved (BLN 1113)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	7	4.4		
2	1	Smallmouth Bass	7	3.1		
3	1	Smallmouth Bass	8	5.3		
4	1	Smallmouth Bass	72	3.6		
5	1	Smallmouth Bass	67	3.0		
6	1	Smallmouth Bass	86	6.2		
7	1	Smallmouth Bass	83	5.5		
8	1	Smallmouth Bass	73	4.3		
9	1	Smallmouth Bass	73	3.7		
10	1	Smallmouth Bass	77	5.2		
11	1	Smallmouth Bass	82	4.8		
12	1	Smallmouth Bass	86	6.0		
13	1	Smallmouth Bass	79	4.7		
14	1	Smallmouth Bass	59	2.3		
15	1	Banded Killifish	76	3.9		
16	1	White Perch	166	51		
17	1	White Perch	161	43		
18	1	White Perch	156	44		
19	1	White Perch	167	55		
20	1	White Perch	150	35		
21	1	White Perch	165	46		
22	1	Yellow Perch	95	8.2		
23	1	Yellow Perch	83	5.4		
24	1	Yellow Perch	85	5.7		
25	1	Yellow Perch	101	9.3		
26	1	Yellow Perch	94	7.2		
27	1	Yellow Perch	97	9.6		
28	1	Yellow Perch	84	5.2		
29	1	Yellow Perch	76	4.0		
30	1	Yellow Perch	110	12		
31	1	Yellow Perch	97	7.2		
32	1	Yellow Perch	94	7.6		
33	1	Yellow Perch	80	4.5		
34	1	Yellow Perch	99	6.7		
35	1	Yellow Perch	216	98		
36	1	Smallmouth Bass	64	2.3		
37	1	Smallmouth Bass	78	5.6		
38	1	Smallmouth Bass	61	2.3		
39	1	White Perch	81	4.6		
40	1	Rock Bass	63	4.0		
41	1	Rock Bass	63	5.0		
42	1	Rock Bass	53	2.6		
43	1	Rock Bass	57	3.6		
44	1	Rock Bass	54	2.5		
45	1	Rock Bass	56	2.8		
46	1	Rock Bass	49	1.8		
47	1	Rock Bass	57	3.3		
48	1	Rock Bass	62	4.0		
49	1	Rock Bass	60	3.7		
50	16	Rock Bass		37		
51	1	Bluegill	99	14		
52	1	Bluegill	100	14		
53	1	Bluegill	87	10		
54	1	Bluegill	108	21		
55	1	Bluegill	97	15		
56	1	Bluegill	103	17		
57	1	Bluegill	88	10		

(CONTINUED)
END TIME: May 24, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7789

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
58	1	Bluegill	89	11		
59	1	Bluegill	107	19		
60	1	Bluegill	96	14		
61	1	Bluegill	98	14		
62	1	Bluegill	92	12		
63	1	Bluegill	97	13		
64	1	Bluegill	92	11		
66	1	Lepomis sp.	57	2.6		
67	1	Lepomis sp.	57	2.6		
68	1	Lepomis sp.	53	2.5		
69	1	Lepomis sp.	54	2.4		
70	1	Lepomis sp.	54	2.4		
71	1	Lepomis sp.	50	1.9		
72	1	Lepomis sp.	57	3.0		
73	1	Lepomis sp.	52	2.4		
74	1	Lepomis sp.	62	3.8		
75	1	Lepomis sp.	51	2.2		
76	1	Lepomis sp.	55	2.7		
77	1	Lepomis sp.	58	3.1		
78	1	Lepomis sp.	50	2.0		
79	115	Lepomis spp.		29.0		
80	1	Bluegill	93	13		
81	1	Bluegill	68	5.4		
91	1	Golden Shiner	68	2.1		
92	1	Golden Shiner	67	2.0		
93	1	Golden Shiner	67	2.0		
94	1	Spottail Shiner	67	2.0		
95	1	Spottail Shiner	66	1.8		
96	1	Spottail Shiner	62	1.7		
97	1	Spottail Shiner	73	2.7		
98	1	Spottail Shiner	57	0.9		
99	1	Spottail Shiner	72	2.5		
100	1	Spottail Shiner	73	3.3		
101	1	Spottail Shiner	63	2.1		
102	1	Spottail Shiner	69	2.3		
103	1	Spottail Shiner	66	1.5		
104	1	Spottail Shiner	72	2.9		
105	1	Spottail Shiner	72	2.3		
106	1	Spottail Shiner	61	1.6		
107	1	Spottail Shiner	87	5.6		
108	1	Spottail Shiner	66	1.9		
109	1	Spottail Shiner	70	2.2		
110	1	Spottail Shiner	116	12		
111	1	Spottail Shiner	109	11		
112	1	Notropis sp.	60	2.2		

END TIME: May 25, 1984 11:03
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 24.5 Hours
SAMPLE : 7784

REMARKS : Net flipped (Station 3)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	274	343	3	
2	1	White Perch	226	169	2	
3	1	White Perch	220	162	2	
4	1	Yellow Perch	232	124	3	
5	1	Smallmouth Bass	298	371	5	3513
6	1	Smallmouth Bass	293	349		3512
7	1	Smallmouth Bass	305	376	4	790
8	1	Smallmouth Bass	300	390	4	3511
9	1	Smallmouth Bass	260	218		3510
10	1	Rock Bass	228	282		
11	1	Rock Bass	188	147		
12	1	Rock Bass	218	224		
13	1	Rock Bass	216	205		
14	1	Rock Bass	183	118		
15	1	Rock Bass	179	107		
16	1	Rock Bass	194	137		
17	1	Rock Bass	182	121		
18	1	Rock Bass	203	174		
19	1	Rock Bass	188	124		
20	1	Rock Bass	199	257		
21	1	White Sucker	495	1050		
22	1	Carp	638	3740		

END TIME: May 25, 1984 09:53
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 23.1 Hours
SAMPLE : 7785

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	274	306	2	
2	1	White Perch	308	437	3	
3	1	Smallmouth Bass	319	421		3517
4	1	Smallmouth Bass	343	531	5	3516
5	1	Smallmouth Bass	308	361	4	3515
6	1	Smallmouth Bass	281	280	4	3514
7	1	Yellow Perch	270	193		
8	1	Yellow Perch	268	222	4	
9	1	Rock Bass	248	303		
10	1	Rock Bass	220	240		
11	1	Rock Bass	223	240		
12	1	Rock Bass	218	209		
13	1	Rock Bass	207	196		
14	1	Rock Bass	250	343		
15	1	Rock Bass	206	196		
16	1	Yellow Perch	253	193	2	
17	1	Rock Bass	218	240		
18	1	Rock Bass	215	279		
19	1	Rock Bass	219	252		
20	1	Rock Bass		198		
21	1	Rock Bass	195	162		
22	1	Rock Bass	200	174		
23	1	Rock Bass	178	120		
24	1	Yellow Perch	120	121	1	
25	1	Rock Bass	200	167		
26	1	Rock Bass	204	178		
27	1	Rock Bass	215	238		
28	1	Rock Bass	213	238		
29	1	Rock Bass	167	98		
30	1	Rock Bass	217	221		
31	1	Rock Bass	183	135		
32	1	Rock Bass	220	234		
33	1	White Sucker	468	1170		

END TIME: May 25, 1984 10:40
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 22.8 Hours
SAMPLE : 7786

REMARKS : Net flipped

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	223	238		
2	1	Rock Bass	224	245		
3	1	Rock Bass	184	120		
4	1	Rock Bass	189	131		

END TIME: May 25, 1984 08:37
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 20.4 Hours
SAMPLE : 7787

REMARKS :

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	303	384	5	3518
2	1	Rock Bass	215	228		
3	1	Rock Bass	230	242		
4	1	Rock Bass	216	215		

END TIME: May 25, 1984 08:52
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 20.1 Hours
SAMPLE : 7788

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	228	250		

END TIME: May 25, 1984 11:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7797

REMARKS : SWTS w/one automatic CWTS wash

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	51	2.3		
2	1	Bluegill	55	2.7		
3	1	Bluegill	49	2.1		
4	1	Bluegill	47	1.8		
5	1	Rock Bass	52	2.8		
6	1	Yellow Perch	145	30		

END TIME: May 30, 1984 15:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7815

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	112	14		
2	1	White Perch	90	6.3		
3	1	White Perch	89	6.8		
4	1	Yellow Perch	145	30		
5	1	Yellow Perch	177	54		
6	1	Yellow Perch	92	7.8		
7	1	Yellow Perch	91	7.3		
8	1	Yellow Perch	111	13		
9	1	Yellow Perch	155	37		
10	1	Yellow Perch	96	8.8		
11	1	Yellow Perch	161	42		
12	1	Yellow Perch	150	33		
13	1	Yellow Perch	90	6.2		
14	1	Yellow Perch	150	32		
15	1	Yellow Perch	96	8.2		
16	1	Yellow Perch	100	9.5		
17	1	Yellow Perch	145	30		
18	1	Yellow Perch	122	20		
19	1	Yellow Perch	151	34		
20	1	Yellow Perch	96	8.5		
21	1	Yellow Perch	203	82		
22	1	Yellow Perch	90	7.4		
23	1	Yellow Perch	97	8.2		
24	1	Yellow Perch	109	12		
25	62	Yellow Perch		617		
26	229	Lepomis spp.		544		
27	1	Lepomis sp.	52	5.0		
28	1	Lepomis sp.	57	5.4		
29	1	Lepomis sp.	53	4.6		
30	1	Lepomis sp.	54	5.8		
31	1	Lepomis sp.	47	4.0		
32	1	Lepomis sp.	61	5.6		
33	1	Lepomis sp.	58	5.2		
34	1	Lepomis sp.	62	5.5		
35	1	Lepomis sp.	65	5.0		
36	1	Lepomis sp.	54	2.9		
37	1	Lepomis sp.	53	3.4		
38	1	Lepomis sp.	54	3.4		
39	1	Lepomis sp.	56	3.2		
40	1	Lepomis sp.	54	3.1		
41	1	Lepomis sp.	54	3.1		
42	1	Lepomis sp.	61	4.4		
43	1	Lepomis sp.	67	5.1		
44	1	Lepomis sp.	54	3.4		
45	1	Lepomis sp.	56	3.5		
46	1	Lepomis sp.	53	3.0		
47	1	Lepomis sp.	50	2.9		
48	1	Lepomis sp.	56	3.0		
49	1	Lepomis sp.	59	3.9		
50	1	Lepomis sp.	55	3.4		
51	1	Brown Bullhead	115	18		
52	1	Brown Bullhead	103	11		
53	1	Golden Shiner	103	10		
54	1	Rock Bass	52	2.9		
55	1	Rock Bass	53	3.0		
56	1	Rock Bass	57	4.0		
57	1	Rock Bass	53	3.6		
58	1	Rock Bass	56	4.2		

(CONTINUED)

END TIME: May 30, 1984 15:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7815

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
59	1	Rock Bass	56	4.1		
60	1	Rock Bass	58	4.0		
61	1	Rock Bass	59	4.4		
62	1	Rock Bass	63	5.1		
63	1	Rock Bass	52	3.4		
64	1	Rock Bass	62	5.2		
65	1	Rock Bass	60	4.8		
66	1	Rock Bass	62	4.9		
67	1	Rock Bass	38	1.8		
68	1	Rock Bass	61	4.7		
69	1	Rock Bass	44	2.0		
70	1	Rock Bass	44	2.2		
71	1	Rock Bass	50	3.0		
72	1	Rock Bass	56	3.7		
73	1	Rock Bass	52	3.1		
74	26	Rock Bass		82		
75	1	Bluegill	103	19		
76	1	Bluegill	72	7.0		
77	1	Bluegill	70	5.1		
78	1	Bluegill	75	7.2		
79	1	Bluegill	77	7.5		
80	1	Smallmouth Bass	69	3.6		
81	1	Smallmouth Bass	86	6.5		
82	1	Smallmouth Bass	80	7.4		
83	1	Smallmouth Bass	93	7.8		
84	1	Smallmouth Bass	73	4.3		
85	1	Smallmouth Bass	67	3.8		
86	1	Smallmouth Bass	84	6.5		
87	1	Smallmouth Bass	75	4.8		
88	1	Smallmouth Bass	70	4.0		
89	1	Spottail Shiner	66	2.7		
90	1	Spottail Shiner	72	3.1		
91	1	Spottail Shiner	65	3.2		
92	1	Spottail Shiner	65	3.0		
93	1	Spottail Shiner	77	3.7		
94	1	Spottail Shiner	64	2.9		
95	1	Spottail Shiner	78	4.2		
96	1	Spottail Shiner	75	4.1		
97	1	Spottail Shiner	60	2.5		
98	1	Spottail Shiner	68	3.1		

END TIME: May 31, 1984 13:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7820

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	231	133		
2	1	Yellow Perch	209	103		
3	1	Yellow Perch	196	74		
4	1	Yellow Perch	182	65		
5	1	Yellow Perch	90	6.5		
6	1	Yellow Perch	102	9.1		
7	1	Yellow Perch	86	4.8		
8	1	Yellow Perch	90	4.8		
9	1	Yellow Perch	96	7.8		
10	1	Yellow Perch	101	10		
11	1	Rock Bass	57	3.6		
12	1	Rock Bass	53	2.8		
13	1	Rock Bass	42	1.4		
14	1	Bluegill	94	13		
15	1	Bluegill	81	8.6		
16	1	Bluegill	86	10		
17	1	American Eel	147	4.8		
18	1	Spottail Shiner	81	4.1		
19	1	Spottail Shiner	58	2.2		
20	1	Atlantic Salmon	126	17		
21	1	Brown Bullhead	102	10		
22	1	Brown Bullhead	68	3.6		
23	1	Brown Bullhead	84	6.4		
24	1	Brown Bullhead	114	16		
25	1	Brown Bullhead	60	2.5		
26	1	Brown Bullhead	56	2.4		
27	1	Brown Bullhead	60	3.1		
28	1	Brown Bullhead	58	2.3		
29	1	Lepomis sp.	58	2.9		
30	1	Lepomis sp.	61	3.8		
31	1	Lepomis sp.	61	3.8		
32	1	Lepomis sp.	63	3.7		
33	1	Lepomis sp.	65	4.4		
34	1	Lepomis sp.	54	2.5		
35	1	Lepomis sp.	60	3.6		
36	1	Lepomis sp.	65	4.9		
37	1	Lepomis sp.	57	3.0		
38	1	Lepomis sp.	65	4.4		
39	1	Lepomis sp.	63	4.2		
40	1	Lepomis sp.	69	5.5		
41	1	Lepomis sp.	53	2.7		
42	1	Lepomis sp.	59	3.5		
43	1	Lepomis sp.	55	2.8		
44	1	Lepomis sp.	56	3.0		
45	1	Lepomis sp.	63	4.3		
46	1	Lepomis sp.	62	3.8		
47	1	Lepomis sp.	72	5.8		
48	1	Lepomis sp.	50	2.1		
49	104	Lepomis spp.		310		

END TIME: June 1, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7832

REMARKS : CWTS/SWTS combined

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	224	Lepomis spp.		660		
2	1	Yellow Perch	240	156		
3	1	Yellow Perch	242	155		
4	1	Yellow Perch	215	116		
5	1	Yellow Perch	163	40		
6	1	Yellow Perch	155	31		
7	1	White Sucker	99	11		
8	1	Golden Shiner	87	6.6		
9	1	Lepomis sp.	50	2.3		
10	1	Lepomis sp.	62	3.5		
11	1	Lepomis sp.	60	3.5		
12	1	Lepomis sp.	66	4.4		
13	1	Lepomis sp.	60	3.6		
14	1	Lepomis sp.	53	2.8		
15	1	Lepomis sp.	57	3.3		
16	1	Lepomis sp.	50	2.2		
17	1	Lepomis sp.	61	3.3		
18	1	Lepomis sp.	53	2.6		
19	1	Lepomis sp.	79	8.6		
20	1	Lepomis sp.	53	2.3		
21	1	Lepomis sp.	60	3.8		
22	1	Lepomis sp.	60	3.5		
23	1	Lepomis sp.	52	2.3		
24	1	Lepomis sp.	50	2.3		
25	1	Lepomis sp.	59	3.6		
26	1	Lepomis sp.	49	2.2		
27	1	Lepomis sp.	49	2.4		
28	1	Lepomis sp.	56	3.1		
29	1	Rock Bass	56	3.4		
30	1	Rock Bass	185	112		
31	1	Pumpkinseed	152	70		
32	1	Pumpkinseed	63	4.3		
33	1	Bluegill	77	7.7		
34	1	Bluegill	100	16		
35	1	Spottail Shiner	114	12		
36	1	Spottail Shiner	70	3.0		
37	1	Spottail Shiner	75	3.4		
38	1	Smallmouth Bass	96	9.8		
39	1	Smallmouth Bass	77	4.3		
40	1	Smallmouth Bass	67	3.5		
41	1	Smallmouth Bass	83	6.7		
42	1	Smallmouth Bass	72	3.9		
43	1	Smallmouth Bass	76	7.0		
44	1	Brown Bullhead	166	47		
45	1	Brown Bullhead	168	57		
46	1	Brown Bullhead	182	74		
47	1	Brown Bullhead	112	15		
48	1	Brown Bullhead	116	17		
49	1	Brown Bullhead	82	6.8		
50	1	Brown Bullhead	73	5.5		
51	1	Brown Bullhead	95	11		
52	1	Brown Bullhead	64	2.6		
53	1	Brown Bullhead	87	7.7		
54	1	Brown Bullhead	58	3.3		
55	1	Brown Bullhead	65	3.5		
56	1	Brown Bullhead	94	9.0		
57	1	Brown Bullhead	56	1.9		
58	1	Brown Bullhead	56	1.6		

(CONTINUED)

END TIME: June 1, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7832

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
59	1	Brown Bullhead	75	4.5		
60	1	Brown Bullhead	64	2.5		
61	1	Brown Bullhead	81	5.9		
62	1	Brown Bullhead	59	2.0		
63	1	Brown Bullhead	85	7.1		
64	1	Brown Bullhead	66	3.4		
65	62	Brown Bullhead		238		
66	1	Yellow Bullhead	62	3.9		
67	1	Yellow Bullhead	58	3.0		
68	1	Yellow Bullhead	63	4.3		
69	1	Yellow Bullhead	54	2.9		
70	1	Yellow Bullhead	60	3.3		
71	1	Yellow Bullhead	55	3.2		

END TIME: June 2, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7833

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant; sample frozen for later identification

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	410	790		
2	58	Lepomis spp.		153		
3	1	Spottail Shiner	112	13		
4	1	White Sucker	141	32		
5	1	Yellow Perch	95	6.5		
6	1	Smallmouth Bass	81	6.8		
7	1	Smallmouth Bass	79	5.7		
8	1	Smallmouth Bass	73	4.4		
9	1	Bluegill	67	5.5		
10	1	Bluegill	83	7.7		
11	1	Bluegill	70	6.1		
12	1	Bluegill	67	5.5		
13	1	Bluegill	72	6.1		
14	1	Bluegill	67	4.3		
15	1	Bluegill	66	4.5		
16	1	Bluegill	65	3.4		
17	1	Bluegill	56	2.8		
18	1	Brown Bullhead	160	56		
19	1	Brown Bullhead	150	49		
20	1	Brown Bullhead	150	32		
21	1	Brown Bullhead	100	14		
22	1	Brown Bullhead	123	22		
23	1	Brown Bullhead	105	14		
24	1	Brown Bullhead	93	10		
25	1	Brown Bullhead	85	7.7		
26	1	Brown Bullhead	73	4.6		
27	1	Brown Bullhead	99	10		
28	1	Brown Bullhead	85	6.7		
29	17	Brown Bullhead		45		
31	1	Brown Bullhead	60	3.2		
32	1	Brown Bullhead	55	1.7		
33	1	Brown Bullhead	55	1.7		
34	1	Brown Bullhead	71	5.3		

END TIME: June 3, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7834

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	251	Lepomis spp.		690		
2	1	White Perch	95	9.6		
3	1	Smallmouth Bass	102	14		
4	1	Smallmouth Bass	66	3.7		
5	1	Yellow Perch	83	5.7		
6	1	Pumpkinseed	63	4.6		
7	1	Pumpkinseed	67	5.2		
8	1	Bluegill	74	6.7		
9	1	Bluegill	86	11		
10	1	Bluegill	80	9.0		
11	1	Bluegill	79	9.0		
12	1	Bluegill	79	8.3		
13	1	Bluegill	95	14		
14	1	Bluegill	105	19		
15	1	Bluegill	102	17		
16	1	Brown Bullhead	180	80		
17	1	Brown Bullhead	110	16		
18	1	Brown Bullhead	100	11		
19	1	Brown Bullhead	104	14		
20	1	Brown Bullhead	100	12		
21	1	Brown Bullhead	85	8.2		
22	1	Brown Bullhead	97	12		
23	1	Brown Bullhead	95	14		
24	1	Brown Bullhead	85	7.7		
25	1	Brown Bullhead	85	7.5		
26	1	Brown Bullhead	73	6.0		
27	1	Brown Bullhead	76	5.0		
28	1	Brown Bullhead	78	5.7		
29	1	Brown Bullhead	84	7.5		
30	38	Brown Bullhead		111		

END TIME: June 4, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7835

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	245	186		
2	1	Yellow Perch	92	6.8		
3	1	Yellow Perch	93	8.8		
4	1	Yellow Perch	97	11		
5	1	Yellow Perch	110	13		
6	1	Yellow Perch	95	9.0		
7	1	Yellow Perch	96	5.8		
8	1	White Perch	156	35		
9	1	Smallmouth Bass	78	4.7		
10	1	Smallmouth Bass	75	4.9		
11	1	Spottail Shiner	76	3.3		
12	1	Spottail Shiner	66	2.6		
13	1	Rock Bass	47	2.4		
14	1	Brown Bullhead	103	12		
15	1	Brown Bullhead	86	7.7		
16	1	Brown Bullhead	106	12		
17	1	Brown Bullhead	110	15		
18	1	Brown Bullhead	111	16		
19	1	Brown Bullhead	116	18		
20	1	Brown Bullhead	116	15		
21	1	Brown Bullhead	120	18		
22	1	Brown Bullhead	104	11		
23	1	Brown Bullhead	58	2.2		
24	1	Brown Bullhead	117	17		
25	1	Brown Bullhead	93	8.6		
26	1	Brown Bullhead	90	7.0		
27	1	Brown Bullhead	63	2.8		
28	1	Brown Bullhead	67	4.0		
29	1	Brown Bullhead	62	3.1		
30	1	Brown Bullhead	118	20		
31	1	Brown Bullhead	57	1.8		
32	1	Brown Bullhead	54	1.9		
33	1	Brown Bullhead	58	2.1		
34	31	Brown Bullhead		209		
35	1	Bluegill	97	16		
36	1	Bluegill	103	18		
37	1	Bluegill	91	12		
38	1	Bluegill	113	24		
39	1	Bluegill	111	22		
40	1	Bluegill	113	26		
41	1	Bluegill	84	10		
42	1	Bluegill	92	14		
43	1	Bluegill	66	5.3		
44	1	Bluegill	55	2.8		
45	1	Bluegill	60	4.3		
46	1	Pumpkinseed	63	5.4		
47	1	Pumpkinseed	84	12		
48	348	Lepomis spp.		865		

END TIME: June 5, 1984 16:45
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 1.3 Hours
SAMPLE : 7836

REMARKS : 4-VT no fish were captured; shocked NH setback; NH setback fish were captured AC - 3amps pw 40-50%, pulses/sec - 100.Sample was collected for parasite study

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	290	328	3	
2	1	White Perch	187	87	2	
3	1	Yellow Perch	175	56	1	
4	1	White Perch	267	257	5	
5	1	White Perch	207	112	2	
6	1	Yellow Perch	160	43	1	
7	1	White Perch	280	304	3	
8	1	White Perch	200	98	1	
9	1	Yellow Perch	155	36		
10	1	Smallmouth Bass	190	66	1	
11	1	White Perch	258	235	2	

END TIME: June 5, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7837

REMARKS : CWTS/SWTS combined due to overnight backwash of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	87	7.5		
2	1	Yellow Perch	85	4.7		
3	1	Yellow Perch	93	7.9		
4	1	Yellow Perch	110	12		
5	1	Yellow Perch	106	12		
6	1	Yellow Perch	93	7.0		
7	1	Largemouth Bass	64	3.5		
8	1	Smallmouth Bass	62	2.7		
9	1	Rock Bass	53	2.4		
10	1	Rock Bass	52	2.9		
11	1	Rock Bass	47	2.3		
12	1	Rock Bass	52	2.5		
13	1	Brown Bullhead	70	4.5		
14	1	Brown Bullhead	98	11		
15	1	Brown Bullhead	113	16		
16	1	Brown Bullhead	165	52		
17	1	Brown Bullhead	110	13		
18	1	Brown Bullhead	110	13		
19	1	Brown Bullhead	100	11		
20	1	Brown Bullhead	105	12		
21	1	Brown Bullhead	63	2.8		
22	1	Brown Bullhead	72	3.7		
23	1	Brown Bullhead	104	12		
24	1	Brown Bullhead	62	2.7		
25	1	Brown Bullhead	84	6.8		
26	1	Brown Bullhead	100	12		
27	1	Brown Bullhead	86	6.5		
28	1	Brown Bullhead	68	3.7		
29	14	Brown Bullhead		138		
31	1	Bluegill	83	9.5		
32	1	Bluegill	77	7.4		
33	1	Bluegill	104	17		
34	1	Bluegill	66	44		
35	1	Bluegill	56	2.7		
36	1	Bluegill	75	7.2		
37	1	Bluegill	56	2.9		
38	1	Bluegill	52	2.5		
39	1	Bluegill	56	3.0		
40	1	Bluegill	86	11		
41	1	Bluegill	73	6.6		
42	1	Bluegill	65	4.4		
43	1	Bluegill	55	2.8		
44	1	Bluegill	55	3.1		
45	1	Bluegill	53	3.0		
46	1	Pumpkinseed	60	3.8		
47	1	Pumpkinseed	65	4.3		
48	1	Pumpkinseed	67	6.0		
49	1	Pumpkinseed	64	3.8		
50	1	Pumpkinseed	73	5.7		
51	1	Pumpkinseed	55	2.8		
52	161	Lepomis spp.		401		

END TIME: June 6, 1984 11:15
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 3.3 Hours
SAMPLE : 7838

REMARKS : Sample was collected for parasite study; Most fish collected from NH setback, three small bass and a few yellow perch from 4-VT; electrofished with AC

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	355	526	5	
2	1	Smallmouth Bass	194	74	2	
3	1	White Sucker	515	1390		
4	1	White Sucker	460	968		
5	1	Smallmouth Bass	365	572	5	
6	1	Smallmouth Bass	203	88	2	
7	1	Smallmouth Bass	172	57	2	

END TIME: June 6, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7856

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Golden Shiner	150	35		
2	1	White Perch	157	39		
3	1	White Perch	157	40		
4	1	Yellow Perch	97	8.7		
5	1	Yellow Perch	115	14		
6	1	Yellow Perch	91	8.2		
7	1	Yellow Perch	91	7.5		
8	1	Yellow Perch	80	4.7		
9	1	Yellow Perch	108	11		
10	1	Yellow Perch	164	44		
11	5	Yellow Perch		44		
12	1	Golden Shiner	72	2.5		
13	1	Bluegill	98	15		
14	1	Bluegill	96	13		
15	1	Bluegill	73	6.3		
16	1	Bluegill	73	5.4		
17	1	Bluegill	83	9.3		
18	1	Rock Bass	55	3.1		
19	1	Rock Bass	57	3.8		
20	1	Rock Bass	54	3.0		
21	1	Rock Bass	53	2.4		
22	1	Rock Bass	48	2.3		
23	1	Rock Bass	53	2.4		
24	1	Rock Bass	39	1.3		
25	1	Brown Bullhead	54	2.0		
26	1	Brown Bullhead	58	2.4		
27	1	Brown Bullhead	89	8.2		
28	1	Brown Bullhead	60	2.0		
29	1	Brown Bullhead	65	2.8		
30	1	Brown Bullhead	60	2.6		
31	1	Brown Bullhead	112	14		
32	1	Brown Bullhead	122	21		
33	1	Brown Bullhead	105	11		
34	1	Brown Bullhead	98	11		
35	1	Brown Bullhead	63	2.7		
36	1	Brown Bullhead	77	4.3		
37	1	Brown Bullhead	55	2.1		
38	1	Brown Bullhead	77	4.5		
39	1	Brown Bullhead	68	3.5		
40	26	Brown Bullhead		246		
41	1	Yellow Bullhead	108	12		
42	1	Yellow Bullhead	80	5.3		
43	174	Lepomis spp.		434		

END TIME: June 7, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7857

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	250	222		
2	1	White Perch	85	6.0		
3	1	White Perch	80	5.5		
4	1	Yellow Perch	94	8.4		
5	1	Yellow Perch	109	10		
6	1	Yellow Perch	79	4.8		
7	1	Yellow Perch	100	9.8		
8	1	Yellow Perch	85	6.0		
9	1	Yellow Perch	85	5.2		
10	1	Yellow Perch	103	10		
11	1	Yellow Perch	99	9.0		
12	1	Yellow Perch	92	7.3		
13	1	Yellow Perch	136	24		
14	1	Yellow Perch	137	23		
15	1	Yellow Perch	111	13		
16	1	Yellow Perch	97	9.0		
17	1	Yellow Perch	105	9.6		
18	1	Yellow Perch	98	8.0		
19	1	Yellow Perch	155	32		
20	1	Yellow Perch	229	125		
21	1	Bluegill	94	13		
22	1	Bluegill	106	22		
23	1	Bluegill	106	20		
24	1	Bluegill	74	6.3		
25	1	Bluegill	99	15		
26	1	Bluegill	100	17		
27	1	Bluegill	90	11		
28	1	Bluegill	103	17		
29	1	Bluegill	115	26		
30	1	Bluegill	67	4.5		
31	1	Bluegill	71	5.6		
32	1	Pumpkinseed	104	22		
33	1	Pumpkinseed	70	5.5		
34	1	Pumpkinseed	86	9.6		
35	1	Pumpkinseed	65	3.5		
36	1	Smallmouth Bass	91	6.9		
37	1	Smallmouth Bass	80	5.0		
38	1	Smallmouth Bass	76	3.8		
39	1	Smallmouth Bass	74	3.7		
40	1	Rock Bass	62	44		
41	1	Rock Bass	57	3.7		
42	1	Rock Bass	65	4.4		
43	1	Rock Bass	62	4.5		
44	1	Rock Bass	63	4.8		
45	1	Rock Bass	54	3.0		
46	1	Rock Bass	51	2.0		
47	1	Rock Bass	50	2.0		
48	1	Rock Bass	50	1.9		
49	1	Rock Bass	50	1.7		
50	1	Brown Bullhead	170	67		
51	1	Brown Bullhead	100	10		
52	1	Brown Bullhead	102	12		
53	1	Brown Bullhead	109	13		
54	1	Brown Bullhead	105	129		
55	1	Brown Bullhead	107	13		
56	1	Brown Bullhead	123	19		
57	1	Brown Bullhead	111	16		
58	1	Brown Bullhead	110	14		

(CONTINUED)
END TIME: June 7, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7857

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
59	1	Brown Bullhead	105	13		
60	1	Brown Bullhead	120	19		
61	1	Brown Bullhead	130	22		
62	1	Brown Bullhead	110	14		
63	1	Brown Bullhead	85	6.3		
64	1	Brown Bullhead	65	2.3		
65	1	Brown Bullhead	66	2.5		
66	8	Brown Bullhead		99		
67	1	Brown Bullhead	78	2.0		
68	1	Spottail Shiner	75	2.5		
69	1	Spottail Shiner	76	3.1		
70	1	Spottail Shiner	61	1.5		
71	1	Spottail Shiner	67	2.2		
72	1	Spottail Shiner	77	3.0		
73	1	Spottail Shiner	72	2.3		
74	1	Spottail Shiner	75	2.9		
75	1	Spottail Shiner	68	1.7		
76	1	Spottail Shiner	50	0.4		
77	1	Brook Trout	240	133		
78	105	Lepomis spp.		275		

END TIME: June 7, 1984
LOCATION: Bellows Falls
METHOD : Trap net
SAMPLE : 7869

REMARKS : Sample collected for parasite study: Let overnight in service water forebay parasite study; location was on Vermont shore near NEPCO boat launch

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	200	88	4	
2	1	Yellow Perch	260	196	4	
3	1	Yellow Perch	241	153	4	
4	1	Yellow Perch	215	101		
5	1	Yellow Perch	300	346	6	

END TIME: June 7, 1984
LOCATION: Bellows Falls
METHOD : Trap net
SAMPLE : 7870

REMARKS : Fish collected for parasite study; location near NEPCO boat launch and Williams River

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	525	1640		
2	1	White Sucker	530	1720		
3	1	Yellow Perch	325	417	6	
4	1	White Sucker	450	1210		
5	1	White Sucker	480	1210		
6	1	White Sucker	473	509		

END TIME: June 12, 1984 10:30
LOCATION: 4.1-VT
METHOD : Trap net, 17.5 Hours
SAMPLE : 7882

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	270	272	4	
2	1	White Perch	258	242	3	
3	1	Yellow Perch	257	186	3	
4	1	Smallmouth Bass	202	99	2	4002
5	1	White Sucker	325	343		

END TIME: June 12, 1984 10:43
LOCATION: 4.2-VT
METHOD : Trap net, 17.5 Hours
SAMPLE : 7883

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	480	1010		
2	1	Smallmouth Bass	190	74	2	
3	1	Smallmouth Bass	192	85	1	
4	1	Smallmouth Bass	250	178	2	
5	1	Yellow Perch	175	54	2	
6	1	Yellow Perch	220	107	3	
7	1	Yellow Perch	225	115	3	
8	1	Yellow Perch	165	46	2	
9	1	Yellow Perch	195	76	3	
10	2	American Eel		1020		

END TIME: June 12, 1984 11:40
LOCATION: 4.6-NH
METHOD : Trap net, 18.0 Hours
SAMPLE : 7884

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	255	170	4	
2	1	Yellow Perch	245	154	4	
3	1	Yellow Perch	212	95	3	
4	1	Yellow Perch	165	41	1	
5	1	Yellow Perch	99	8.0	1	
6	1	Rock Bass	173	115		
7	1	Brown Bullhead	102	13		
8	1	White Sucker	460	925		
9	1	White Sucker	465	1060		
10	1	White Sucker	420	795		
11	1	White Sucker	500	1170		
12	1	White Sucker	300	278		

END TIME: June 12, 1984 11:08
LOCATION: 4.7-NH
METHOD : Trap net, 17.6 Hours
SAMPLE : 7885

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	275	255	5	
2	1	Yellow Perch	251	168	3	
3	1	Yellow Perch	163	41	2	
4	1	Yellow Perch	175	56	2	
5	1	Yellow Perch	164	45	2	
6	1	Yellow Perch	100	9.0	1	
7	1	Yellow Perch	98	10	1	
8	1	Pumpkinseed	78	8.0		
9	1	Pumpkinseed	130	41		
10	1	Pumpkinseed	112	27		
11	1	Pumpkinseed	88	11		
12	1	Spottail Shiner	112	10		
13	1	White Sucker	525	1390		
14	1	White Sucker	465	855		
15	1	White Sucker	425	685		

END TIME: June 12, 1984 12:05
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 18.3 Hours
SAMPLE : 7886

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	335	449	3	2758
2	1	Smallmouth Bass	260	205	2	2759
3	1	White Perch	211	121	2	
4	1	White Perch	271	260	5	
5	1	White Perch	289	316	4	
6	1	Yellow Perch	215	100	3	
7	1	Yellow Perch	204	96	3	
8	1	Yellow Perch	160	48	2	
9	1	Yellow Perch	160	39	2	
10	1	Pumpkinseed	69	6.0		
11	1	Bluegill	51	2.0		
12	1	Pumpkinseed	70	4.0		
13	1	Golden Shiner	222	134		
14	1	Golden Shiner	139	25		
15	1	Golden Shiner	225	120		
16	1	Golden Shiner	223	121		
17	1	Golden Shiner	122	25		
18	1	Golden Shiner	99	16		
19	1	Golden Shiner	114	20		
20	1	Golden Shiner	100	14		
21	1	Golden Shiner	92	13		
22	1	Golden Shiner	109	16		
23	1	Golden Shiner	100	14		
24	1	Golden Shiner	101	14		
25	1	Golden Shiner	127	19		
26	6	Golden Shiner		105		
27	1	Pumpkinseed	82	11		
28	1	Pumpkinseed	144	62		
29	1	Pumpkinseed	72	6.0		
30	1	Bluegill	164	97		
31	1	Bluegill	116	35		
32	1	Bluegill	72	13		
33	1	Bluegill	63	10		
34	1	White Sucker	425	710		
35	1	Carp	302	494		

END TIME: June 12, 1984 12:45
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 18.8 Hours
SAMPLE : 7887

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	310	325		
2	1	Smallmouth Bass	130	34	1	
3	1	Smallmouth Bass	270	312		
4	1	Rock Bass	218	242		
5	1	Yellow Perch	246	161	5	
6	1	Yellow Perch	175	63	2	
7	1	Yellow Perch	170	54	1	
8	1	Yellow Perch	195	80	2	
9	1	Yellow Perch	210	102	2	
10	1	Yellow Perch	152	42	2	
11	1	Yellow Perch	146	35	1	
12	1	Yellow Perch	166	50	3	
13	1	Yellow Perch	184	70	2	
14	1	Yellow Perch	161	49	1	
15	1	Yellow Perch	141	32	1	
16	1	Yellow Perch	183	65	2	
17	1	Yellow Perch	150	39	1	
18	2	American Eel		630		

END TIME: June 12, 1984 15:30
LOCATION: Station 5-Vermont
METHOD : Trap net, 21.3 Hours
SAMPLE : 7888

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	292	335	6	
2	1	White Perch	285	339	6	
3	1	White Perch	268	275	3	
4	1	White Perch	262	232	3	
5	1	White Perch	263	255	3	
6	1	White Perch	252	200	3	
7	1	White Perch	282	340	3	
8	1	White Perch	252	225	3	
9	1	White Perch	243	221	3	
10	1	White Perch	242	242	4	
11	1	White Perch	253	238	5	
12	1	Yellow Perch	254	155	4	
13	1	Yellow Perch	234	147	4	
14	1	Yellow Perch	230	141	4	
15	1	Yellow Perch	99	10	1	
16	1	Smallmouth Bass	241	181	2	4003
17	1	Smallmouth Bass	268	272	3	2752
18	1	Smallmouth Bass	257	204	2	2751
19	1	Smallmouth Bass	207	110	2	2750
20	1	Smallmouth Bass	185	80	2	
21	1	Rock Bass	176	115		
22	1	White Sucker	440	818		

END TIME: June 12, 1984 16:00
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 21.5 Hours
SAMPLE : 7889

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	280	293	3	
2	1	White Perch	248	201	2	
3	1	White Perch	280	301	4	
4	1	White Perch	249	186	3	
5	1	White Perch	210	121	1	
6	1	White Perch	238	188	3	
7	1	White Perch	266	233	2	
8	1	Yellow Perch	235	180		
9	1	Yellow Perch	224	113	4	
10	1	Yellow Perch	300	289	5	
11	1	Yellow Perch	246	201	3	
12	1	Yellow Perch	240	160	4	
13	1	Yellow Perch	250	175		
14	1	Yellow Perch	193	73	3	
15	1	Yellow Perch	223	113	3	
16	1	Yellow Perch	174	49	3	
17	1	Yellow Perch	205	81	3	
18	1	Yellow Perch	141	23	1	
19	1	Rock Bass	61	3.0		
20	1	Rock Bass	60	3.0		
21	1	Golden Shiner	132	16		
22	1	Golden Shiner	103	8.0		
23	1	Golden Shiner	135	17		
24	1	Smallmouth Bass	365	583		4017
25	1	Smallmouth Bass	335	492	4	300
26	1	Smallmouth Bass	308	342	5	2799

END TIME: June 12, 1984 14:30
LOCATION: Rum Point
METHOD : Trap net, 19.8 Hours
SAMPLE : 7890

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	270	305	6	
2	1	White Perch	256	230	4	
3	1	White Perch	230	168	3	
4	1	White Perch	242	215	5	
5	1	White Perch	247	200	2	
6	1	White Perch	230	175	2	
7	1	Smallmouth Bass	263	218	3	2755
8	1	Smallmouth Bass	268	237	3	2756
9	1	Smallmouth Bass	226	148	2	2754
20	1	Smallmouth Bass	202	102	2	2753
21	1	Smallmouth Bass	258	228	2	2757
22	1	Smallmouth Bass	190	90	2	
23	1	Rock Bass	208	170		
24	1	Rock Bass	198	170		
25	1	Rock Bass	206	187		
26	1	Rock Bass	182	105		
27	1	Rock Bass	193	149		
28	1	Rock Bass	170	100		
29	1	Rock Bass	192	140		
30	1	Rock Bass	175	107		
31	1	Rock Bass	166	85		
32	1	Rock Bass	148	66		
33	1	Rock Bass	190	147		
34	1	Rock Bass	160	80		
35	1	Rock Bass	183	140		
36	1	Rock Bass	156	77		
37	1	Rock Bass	117	38		
38	1	Rock Bass	133	43		
39	1	Rock Bass	197	160		
40	1	Rock Bass	200			
41	1	Rock Bass	202	162		
42	1	Rock Bass	210	200		
43	1	Pumpkinseed	170	108		
44	1	Yellow Perch	191	72	3	
45	1	Yellow Perch	215	106	2	
46	1	Yellow Perch	163	36	2	
47	1	Yellow Perch	175	51	2	
48	1	Yellow Perch	246	138	4	
49	1	Yellow Perch	266	200	6	
50	1	Yellow Perch	233	138	4	
51	1	Yellow Perch	238	126	3	
52	1	Yellow Perch	217	102		
53	1	Yellow Perch	217	100	4	
54	1	Yellow Perch	200	76	3	
55	1	Yellow Perch	162	32	2	
56	1	Yellow Perch	157	38	1	
57	1	Yellow Perch	212	92	3	
58	1	Yellow Perch	197	72	3	
59	1	Yellow Perch	250	187	4	
60	1	Yellow Perch	162	38	2	
61	1	Yellow Perch	147	27	2	
62	1	Yellow Perch	237	146	5	
63	1	Yellow Perch	243	150	4	
64	1	Yellow Perch	277	242	4	
65	1	Yellow Perch	237	155	4	
66	18	Yellow Perch		1870		
67	1	White Sucker	475	1160		

END TIME: June 12, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7902

REMARKS : CWTS/SWTS 24 hour sample; sample combined due to automatic backwash of screens by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	78	6.1		
2	1	Rock Bass	49	2.8		
3	1	Rock Bass	53	2.4		
4	9	Lepomis spp.		14		
5	1	Bluegill	52	2.3		
6	1	Bluegill	51	2.3		
7	1	Bluegill	54	2.9		
8	1	Bluegill	51	2.2		
9	1	Bluegill	57	3.2		
10	1	Bluegill	52	2.2		
11	1	Bluegill	57	3.2		
12	1	Bluegill	56	2.7		
13	1	Bluegill	52	2.5		
14	1	Bluegill	52	2.3		
15	1	Bluegill	52	2.4		
16	1	Bluegill	53	2.4		
17	1	Bluegill	55	2.8		
18	1	Bluegill	53	2.7		
19	1	Bluegill	49	2.1		
20	1	Bluegill	50	1.9		

END TIME: June 13, 1984 08:20
LOCATION: 4.2-VT
METHOD : Trap net, 21.6 Hours
SAMPLE : 7920

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	265	188	4	
2	1	Yellow Perch	208	100	2	
3	1	Smallmouth Bass	245	189	3	2796
4	1	Smallmouth Bass	190	71	2	

END TIME: June 13, 1984 08:40
LOCATION: 4.6-NH
METHOD : Trap net, 21.0 Hours
SAMPLE : 7921

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	273	273	5	
2	1	White Perch	263	239	3	
3	1	Yellow Perch	237	126	4	
4	1	Yellow Perch	195	76	2	
5	1	Yellow Perch	94	7.0	1	
6	1	Pumpkinseed	115	29		
7	1	Pumpkinseed	120	31		
8	1	Pumpkinseed	130	40		
9	1	Pumpkinseed	113	28		
10	1	Pumpkinseed	146	66		
11	1	Pumpkinseed	141	56		
12	1	Bluegill	92	11		
13	1	Bluegill	69	8.0		
14	1	Spottail Shiner	94	8.0		
15	1	Golden Shiner	230	144		
16	1	White Sucker	422	721		

END TIME: June 13, 1984 09:00
LOCATION: 4.7-NH
METHOD : Trap net, 21.9 Hours
SAMPLE : 7922

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	265	250	2	
2	1	White Perch	252	227	3	
3	1	White Perch	250	241	3	
4	1	Yellow Perch	202	86	2	
5	1	Yellow Perch	223	116	3	
6	1	Rock Bass	129	48		
7	1	Rock Bass	120	39		
8	1	Brown Bullhead	112	21		
9	1	White Sucker	285	237		

END TIME: June 13, 1984 09:25
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 21.3 Hours
SAMPLE : 7923

REMARKS : Sample #29 Snapping turtle wt:10210.0 g

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	277	280	3	
2	1	White Perch	270	265	3	
3	1	White Perch	262	250	3	
4	1	Yellow Perch	220	115	3	
5	1	Yellow Perch	268	240	4	
6	1	Yellow Perch	234	142	3	
7	1	Bluegill	216	235		
8	1	Pumpkinseed	192	150		
9	1	Pumpkinseed	136	52		
10	1	Pumpkinseed	89	9.0		
11	1	Pumpkinseed	128	40		
12	1	Golden Shiner	97	11		
13	1	Bluegill	81	10		
14	1	Pumpkinseed	91	14		
15	1	Pumpkinseed	85	11		
16	1	Golden Shiner	155	38		
17	1	Golden Shiner	214	116		
18	1	Golden Shiner	250	184		
19	1	Golden Shiner	132	21		
20	1	Golden Shiner	102	8.0		
21	1	Golden Shiner	100	8.0		
22	1	Golden Shiner	142	27		
23	1	Golden Shiner	91	7.0		
24	1	Golden Shiner	99	7.0		
25	1	Golden Shiner	103	10		
26	1	Golden Shiner	108	12		
27	1	Golden Shiner	100	7.0		
28	1	White Sucker	511	1140		

END TIME: June 13, 1984 10:15
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 21.5 Hours
SAMPLE : 7924

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	205	84	2	
2	1	Yellow Perch	192	74	2	
3	1	Yellow Perch	184	58	2	
4	1	Yellow Perch	190	84	3	
5	1	Yellow Perch	232	131	3	
6	1	Yellow Perch	192	77	2	
7	1	Yellow Perch	222	123	3	
8	1	Yellow Perch	160	46	2	
9	1	Yellow Perch	175	53	2	
10	1	Yellow Perch	154	40	1	
11	1	Yellow Perch	159	40	2	
12	1	Yellow Perch	180	57	2	
13	1	Pumpkinseed	162	86		
14	1	Smallmouth Bass	122	21	1	
15	1	Smallmouth Bass	117	19	1	
16	1	Smallmouth Bass	129	28	1	
17	1	Smallmouth Bass	130	29	1	
18	1	Smallmouth Bass	135	32	1	
19	1	Rock Bass	195	158		
20	1	Rock Bass	142	57		
21	1	Rock Bass	126	42		
22	1	White Perch	275	287	5	
23	1	White Sucker	490	1240		
24	1	American Eel				

END TIME: June 13, 1984 12:20
LOCATION: Rum Point
METHOD : Trap net, 21.8 Hours
SAMPLE : 7925

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	244	157	4	
2	1	Yellow Perch	225	107	3	
3	1	Yellow Perch	160	43	2	
4	1	White Perch	295	404	5	
5	1	Rock Bass	200	160		
6	1	Rock Bass	176	122		
7	1	Rock Bass	160	89		
8	1	Rock Bass	173	105		
9	1	Rock Bass	165	90		
10	1	Rock Bass	173	100		
11	1	Rock Bass	120	35		
12	1	Rock Bass	132	38		
13	1	Rock Bass	121	32		
14	1	Rock Bass	117	28		
15	1	Rock Bass	88	12		
16	1	Rock Bass	90	16		
17	1	White Sucker	480	884		
18	1	White Sucker	492	1190		
19	1	White Sucker	435	845		

END TIME: June 13, 1984 11:15
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 19.3 Hours
SAMPLE : 7926

REMARKS : Sample #29 Snapping turtle wt:7469.4 g

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	265	233	4	
2	1	White Perch	280	294	4	
3	1	White Perch	280	272	4	
4	1	White Perch	212	112	2	
5	1	Yellow Perch	200	84	2	
6	1	Yellow Perch	261	188	4	
7	1	Yellow Perch	225	107	3	
8	1	Yellow Perch	114	9.0	1	
9	1	Spottail Shiner	112	13		
10	1	Rock Bass	204	182		
11	1	Rock Bass	238	268		
12	1	Rock Bass	195	153		
13	1	Golden Shiner	144	38		
14	1	Golden Shiner	157	40		
15	1	Spottail Shiner	118	14		
16	1	Bluegill	119	25		
17	1	Bluegill	128	23		
18	1	Bluegill	129	42		

END TIME: June 13, 1984 08:00
LOCATION: 4.1-VT
METHOD : Trap net, 21.5 Hours
SAMPLE : 7927

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	265	257	4	
2	1	White Perch	240	186	3	
3	1	White Perch	259	252	3	
4	1	White Perch	222	144	2	
5	1	White Perch	245	186	3	
6	1	White Perch	215	126	2	
7	1	White Perch	207	130	2	
8	1	White Perch	215	135	2	
9	1	White Perch	208	119	2	
10	1	Smallmouth Bass	270	215	3	2798
11	1	Smallmouth Bass	195	86	2	2797
12	1	Rock Bass	174	110		
13	1	Rock Bass	140	52		

END TIME: June 13, 1984 11:50
LOCATION: Station 5-Vermont
METHOD : Trap net, 20.3 Hours
SAMPLE : 7928

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	237	162	3	2597
2	1	Smallmouth Bass	260	237	4	2795
3	1	Smallmouth Bass	242	175	3	2794
4	1	Yellow Perch	212	115	4	
5	1	Yellow Perch	253	164	3	
6	1	Yellow Perch	235	154	5	
7	1	Pumpkinseed	171	110		
8	1	Rock Bass	182	137		
9	1	Rock Bass	227	235		
10	1	Rock Bass	197	165		
11	1	Rock Bass	205	175		
12	1	Rock Bass	167	103		
13	1	Pumpkinseed	183	144		
14	1	Pumpkinseed	147	66		
15	1	Pumpkinseed	183	145		
16	1	White Perch	253	229	3	

END TIME: June 13, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7929

REMARKS : CWTS/SWTS combined due to overnight backwashing of screens automatically by plant.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	150	40		
2	1	Brown Bullhead	117	15		
3	1	Brown Bullhead	48	1.5		
4	5	Lepomis spp.		12		

END TIME: June 14, 1984 09:50
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 17.3 Hours
SAMPLE : 7930

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	298	429	4	
2	1	White Perch	282	392	5	
3	1	White Perch	273	321	3	
4	1	White Perch	270	287	3	
5	1	White Perch	217	148	3	
6	1	Bluegill	202	160		
7	1	Rock Bass	236	271		
8	1	Rock Bass	201	184		
9	1	Rock Bass	203	167		
10	1	Rock Bass	198	160		
11	1	Rock Bass	221	238		
12	1	Rock Bass	234	265		
13	1	Rock Bass	213	205		
14	1	Rock Bass	205	187		
15	1	Rock Bass	193	153		
16	1	Rock Bass	210	182		
17	1	Rock Bass	190	135		
18	1	Rock Bass	206	185		
19	1	Rock Bass	196	166		
20	1	Rock Bass	190	138		
21	1	Rock Bass	187	131		
22	1	White Sucker	388	607		
23	1	White Sucker	415	862		
24	1	Brown Bullhead	330	546		

END TIME: June 14, 1984 10:15
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 17.6 Hours
SAMPLE : 7931

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	264	234	4	
2	1	Smallmouth Bass	202	92	2	
3	1	Smallmouth Bass	206	110	3	

END TIME: June 14, 1984 09:15
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 16.4 Hours
SAMPLE : 7932

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	277	320	4	
2	1	White Perch	299	416	4	
4	2	American Eel		910		
5	1	Bluegill	225	262		
6	1	Pumpkinseed	201	200		
7	1	Smallmouth Bass	260	220	3	
8	1	Smallmouth Bass	190	85	2	
9	1	Yellow Perch	164	45	2	
10	1	Yellow Perch	205	95	3	
11	1	Yellow Perch	216	101	3	
12	1	Yellow Perch	183	63	3	
13	1	Yellow Perch	163	39	2	
14	1	Yellow Perch	149	34	2	
15	1	Rock Bass	216	213		
16	1	Rock Bass	195	153		
17	1	Rock Bass	216	200		
18	1	Rock Bass	204	180		
19	1	Rock Bass	200	179		
20	1	Rock Bass	200	169		
21	1	Rock Bass	193	141		
22	1	Rock Bass	130	45		
23	1	Fallfish	265	177		
24	1	White Sucker	475	1000		

END TIME: June 14, 1984 08:40
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 15.6 Hours
SAMPLE : 7933

REMARKS : No catch

END TIME: June 14, 1984 08:50
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 15.6 Hours
SAMPLE : 7934

REMARKS : Station 2-VT off island; no catch

END TIME: June 14, 1984 10:30
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 17.9 Hours
SAMPLE : 7935

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	266	247	3	
2	1	Pumpkinseed	175	117		
3	1	Rock Bass	190	150		
4	1	Pumpkinseed	178	128		
5	1	Bluegill	214	175		
6	1	Rock Bass	215	212		
7	1	Rock Bass	225	236		
8	1	Rock Bass	240	280		
9	1	Rock Bass	221	220		
10	1	Rock Bass	204	165		
11	1	Rock Bass	207	198		
12	1	Rock Bass	217	203		
13	1	Rock Bass	216	213		
14	1	Rock Bass	185	111		

END TIME: June 14, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating and Service water screens, 24.0 Hours
SAMPLE : 7936

REMARKS : CWTS/SWTS combined due to automatic backwashing of screens by plant

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	86	4.9		
2	1	Yellow Perch	82	5.4		
3	1	Yellow Perch	91	7.2		
4	1	Yellow Perch	85	6.3		
5	1	Yellow Perch	90	8.0		
6	1	Yellow Perch	92	7.7		
7	1	Yellow Perch	75	4.7		
8	1	Yellow Perch	90	7.5		
9	1	Yellow Perch	230	159		
10	1	Yellow Perch	267	243		
11	1	Yellow Perch	225	138		
12	1	Yellow Perch	212	103		
13	1	Yellow Perch	95	95		
14	1	Golden Shiner	150	37		
15	1	Golden Shiner	105	9.2		
16	1	Spottail Shiner	110	8.5		
17	1	Brown Bullhead	195	70		
18	1	Brown Bullhead	190	88		
19	1	Brown Bullhead	80	6.5		
20	1	Brown Bullhead	148	48		
21	1	Bluegill	62	4.1		
22	1	Bluegill	60	3.8		
23	1	Bluegill	70	6.0		
24	1	Bluegill	60	3.7		
25	1	Bluegill	58	3.3		
26	1	Bluegill	58	3.2		
27	1	Bluegill	65	4.7		
28	1	Bluegill	63	4.0		
29	1	Rock Bass	48	2.5		
30	1	Rock Bass	56	3.5		
31	1	Rock Bass	56	3.0		
32	1	Rock Bass	52	2.8		
33	1	Rock Bass	54	3.0		
34	1	Rock Bass	56	3.2		
35	1	Rock Bass	45	2.3		
36	1	Rock Bass	45	2.2		
37	1	Rock Bass	50	2.7		
38	1	Rock Bass	50	2.4		
39	1	Rock Bass	50	2.6		
40	1	Rock Bass	48	2.4		
41	1	Rock Bass	46	2.2		
42	1	Rock Bass	49	2.1		
43	1	Rock Bass	48	2.0		
44	1	Rock Bass	48	2.2		
45	1	Rock Bass	46	2.3		
46	102	Lepomis spp.		270		

END TIME: June 15, 1984 11:30
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 26.3 Hours
SAMPLE : 7937

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	307	364	5	3636
2	1	Smallmouth Bass	385	725	6	3637
3	1	Smallmouth Bass	318	359	5	3638
4	1	Smallmouth Bass	325	409	4	3639
5	1	Smallmouth Bass	330	423	4	3640
6	1	Smallmouth Bass	242	186	3	3641
7	1	Yellow Perch	216	127		3642
8	1	Yellow Perch	216	103	4	3643
9	1	Yellow Perch	200	88	2	3644
10	1	Rock Bass	235	272		
11	1	Rock Bass	210	195		
12	1	Rock Bass	200	159		
13	1	Pumpkinseed	230	197		
14	1	White Sucker	493	1140		3645

END TIME: June 15, 1984 12:00
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 26.2 Hours
SAMPLE : 7938

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	233	144	3	
2	1	Smallmouth Bass	195	95	2	
3	1	White Perch	258	292	3	
4	1	White Perch	293	326	3	
5	1	White Perch	267	323	3	
6	1	Yellow Perch	172	60	2	
7	1	Rock Bass	190	146		
8	1	Rock Bass	180	114		
9	1	Rock Bass	177	121		
10	1	Rock Bass	232	253		
11	1	Rock Bass	204	161		
12	1	Rock Bass	196	167		
13	1	Rock Bass	233	294		
14	1	Rock Bass	227	259		
15	1	Rock Bass	205	175		
16	1	Rock Bass	194	150		
17	1	Rock Bass	194	141		
18	1	Bluegill	199	160		
19	1	Bluegill	191	147		
20	1	Bluegill	191	149		

END TIME: June 15, 1984 09:40
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 25.0 Hours
SAMPLE : 7939

REMARKS : Station 2 VT

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	220	250		

END TIME: June 15, 1984 09:00
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 24.2 Hours
SAMPLE : 7940

REMARKS : Station 2-VT off island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number).	Tag Number
1	1	Smallmouth Bass	255	200	3	3626
2	1	Smallmouth Bass	267	245	3	3625
3	1	Smallmouth Bass	228	135	2	852
4	1	Smallmouth Bass	300	337	4	3627
5	1	Rock Bass	192	153		
6	1	Rock Bass	218	229		
7	1	Rock Bass	230	244		
8	1	Rock Bass	195	148		
9	1	Rock Bass	207	200		
10	1	Rock Bass	216	213		
11	1	Rock Bass	230	255		
12	1	Rock Bass	193	140		
13	1	Rock Bass	214	204		
14	1	Rock Bass	213	207		
15	1	Rock Bass	177	122		

END TIME: June 15, 1984 10:30
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 24.3 Hours
SAMPLE : 7941

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	207	176		
2	1	Rock Bass	238	265		
3	1	Rock Bass	198	157		
4	1	Rock Bass	198	259		
5	1	Rock Bass	187	124		
6	1	Rock Bass	219	180		
7	1	Rock Bass	220	220		
8	1	Rock Bass	176	98		
9	1	Rock Bass	150	55		
10	1	Rock Bass	180	111		
11	1	Rock Bass	182	104		
12	1	Yellow Perch	176	52	2	
13	1	Smallmouth Bass	235	157	3	3628
14	1	Smallmouth Bass	320	417	4	3630
15	1	Smallmouth Bass	303	308	4	790
16	1	Smallmouth Bass	265	226	4	3631
17	1	Smallmouth Bass	251	185	2	3632
18	1	Largemouth Bass	350	555	5	

END TIME: June 15, 1984 11:00
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 24.5 Hours
SAMPLE : 7942

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	324	450	5	3633
2	1	White Sucker	413	798		3634
3	1	White Sucker	405	803		3635
4	1	Yellow Perch	180	68	2	
5	1	Yellow Perch	150	32	2	
6	1	Largemouth Bass	347	603	4	
7	1	Rock Bass	240	250		
8	1	Rock Bass	190	150		
9	1	Rock Bass	177	100		
10	1	Rock Bass	192	157		
12	1	Pumpkinseed	152	67		
13	1	Pumpkinseed	195	147		

END TIME: June 19, 1984 22:45
LOCATION: Bellows Falls
METHOD : Electrofishing, 4.3 Hours
SAMPLE : 7983

REMARKS : Fish collected for parasite study; collected in pool near NEPCO boat launch

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	326	427	3	
2	1	Smallmouth Bass	254	206	3	
3	1	Smallmouth Bass	230	142	2	

END TIME: June 20, 1984 09:00
LOCATION: Station 8
METHOD : Trap net, 23.0 Hours
SAMPLE : 7984

REMARKS : Fish sampling for station 8 radiation test fish

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	265	246	4	
2	1	White Perch	290	320	4	
3	1	White Perch	281	268	4	
4	1	White Perch	278	287	5	
5	1	White Perch	285	335	5	
6	1	White Perch	250	222	5	
7	1	White Perch	262	262	5	
8	1	White Perch	250	245	5	
9	1	White Perch	260	238	4	
10	1	Yellow Perch	154	45	2	
11	1	Smallmouth Bass	95	19	1	

END TIME: June 20, 1984 09:10
LOCATION: Station 8
METHOD : Trap net, 22.9 Hours
SAMPLE : 7985

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	270	233	4	
2	1	White Perch	264	298	4	
3	1	White Perch	280	307	4	
4	1	White Perch	254	234	5	
5	1	White Perch	274	323	4	
6	1	White Perch	262	232	5	
7	1	White Perch	278	281	4	
8	1	White Perch	257	228	6	
9	1	White Perch	268	243	3	
10	1	White Perch	264	260	4	
11	1	White Perch	225	163	3	
12	1	Yellow Perch	170	59	3	
13	1	Yellow Perch	148	38	2	
14	1	Smallmouth Bass	305	330	4	
15	1	Rock Bass	145	63		
16	1	White Sucker	373	563	-	

END TIME: June 20, 1984 19:35
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 7986

REMARKS : Vernon dam to VY intake; no catch

END TIME: June 20, 1984 19:55
LOCATION: Vermont Yankee Intake Structure to VY Stack-VT Shore
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 7987

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	125	21	1	
2	1	Smallmouth Bass	440	1060	5	2793

END TIME: June 20, 1984 20:20
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 7988

REMARKS : Opposite VY stack to setback on NH side

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	158	43	2	
2	1	Yellow Perch	206	91	3	

END TIME: June 20, 1984 20:45
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 7989

REMARKS : Ichthyoplankton buoy to stack on NH shore

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	202	90	2	

END TIME: June 20, 1984 21:20
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 7990

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	383	690	6	
2	1	Largemouth Bass	150	49	2	
3	1	White Perch	270	261		
4	1	White Perch	245	195	3	
5	1	White Perch	266	267	4	
6	1	White Perch	260	229	3	
7	1	White Perch	125	49	1	
8	1	White Perch	204	115	2	
9	1	Yellow Perch	173	60	2	
10	1	Yellow Perch	222	140	4	
11	1	Yellow Perch	222	110	3	
12	1	Yellow Perch	224	124	3	
13	1	Yellow Perch	145	30	1	
14	1	Yellow Perch	150	38	2	
15	1	Yellow Perch	130	24	1	
16	1	White Perch	115	23	1	
17	1	Yellow Perch	100	13	1	
18	1	Yellow Perch	105	15	1	
19	1	Smallmouth Bass	223	137	2	2792
20	1	Yellow Perch	102	13	1	
21	1	Yellow Perch	95	10	1	
22	1	Walleye	475	905	5	
23	1	White Sucker	166	56		
24	1	White Sucker	135	30		
25	1	Bluegill	123	40		
26	1	Bluegill	70	8.0		
27	1	Bluegill	82	13		
28	1	Bluegill	66	7.0		
29	1	Bluegill	80	12		
30	1	Bluegill	78	10		
31	1	Bluegill	85	12		
32	1	Pumpkinseed	80	10		
33	1	White Sucker	120	20		
34	1	White Sucker	139	30		
35	9	Spottail Shiner		42		
36	1	Bluegill	58	10		
37	1	Golden Shiner	142	32		
38	1	Golden Shiner	137	31		
39	1	Golden Shiner	113	18		
40	1	Golden Shiner	105	15		
41	1	Golden Shiner	104	13		
42	1	Golden Shiner	69	7.0		
43	1	Spottail Shiner	76	10		
44	1	Bluegill	59	9.0		
45	1	Bluegill	71	11		
46	1	Bluegill	76	13		

END TIME: June 21, 1984 19:45
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.4 Hours
SAMPLE : 8001

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	149	29	2	
2	1	Yellow Perch	113	13	1	

END TIME: June 21, 1984 20:35
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8002

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American shad	440	215		
2	1	American shad	573	1460		
3	1	Smallmouth Bass	182	185	2	
4	1	Smallmouth Bass	198	103	2	
5	1	White Sucker	485	1120		
6	1	White Sucker	499	1270		
7	1	White Sucker	427	765		
8	1	White Sucker	413	762		

END TIME: June 21, 1984 21:05
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8003

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Carp	850	7710		
2	1	White Sucker	474	1090		

END TIME: June 21, 1984 21:45
LOCATION: Station 3 to Vernon Dam-Along NH Shore
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 8004

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	342	510	4	3699
2	1	Smallmouth Bass	238	184	3	3698
3	1	Smallmouth Bass	279	288	5	3697
4	1	Bluegill	183	124		
5	1	Bluegill	226	216		
6	1	Bluegill	170	116		
7	1	Bluegill	205	173		
8	1	Pumpkinseed	151	98		
9	1	Rock Bass	207	189		
10	1	Rock Bass	247	295		
11	1	Yellow Perch	165	54		
12	1	Yellow Perch	146	33	1	
13	7	Spottail Shiner		37		
14	1	White Sucker	412	820		
15	1	White Sucker	441	904		
16	1	White Sucker	455	1180		
17	1	White Sucker	432	781		
18	1	White Sucker	399	767		
19	1	American Eel	355			

END TIME: June 26, 1984
LOCATION: Station 5-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8021

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	157	29	2	
2	1	Pumpkinseed	85	11		

END TIME: June 26, 1984
LOCATION: Station 5-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8022

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	96	16		
2	1	Pumpkinseed	90	11		
3	1	Pumpkinseed	90	14		
4	1	Pumpkinseed	130	42		
5	1	Pumpkinseed	72	6.3		
6	1	Smallmouth Bass	86	7.3	1	
7	1	Yellow Perch	100	9.3	1	
8	1	Yellow Perch	92	6.7	1	
9	1	Yellow Perch	96	8.5	1	
10	1	Yellow Perch	139	24	2	
11	1	Golden Shiner	91	7.0		
12	1	Tessellated Darter	60	1.7		
13	1	Banded Killifish	79	5.0		
14	1	Banded Killifish	70	4.0		

END TIME: June 26, 1984
LOCATION: Station 4-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8023

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	111	15	1	
2	1	Smallmouth Bass	87	8.5	1	
3	1	Smallmouth Bass	90	8.9	1	
4	1	Smallmouth Bass	81	6.5	1	
5	1	Smallmouth Bass	86	8.0	1	
6	1	Smallmouth Bass	80	6.5	1	
7	1	Spottail Shiner	78	4.0		
8	1	Banded Killifish	62	2.3		
9	1	Banded Killifish	58	2.3		

END TIME: June 26, 1984
LOCATION: Station 4-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8024

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	68	5.5		
2	1	Pumpkinseed	75	6.6		
3	1	Pumpkinseed	70	5.5		
4	1	Pumpkinseed	80	9.8		
5	1	Pumpkinseed	68	5.4		
6	1	Pumpkinseed	79	9.5		
7	1	Pumpkinseed	78	8.6		
8	1	Pumpkinseed	80	9.2		
9	1	Pumpkinseed	86	11		
10	1	Pumpkinseed	77	7.9		
11	1	Pumpkinseed	71	5.6		
12	1	Pumpkinseed	75	7.2		
13	1	Pumpkinseed	91	13		
14	1	Pumpkinseed	93	15		
15	1	Pumpkinseed	100	20		
16	1	Pumpkinseed	87	11		
17	1	Pumpkinseed	88	12		
18	1	Pumpkinseed	88	12		
19	1	Pumpkinseed	79	9.8		
20	1	Pumpkinseed	86	11		
21	1	Pumpkinseed	80	7.8		
22	1	Pumpkinseed	132	45		
23	1	Pumpkinseed	130	23		
24	1	Pumpkinseed	123	37		
25	1	Pumpkinseed	78	9.0		
26	1	Pumpkinseed	93	14		
27	1	Pumpkinseed	91	15		
28	1	Smallmouth Bass	188	70	2	
29	1	Smallmouth Bass	105	15	1	
30	1	Smallmouth Bass	98	10	1	
31	1	Smallmouth Bass	92	9.9	1	
32	1	Smallmouth Bass	167	51	2	
33	1	Yellow Perch	108	14	1	
34	1	Yellow Perch	108	13	1	
35	1	Yellow Perch	102	10	1	
36	1	Yellow Perch	102	11	1	
37	1	Yellow Perch	108	12	1	
38	1	Yellow Perch	98	10	1	
39	1	Yellow Perch	100	10	1	
40	1	Yellow Perch	86	7.0	1	
41	1	Yellow Perch	101	11		
42	1	Yellow Perch	108	12	1	
43	1	Yellow Perch	100	10		
44	1	Yellow Perch	25	0.1		
45	1	Yellow Perch	29	0.3		
46	1	White Sucker	25	0.1		
47	1	White Sucker	22	0.1		
48	1	White Sucker	23	0.1		
49	1	White Sucker	27	0.1		

END TIME: June 27, 1984
LOCATION: Stebbin Island-New Hampshire Side
METHOD : 50' seine (1/4"bar)
SAMPLE : 8039

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	88	12		
2	1	Pumpkinseed	92	14		
3	1	Pumpkinseed	112	26		
4	1	Pumpkinseed	152	81		
5	1	Pumpkinseed	149	79		
6	1	Pumpkinseed	126	44		
7	1	Pumpkinseed	149	70		
8	1	Bluegill	143	59		
9	1	Bluegill	148	70		
10	1	Pumpkinseed	165	98		
11	1	Golden Shiner	93	6.7		

END TIME: July 8, 1984 08:35
LOCATION: 4.1-VT
METHOD : Trap net, 17.3 Hours
SAMPLE : 8070

REMARKS : Station 4-VT VY discharge

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	383	392	3	
2	1	Yellow Perch	241	153	4	
3	1	Yellow Perch	249	174	5	
4	1	Yellow Perch	249	151	4	
5	1	Yellow Perch	195	80	3	
6	1	Yellow Perch	241	142	3	
7	1	Yellow Perch	114	113		
8	1	Yellow Perch	257	169	3	
9	1	Yellow Perch	235	142	3	
10	1	Smallmouth Bass	276	245	3	2951
11	1	Smallmouth Bass	309	328		1416
12	1	Smallmouth Bass	205	112	2	2952
13	1	Smallmouth Bass	195	98	2	
14	1	Smallmouth Bass	176	67	2	
15	1	Rock Bass	130	41		
16	1	White Perch	285	295	4	
17	1	Rock Bass	220	208		
18	1	White Perch	297	317	4	
19	1	White Perch	251	208	3	
20	1	White Perch	272	282	4	
21	1	White Perch	261	243	4	
22	18	White Perch		3860		
23	1	White Perch	278	289	4	
24	1	White Perch	264	272	5	
25	1	White Perch	214	137	2	
26	1	White Perch	210	124	3	
27	1	White Perch	269	251	3	
28	1	White Perch	239	184	2	
29	1	White Perch	272	284	3	
30	1	White Perch	240	178	2	
31	1	White Perch	252	226	4	
32	1	White Perch	248	198		
33	1	White Perch	246	229	4	
34	1	White Perch	260	252	3	
35	1	White Perch	205	133	2	
36	1	White Perch	236	192	3	
37	1	White Perch	240	193	2	
38	1	White Sucker	490	1030		

END TIME: July 8, 1984 09:35
LOCATION: 4.2-VT
METHOD : Trap net, 18.1 Hours
SAMPLE : 8071

REMARKS : Station 4-VT; no catch, reset at 0955

END TIME: July 8, 1984 10:05
LOCATION: 4.7-NH
METHOD : Trap net, 18.3 Hours
SAMPLE : 8072

REMARKS : Station 4-NH south

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	256	238	3	
2	1	White Perch	256	257	5	
3	1	White Perch	250	245	4	
4	1	White Perch	264	255	3	
5	1	White Perch	242	190	3	
6	1	White Perch	292	328	6	
7	1	White Perch	276	312	5	
8	1	White Perch	256	245	3	
9	1	White Perch	195	102	2	
10	1	Yellow Perch	120	21	1	
11	1	Yellow Perch	198	86	3	
12	1	Bluegill	140	57		

END TIME: July 8, 1984 10:40
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 18.5 Hours
SAMPLE : 8073

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	224	148	3	
2	1	Yellow Perch	154	45	2	
3	1	Yellow Perch	304	274	6	
4	1	American Eel		1590		
5	1	American Eel		570		

END TIME: July 8, 1984 11:10
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 18.8 Hours
SAMPLE : 8074

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	415	585	3	
2	1	White Perch	238	181	2	
3	1	White Perch	296	365	5	
4	1	White Perch	260	251	5	
5	1	White Perch	255	234	4	
6	1	White Perch	243	238	4	
7	1	White Perch	292	323	4	
8	1	White Perch	250	254	3	
9	1	Rock Bass	220	220		
10	1	White Sucker	320	319		

END TIME: July 8, 1984 11:50
LOCATION: Station 5-Vermont
METHOD : Trap net, 19.3 Hours
SAMPLE : 8075

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	347	510	5	2953
2	1	White Perch	255	247	6	
3	1	White Perch	249	203	4	
4	1	Rock Bass	190	135		
5	1	Rock Bass	168	62		
6	1	Rock Bass	178	115		
7	1	White Sucker	478	1130		
8	1	Pumpkinseed	151	77		
9	1	White Sucker	190	66		
10	1	American Eel		203		

END TIME: July 8, 1984 13:10
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 20.4 Hours
SAMPLE : 8076

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	255	249		
2	1	White Perch	252	237		
3	1	White Perch	260	209		
4	1	White Perch	262	260		
5	1	White Perch	250	237		
6	1	White Perch	266	284		
7	1	White Perch	214	130		
8	1	White Perch	253	252		
9	1	White Perch	280	306	5	
10	1	White Perch	257	266	5	
11	1	White Perch	220	155	2	
12	1	White Perch	249	222	3	
13	1	White Perch	259	268	4	
14	1	White Perch	227	156	2	
15	1	White Perch	280	288	4	
16	1	White Perch	215	137	2	
17	1	Yellow Perch	221	103	4	
18	1	Yellow Perch	196	89	3	
19	1	Yellow Perch	251	174	4	
20	1	Yellow Perch	220	112	4	

END TIME: July 8, 1984 13:35
LOCATION: Rum Point
METHOD : Trap net, 20.6 Hours
SAMPLE : 8077

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	85	11		
2	1	Yellow Perch	235	134	4	

END TIME: July 8, 1984 10:25
LOCATION: 4.6-NH
METHOD : Trap net, 18.5 Hours
SAMPLE : 8078

REMARKS : Station 4-NH north

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	242	141	4	
2	1	Yellow Perch	112	22	1	

END TIME: July 10, 1984 08:10
LOCATION: 4.1-VT
METHOD : Trap net, 23.6 Hours
SAMPLE : 8093

REMARKS : Station 4-VT VY discharge

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	195	110	2	
2	1	White Perch	266	276	4	
3	1	White Perch	278	305	6	
4	1	White Perch	285	322	5	
5	1	White Perch	262	254	4	
6	1	White Perch	268	261	3	
7	1	White Perch	285	346	5	
8	1	White Perch	258	226	3	
9	1	White Perch	243	195	3	
10	1	White Perch	244	195	3	
11	1	Smallmouth Bass	189	77	2	
12	1	Yellow Perch	265	177	4	

END TIME: July 10, 1984 09:00
LOCATION: 4.2-VT
METHOD : Trap net, 23.4 Hours
SAMPLE : 8094

REMARKS : Station 4-VT

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	190	88	3	
2	1	White Sucker	465	1040		

END TIME: July 10, 1984 09:20
LOCATION: 4.7-NH
METHOD : Trap net, 23.3 Hours
SAMPLE : 8095

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	271	300	4	
2	1	Yellow Perch	207	95	3	

END TIME: July 10, 1984 09:30
LOCATION: 4.6-NH
METHOD : Trap net, 23.1 Hours
SAMPLE : 8096

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	255	272	4	
2	1	Rock Bass	166	86		

END TIME: July 10, 1984 10:00
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 23.3 Hours
SAMPLE : 8097

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	254	236	3	
2	1	White Perch	273	259	4	
3	1	White Perch	251	223	4	
4	1	White Perch	238	200	3	
5	1	White Perch	265	217	3	
6	1	White Perch	270	269	5	
7	1	White Perch	244	193	3	
8	1	White Perch	249	217	4	
9	1	White Perch	216	138	2	
10	1	White Perch	159	50	2	
11	1	White Perch	274	268	5	
12	1	White Perch	251	225	4	
13	1	Yellow Perch	242	176	3	
14	1	Yellow Perch	203	110	3	
15	1	Yellow Perch	150	41	2	
16	1	Yellow Perch	164	48	2	

END TIME: July 10, 1984 10:35
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 23.4 Hours
SAMPLE : 8098

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	283	323	6	
2	1	White Perch	260	229	3	
3	1	White Perch	265	298	4	
4	1	Yellow Perch	203	102	3	

END TIME: July 10, 1984 11:00
LOCATION: Station 5-Vermont
METHOD : Trap net, 23.2 Hours
SAMPLE : 8099

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Micropterus sp.	98	11		

END TIME: July 10, 1984 11:20
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 22.2 Hours
SAMPLE : 8100

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	360	603	5	4017
2	1	White Perch	250	237	5	
3	1	White Perch	247	226	4	
4	1	Yellow Perch	260	191	5	
5	1	Yellow Perch	203	84	2	

END TIME: July 10, 1984 15:55
LOCATION: Rum Point
METHOD : Trap net, 26.3 Hours
SAMPLE : 8101

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	273	219	4	2954
2	1	Smallmouth Bass	261	210	2	2955
3	1	Smallmouth Bass	264	210	3	2617
4	1	Smallmouth Bass	238	158	2	2956
5	1	Smallmouth Bass	272	221	3	2957
6	1	Smallmouth Bass	299	307	4	2958
7	1	Yellow Perch	244	158	3	
8	1	Yellow Perch	217	103	3	
9	1	Yellow Perch	234	145	3	
10	1	Yellow Perch	182	66	2	
11	1	Yellow Perch	199	86	2	
12	1	Yellow Perch	206	94	2	
13	1	Yellow Perch	260	186	4	
14	1	Rock Bass	220	201		
15	1	Pumpkinseed	191	139		
16	1	White Sucker	245	920		
17	1	White Sucker	510	1300		

END TIME: July 11, 1984 08:00
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 17.3 Hours
SAMPLE : 8102

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	252	242	4	
2	1	White Perch	246	235	3	

END TIME: July 11, 1984 08:15
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 17.3 Hours
SAMPLE : 8103

REMARKS : Station 3; flood gates open

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	466	1270	5	3508
2	1	Smallmouth Bass	313	403	4	3507
3	1	Smallmouth Bass	276	247	4	3506
4	1	Smallmouth Bass	313	417	4	3505
5	1	Bluegill	197	134		
6	1	Bluegill	188	138		
7	1	Yellow Perch	96	11	1	
8	1	Pumpkinseed	116	37		

END TIME: July 11, 1984 08:50
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 17.7 Hours
SAMPLE : 8104

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	206	105	2	
2	1	Smallmouth Bass	342	536	5	3504
3	1	Smallmouth Bass	306	318	4	3503
4	1	Smallmouth Bass	286	283	4	3502
5	1	Rock Bass	176	113		
6	1	Rock Bass	203	148		
7	1	Bluegill	194	138		
8	1	Bluegill	175	126		
9	1	White Sucker	440	839		

END TIME: July 11, 1984 09:10
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 17.8 Hours
SAMPLE : 8105

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	262	222	3	3501
2	1	Smallmouth Bass	330	441	5	3500
3	1	Rock Bass	214	179		
4	1	Rock Bass	220	214		
5	1	Rock Bass	181	111		

END TIME: July 11, 1984 09:30
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 17.9 Hours
SAMPLE : 8106

REMARKS : Station 2 north of island; no catch

END TIME: July 11, 1984 09:50
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 18.0 Hours
SAMPLE : 8107

REMARKS : Station 2 south of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	450	721	4	
2	1	Smallmouth Bass	315	406	5	3675
3	1	Smallmouth Bass	304	347	4	3676
4	1	Smallmouth Bass	298	321	4	3677
5	1	Smallmouth Bass	278	275	3	3678
6	1	Smallmouth Bass	285	279	4	3679
7	1	Smallmouth Bass	311	396	5	3680
8	1	Smallmouth Bass	259	212	3	3681
9	1	Smallmouth Bass	270	240	4	2682
10	1	Smallmouth Bass	190	89	2	
11	1	Smallmouth Bass	182	77	2	
12	1	Yellow Perch	220	131	4	
13	1	Rock Bass	200	171		
14	1	Rock Bass	145	66		
15	1	Rock Bass	190	145		
16	1	Rock Bass	165	88		
17	1	Rock Bass	138	58		
18	1	Rock Bass	198	172		
19	1	Rock Bass	115	38		

END TIME: July 12, 1984 10:30
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 26.5 Hours
SAMPLE : 8116

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	245	132	2	
2	1	Smallmouth Bass	255	227	3	3696
3	1	Bluegill	175	95		
4	1	Bluegill	162	82		
5	1	Bluegill	189	147		
6	1	Bluegill	184	121		
7	1	Bluegill	153	71		
8	1	Pumpkinseed		59		
9	1	Pumpkinseed	175	111		
10	1	Rock Bass	99	126		
11	1	White Perch	222	141	3	

END TIME: July 12, 1984 10:00
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 25.8 Hours
SAMPLE : 8117

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli- (number)	Tag Number
1	1	Rock Bass	216	174		

END TIME: July 12, 1984 08:45
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 23.9 Hours
SAMPLE : 8118

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	257	217	4	
2	1	Smallmouth Bass	369	833	6	3683
3	1	Smallmouth Bass	326	431	4	3684
4	1	Smallmouth Bass	264	212	3	3685
5	1	Rock Bass	208	180		
6	1	Rock Bass	196	151		
7	1	Rock Bass	217	197		
8	1	Yellow Perch	277	272	3	
9	1	Bluegill	200	152		
10	1	Bluegill	200	185		
11	1	Bluegill	212	223		
12	1	Bluegill	195	177		
13	1	Bluegill	211	248		
14	1	Bluegill	180	136		
15	1	Bluegill	199	151		
16	1	Pumpkinseed	162	97		
17	1	Brown Bullhead	305	393		
18	1	Brown Bullhead	355	610		
19	1	Brown Bullhead	437	582		
20	1	Brown Bullhead	209	109		
21	1	Brown Bullhead	230	118		

END TIME: July 12, 1984 09:40
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 24.5 Hours
SAMPLE : 8119

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	268	275	5	
2	1	Smallmouth Bass	245	165	3	3686
3	1	Smallmouth Bass	227	238	2	3688
4	1	Smallmouth Bass	146	38	1	
5	1	Yellow Perch	253	206	2	
6	1	Yellow Perch	230	138	3	
7	1	Bluegill	216	174		
8	1	Bluegill	196	156		
9	1	Bluegill	185	117		
10	1	Rock Bass	153	72		
11	1	Rock Bass	109	186		
12	1	Rock Bass	132	46		
13	1	Bluegill	180	111		

END TIME: July 12, 1984 08:30
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 23.0 Hours
SAMPLE : 8120

REMARKS : Station 2 north of island. No catch; net rolled due to thunderstorm & high river discharge

END TIME: July 12, 1984 08:15
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 22.4 Hours
SAMPLE : 8121

REMARKS : Station 2 south of island.High flow due to storm the previous evening

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	198	177		

END TIME: July 16, 1984 20:20
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8126

REMARKS : Vernon dam to discharge; no catch

END TIME: July 16, 1984 20:35
LOCATION: Vermont Yankee Boat Launch
METHOD : Electrofishing, 0.2 Hours
SAMPLE : 8127

REMARKS : VY discharge to VY stack

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	108	26		
2	1	Yellow Perch	170	53	2	
3	1	Yellow Perch	205	94	2	
4	1	White Sucker	490	910		
5	1	White Sucker	440	1080		
6	1	White Sucker	500	1200		

END TIME: July 16, 1984 21:20
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.4 Hours
SAMPLE : 8128

REMARKS : VY stack to VY powerline

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Carp	720	5560		
2	1	White Perch	212	128	2	
3	14	Yellow Perch		5670		
4	3	White Sucker		3290		

END TIME: July 16, 1984 21:50
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8129

REMARKS : VY power line south to point of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	14	Yellow Perch		1470		
2	1	White Perch	198	110	2	
3	1	White Sucker		1930		
4	1	White Perch	269	260	4	
5	13	Cyprinidae		88		

END TIME: July 17, 1984 22:05
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 0.6 Hours
SAMPLE : 8130

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	3	American Eel		1470		
2	1	Smallmouth Bass	410	850	5	2963
3	1	Smallmouth Bass	212	128	2	2964
4	1	Smallmouth Bass	162	59	2	
5	6	White Perch		1020		
6	3	Yellow Perch		138		
7	1	Smallmouth Bass	225	165	3	2965
8	5	Golden Shiner		152		
9	9	Cyprinidae		71		
10	3	White Sucker		176		
11	1	Yellow Perch	109	16		
12	9	Bluegill		126		
13	11	Pumpkinseed		317		

END TIME: July 17, 1984 21:12
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.6 Hours
SAMPLE : 8131

REMARKS : Vernon dam to opposite VY intake; NH shore

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		450		
2	1	Carp	620	5220		
3	1	Smallmouth Bass	400	945	6	2959
4	1	Smallmouth Bass	250	186	2	2962
5	2	Bluegill		32		
6	1	Pumpkinseed		14		
7	10	Yellow Perch		450		
8	2	White Sucker		1020		
9	1	Cyprinidae	110	15		

END TIME: July 18, 1984 22:05
LOCATION: Station 3 to Vernon Dam-Along NH Shore
METHOD : Electrofishing, 0.6 Hours
SAMPLE : 8132

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	6	American Eel		450		
2	1	Carp	730	6240		
3	48	Spottail Shiner		190		
4	1	Pumpkinseed	170	110		
5	4	Bluegill		550		
6	5	White Sucker		3740		
7	1	White Perch	260	242	4	
8	1	Smallmouth Bass	220	124	2	3648
9	1	Smallmouth Bass	198	91	2	
10	1	Smallmouth Bass	138	30	1	
11	1	Smallmouth Bass	110	15	1	
12	1	Smallmouth Bass	111	15	1	

END TIME: July 18, 1984 21:20
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8133

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		230		
2	2	White Sucker		1590		

END TIME: July 18, 1984 20:50
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8134

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		450		
2	4	White Sucker		2720		

END TIME: July 26, 1984
LOCATION: Station 5-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8167

REMARKS : (2)bottles; sample preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Spottail Shiner	81	5.0		
2	1	Spottail Shiner	80	9.5		
3	1	Spottail Shiner	86	6.1		
4	1	Spottail Shiner	78	4.6		
5	1	Spottail Shiner	79	4.8		
6	1	Spottail Shiner	83	5.0		
7	1	Spottail Shiner	81	5.0		
8	1	Spottail Shiner	81	5.5		
9	1	Spottail Shiner	83	5.0		
10	1	Spottail Shiner	79	4.6		
11	1	Spottail Shiner	85	5.5		
12	1	Spottail Shiner	83	5.3		
13	1	Spottail Shiner	83	5.2		
14	1	Spottail Shiner	81	5.3		
15	1	Spottail Shiner	74	3.6		
16	1	Spottail Shiner	79	4.5		
17	1	Spottail Shiner	84	5.7		
18	1	Spottail Shiner	80	4.6		
19	1	Spottail Shiner	78	4.3		
20	1	Spottail Shiner	91	7.4		
21	1	Spottail Shiner	77	4.6		
22	1	Spottail Shiner	77	4.3		
23	1	Spottail Shiner	78	4.3		
24	1	Spottail Shiner	83	5.5		
25	1	Spottail Shiner	83	5.8		
26	1	Spottail Shiner	72	3.9		
27	1	Spottail Shiner	87	6.4		
28	1	Spottail Shiner	87	6.4		
29	1	Spottail Shiner	26	0.2		
30	1	Spottail Shiner	25	0.1		
31	1	Golden Shiner	89	7.2		
32	1	White Sucker	52	1.7		
33	1	White Sucker	57	2.5		
34	1	White Sucker	61	3.1		
35	1	White Sucker	59	2.5		
36	1	White Sucker	44	1.2		
37	1	White Sucker	53	1.8		
38	1	White Sucker	57	2.3		
39	1	White Sucker	49	1.7		
40	1	White Sucker	47	1.5		
41	1	White Sucker	50	1.7		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 5-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8167

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
42	1	White Sucker	51	1.7		
43	1	White Sucker	48	1.5		
44	1	White Sucker	49	1.7		
45	1	White Sucker	54	1.6		
46	1	White Sucker	54	2.2		
47	1	White Sucker	49	1.5		
48	1	Largemouth Bass	44	1.4		
49	1	Largemouth Bass	43	1.3		
50	1	Largemouth Bass	48	1.7		
51	1	Largemouth Bass	37	0.9		
52	1	Largemouth Bass	52	2.4		
53	1	Largemouth Bass	43	1.4		
54	1	Largemouth Bass	30	0.4		
55	1	Largemouth Bass	34	0.7		
56	1	Largemouth Bass	43	1.1		
57	1	Largemouth Bass	43	1.4		
58	1	Largemouth Bass	52	2.3		
59	1	Largemouth Bass	38	0.9		
60	1	Largemouth Bass	35	0.7		
61	1	Largemouth Bass	39	1.1		
62	1	Largemouth Bass	39	1.1		
63	1	Largemouth Bass	49	1.8		
64	1	Largemouth Bass	51	2.3		
65	1	Largemouth Bass	57	2.9		
66	1	Largemouth Bass	35	0.8		
67	1	Largemouth Bass	53	2.6		
68	1	Largemouth Bass	36	1.0		
69	1	Largemouth Bass	45	1.4		
70	1	Largemouth Bass	38	1.0		
71	1	Largemouth Bass	40	1.1		
72	1	Largemouth Bass	42	1.5		
73	1	Largemouth Bass	25	0.3		
74	1	Largemouth Bass	24	0.3		
75	1	Largemouth Bass	22	0.2		
76	1	Yellow Perch	34	0.6		
77	1	Smallmouth Bass	40	1.2		
78	1	Smallmouth Bass	38	1.0		
79	1	Smallmouth Bass	41	1.2		
80	1	Smallmouth Bass	31	0.7		
81	1	Smallmouth Bass	41	1.1		
82	1	Smallmouth Bass	36	1.9		
83	1	Smallmouth Bass	37	0.9		
84	1	Smallmouth Bass	38	0.8		
85	1	Smallmouth Bass	39	1.1		
86	1	Smallmouth Bass	37	0.9		
87	1	Smallmouth Bass	43	1.5		
88	1	Smallmouth Bass	36	0.8		
89	1	Smallmouth Bass	34	0.6		
90	1	Smallmouth Bass	37	1.6		
91	1	Smallmouth Bass	34	0.8		
92	1	Smallmouth Bass	28	0.4		
93	1	Smallmouth Bass	44	1.7		
94	1	Smallmouth Bass	32	0.6		
95	1	Smallmouth Bass	32	0.5		
96	1	Smallmouth Bass	34	0.7		
97	1	Smallmouth Bass	34	0.6		
98	1	Smallmouth Bass	34	0.7		
99	1	Smallmouth Bass	35	0.7		
100	1	Smallmouth Bass	34	0.6		
101	1	Smallmouth Bass	28	0.4		
102	1	Smallmouth Bass	35	0.7		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 5-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8167

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
103	1	Smallmouth Bass	34	0.8		
104	1	Smallmouth Bass	35	0.8		
105	1	Smallmouth Bass	28	0.5		
106	1	Smallmouth Bass	29	0.4		
107	1	Smallmouth Bass	33	0.6		
108	1	Smallmouth Bass	28	0.5		
109	1	Smallmouth Bass	30	0.7		
110	1	Smallmouth Bass	30	0.5		
111	1	Smallmouth Bass	29	0.5		
112	1	Smallmouth Bass	29	0.5		
113	1	Smallmouth Bass	35	0.8		
114	1	Smallmouth Bass	27	0.4		
115	1	Smallmouth Bass	26	0.4		
116	1	Smallmouth Bass	27	0.4		
117	1	Smallmouth Bass	30	0.6		
118	1	Smallmouth Bass	31	0.6		
119	1	Smallmouth Bass	32	0.5		
120	1	Banded Killifish	59	2.5		
121	1	Banded Killifish	68	3.7		
122	1	Banded Killifish	72	4.8		
123	1	Banded Killifish	47	1.3		
124	1	Banded Killifish	65	3.8		
125	1	Banded Killifish	71	4.4		
126	1	Banded Killifish	55	2.0		
127	1	Banded Killifish	53	1.6		
128	1	Banded Killifish	57	2.4		
129	1	Lepomis sp.	22	0.2		
130	1	Lepomis sp.	24	0.3		
131	1	Lepomis sp.	20	0.2		
132	1	Rock Bass	24	0.4		
133	1	Rock Bass	22	0.2		
134	1	Rock Bass	21	0.2		
135	1	Rock Bass	15	0.1		
136	1	Rock Bass	24	0.3		
137	1	Rock Bass	24	0.3		
138	1	Rock Bass	24	0.3		
139	1	Rock Bass	23	0.2		
140	1	Rock Bass	20	0.2		
141	1	Rock Bass	20	0.2		
142	1	Rock Bass	22	0.3		
143	1	Rock Bass	22	0.2		
144	1	Rock Bass	20	0.2		
145	1	Rock Bass	21	0.2		
146	1	Rock Bass	19	0.2		
147	1	Rock Bass	19	0.2		
148	1	Rock Bass	23	0.3		
149	1	Rock Bass	21	0.2		
150	1	Rock Bass	22	0.3		
151	1	Rock Bass	20	0.2		
152	1	Rock Bass	21	0.3		
153	1	Rock Bass	22	0.3		
154	1	Rock Bass	22	0.3		
155	1	Rock Bass	23	0.3		
156	1	Rock Bass	24	0.4		
157	1	Rock Bass	23	0.3		
158	1	Rock Bass	18	0.2		
159	1	Tessellated Darter	30	0.2		
160	1	Tessellated Darter	31	0.2		
161	1	Tessellated Darter	32	0.3		
162	1	Tessellated Darter	28	0.3		
163	290	Spottail Shiner		55		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 5-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8167

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
164	1	Centrarchidae	16	0.0		
165	1	Mimic Shiner	26	0.1		
166	1	Mimic Shiner	24	0.1		
167	1	Spottail Shiner	31	0.2		
168	1	Spottail Shiner	27	0.2		
169	1	Spottail Shiner	27	0.2		
170	1	Spottail Shiner	27	0.3		
171	1	Spottail Shiner	31	0.3		
172	1	Spottail Shiner	29	0.2		
173	1	Spottail Shiner	30	0.2		
174	1	Spottail Shiner	27	0.2		
175	1	Spottail Shiner	27	0.2		
176	1	Spottail Shiner	22	0.1		
177	1	Spottail Shiner	20	0.1		
178	1	Spottail Shiner	27	0.1		
179	1	Spottail Shiner	32	0.4		
180	1	Spottail Shiner	21	0.1		
181	1	Spottail Shiner	31	0.2		
182	1	Spottail Shiner	24	0.2		
183	1	Spottail Shiner	31	0.3		
184	1	Spottail Shiner	28	0.3		
185	1	Spottail Shiner	31	0.2		
186	1	Spottail Shiner	25	0.2		
187	1	Spottail Shiner	28	0.6		
188	1	Spottail Shiner	25	0.2		
189	1	Spottail Shiner	24	0.1		
190	1	Spottail Shiner	25	0.2		
191	1	Spottail Shiner	29	0.3		
192	1	Spottail Shiner	22	0.1		
193	1	Spottail Shiner	27	0.1		
194	1	Spottail Shiner	25	0.2		
195	1	Spottail Shiner	24	0.1		
196	1	Spottail Shiner	25	0.1		
197	1	Spottail Shiner	24	0.3		
198	1	Spottail Shiner	25	0.1		
199	1	Spottail Shiner	27	0.2		
200	1	Spottail Shiner	23	0.1		
201	1	Spottail Shiner	22	0.1		
202	1	Spottail Shiner	27	0.2		
203	1	Spottail Shiner	25	0.1		
204	1	Spottail Shiner	25	0.2		
205	1	Spottail Shiner	26	0.2		
206	1	Spottail Shiner	24	0.1		
207	1	Spottail Shiner	30	0.3		
208	1	Spottail Shiner	27	0.2		
209	1	Spottail Shiner	28	0.2		
210	1	Spottail Shiner	22	0.1		
211	1	Spottail Shiner	28	0.1		
212	1	Spottail Shiner	17	0.1		
213	1	Spottail Shiner	28	0.2		
214	1	Spottail Shiner	28	0.3		
215	1	Spottail Shiner	30	0.3		
216	1	Spottail Shiner	20	0.1		
217	1	Spottail Shiner	28	0.3		
218	1	Spottail Shiner	22	0.1		
219	1	Spottail Shiner	25	0.2		
220	1	Spottail Shiner	25	0.2		
221	1	Spottail Shiner	22	0.1		
222	1	Spottail Shiner	23	0.1		
223	1	Spottail Shiner	24	0.1		
224	1	Spottail Shiner	29	0.3		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 5-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8167

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
225	1	Spottail Shiner	25	0.1		
226	1	Spottail Shiner	24	0.2		
227	1	Spottail Shiner	25	0.1		
228	1	Spottail Shiner	28	0.2		
229	1	Spottail Shiner	21	0.1		
230	1	Spottail Shiner	21	0.1		
231	1	Spottail Shiner	24	0.1		
232	1	Spottail Shiner	27	0.3		
233	1	Spottail Shiner	23	0.1		
234	1	Spottail Shiner	21	0.1		
235	1	Spottail Shiner	29	0.2		
236	1	Spottail Shiner	23	0.1		
237	1	Spottail Shiner	25	0.2		
238	1	Spottail Shiner	25	0.1		
239	1	Spottail Shiner	23	0.1		
240	1	Spottail Shiner	23	0.1		
241	1	Spottail Shiner	20	0.1		
242	1	Spottail Shiner	25	0.2		
243	1	White Sucker	36	0.6		
244	1	White Sucker	38	1.3		
245	1	Chain Pickerel	118	9.6		
246	1	Smallmouth Bass	137	36	1	
247	1	Smallmouth Bass	104	16		
248	1	Yellow Perch	119	23		
249	1	Yellow Perch	124	26		
250	1	Yellow Perch	110	18		
251	1	Yellow Perch	118	21		
252	1	Yellow Perch	58	2.8		
253	1	Yellow Perch	64	3.3		
254	1	Pumpkinseed	134	64		
255	1	Pumpkinseed	137	68		
256	1	Pumpkinseed	128	53		
257	1	Pumpkinseed	102	23		
258	1	Pumpkinseed	100	22		
259	1	Pumpkinseed	97	21		
260	1	Pumpkinseed	72	7.0		
261	1	Pumpkinseed	68	5.5		
262	1	Pumpkinseed	59	4.4		
263	1	Pumpkinseed	59	4.3		

END TIME: July 26, 1984
LOCATION: Station 5-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8168

REMARKS : Sample Preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	127	28		
2	1	Smallmouth Bass	44	1.6		
3	1	Smallmouth Bass	39	1.2		
4	1	Smallmouth Bass	41	1.3		
5	1	Smallmouth Bass	37	0.8		
6	1	Smallmouth Bass	44	1.4		
7	1	Smallmouth Bass	37	1.0		
8	1	Smallmouth Bass	44	1.6		
9	1	Smallmouth Bass	41	1.1		
10	1	Smallmouth Bass	43	1.3		
11	1	Smallmouth Bass	39	1.0		
12	1	Smallmouth Bass	39	1.1		
13	1	Smallmouth Bass	44	1.7		
14	1	Smallmouth Bass	39	1.0		
15	1	Smallmouth Bass	43	1.4		
16	1	Smallmouth Bass	35	0.9		
17	1	Smallmouth Bass	38	0.9		
18	1	Smallmouth Bass	35	0.9		
19	1	Smallmouth Bass	38	0.9		
20	1	Smallmouth Bass	34	0.8		
21	1	Smallmouth Bass	39	1.0		
22	1	Smallmouth Bass	36	0.9		
23	1	Smallmouth Bass	28	0.5		
24	1	Smallmouth Bass	32	1.1		
25	1	Yellow Perch	156	46		
26	1	Yellow Perch	115	17		
27	1	Pumpkinseed	142	74		
28	1	Pumpkinseed	110	28		
29	1	Bluegill	74	9.2		
30	1	Tessellated Darter	35	0.4		
31	1	Largemouth Bass	53	3.0		
32	1	Largemouth Bass	54	2.9		
33	1	Largemouth Bass	44	1.2		
34	1	Largemouth Bass	54	3.0		
35	1	Largemouth Bass	58	3.7		
36	1	Largemouth Bass	48	2.0		
37	1	Largemouth Bass	48	2.4		
38	1	Largemouth Bass	45	1.8		
39	1	Largemouth Bass	43	1.2		
40	1	Largemouth Bass	35	0.9		
41	1	Cyprinidae	42	0.8		
42	1	Tessellated Darter	38	0.4		
43	1	Centrarchidae	14			
44	1	Centrarchidae	16			
45	1	Centrarchidae	16			
46	1	Centrarchidae	17			
47	1	Centrarchidae	17			
48	1	Centrarchidae	18			
49	1	Centrarchidae	15			
50	1	Centrarchidae	23			
51	1	Cyprinidae	46	1.0		

END TIME: July 26, 1984
LOCATION: Station 4-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8169

REMARKS : Sample Preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	400	Spottail Shiner		82		
2	1	Pumpkinseed	104	27		
3	1	Pumpkinseed	96	20		
4	1	Pumpkinseed	94	20		
5	1	Pumpkinseed	120	48		
6	1	Pumpkinseed	112	34		
7	1	Pumpkinseed	90	18		
8	1	Pumpkinseed	109	31		
9	1	Pumpkinseed	97	23		
10	1	Pumpkinseed	125	54		
11	1	Pumpkinseed	114	36		
12	1	Pumpkinseed	90	19		
13	1	Pumpkinseed	98	23		
14	1	Pumpkinseed	96	20		
15	1	Pumpkinseed	99	22		
16	1	Pumpkinseed	114	36		
17	1	Pumpkinseed	98	21		
18	1	Pumpkinseed	88	14		
19	1	Pumpkinseed	110	30		
20	1	Bluegill	102	24		
21	1	Bluegill	84	14		
22	1	Yellow Perch	118	21		
23	1	Yellow Perch	122	24		
24	1	Yellow Perch	107	17		
25	1	Spottail Shiner	27	0.2		
26	1	Spottail Shiner	29	0.2		
27	1	Spottail Shiner	28	0.3		
28	1	Spottail Shiner	27	0.2		
29	1	Spottail Shiner	27	0.2		
30	1	Spottail Shiner	31	0.2		
31	1	Spottail Shiner	26	0.2		
32	1	Spottail Shiner	28	0.2		
33	1	Spottail Shiner	30	0.3		
34	1	Spottail Shiner	26	0.1		
35	1	Spottail Shiner	26	0.2		
36	1	Spottail Shiner	26	0.1		
37	1	Spottail Shiner	24	0.2		
38	1	Spottail Shiner	28	0.2		
39	1	Spottail Shiner	24	0.1		
40	1	Spottail Shiner	29	0.3		
41	1	Spottail Shiner	27	0.2		
42	1	Spottail Shiner	27	0.2		
43	1	Spottail Shiner	25	0.2		
44	1	Spottail Shiner	25	0.2		
45	1	Spottail Shiner	28	0.2		
46	1	Spottail Shiner	28	0.2		
47	1	Spottail Shiner	32	0.3		
48	1	Spottail Shiner	26	0.2		
49	1	Spottail Shiner	24	0.1		
50	1	Spottail Shiner	22	0.1		
51	1	Spottail Shiner	30	0.2		
52	1	Spottail Shiner	24	0.2		
53	1	Spottail Shiner	27	0.2		
54	1	Spottail Shiner	30	0.3		
55	1	Spottail Shiner	30	0.2		
56	1	Spottail Shiner	30	0.2		
57	1	Spottail Shiner	28	0.3		
58	1	Spottail Shiner	27	0.2		
59	1	Spottail Shiner	25	0.1		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 4-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8169

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
60	1	Spottail Shiner	29	0.2		
61	1	Spottail Shiner	23	0.1		
62	1	Spottail Shiner	27	0.2		
63	1	Spottail Shiner	27	0.2		
64	1	Spottail Shiner	25	0.2		
65	1	Spottail Shiner	27	0.2		
66	1	Spottail Shiner	23	0.1		
67	1	Spottail Shiner	29	0.2		
68	1	Spottail Shiner	26	0.2		
69	1	Spottail Shiner	26	0.2		
70	1	Spottail Shiner	26	0.2		
71	1	Spottail Shiner	31	0.3		
72	1	Spottail Shiner	29	0.2		
73	1	Spottail Shiner	27	0.2		
74	1	Spottail Shiner	28	0.2		
75	1	Spottail Shiner	26	0.2		
76	25	Spottail Shiner		5.1		
77	1	Yellow Perch	61	2.9		
78	1	Tessellated Darter	57	1.6		
79	1	Tessellated Darter	28	0.1		
80	1	Tessellated Darter	32	0.2		
81	1	Tessellated Darter	32	0.2		
82	1	Tessellated Darter	31	0.3		
83	1	Tessellated Darter	29	0.2		
84	1	Tessellated Darter	24	0.1		
85	1	Tessellated Darter	27	0.2		
86	1	Tessellated Darter	37	0.4		
87	1	Tessellated Darter	31	0.3		
88	1	Tessellated Darter	34	0.4		
89	1	Tessellated Darter	26	0.2		
90	1	Tessellated Darter	26	0.1		
91	1	Tessellated Darter	29	0.1		
92	1	Tessellated Darter	34	0.4		
93	1	Tessellated Darter	26	0.1		
94	1	Tessellated Darter	25	0.1		
95	1	Tessellated Darter	33	0.3		
96	1	Tessellated Darter	27	0.2		
97	1	Tessellated Darter	30	0.3		
98	1	Tessellated Darter	25	0.1		
99	1	Tessellated Darter	32	0.4		
100	1	Tessellated Darter	28	0.2		
101	1	Tessellated Darter	22	0.1		
102	1	Banded Killifish	50	1.4		
103	1	Banded Killifish	27	0.3		
104	1	Banded Killifish	35	0.4		
105	1	Banded Killifish	32	0.6		
106	1	Banded Killifish	30	0.3		
107	1	Largemouth Bass	38	0.8		
108	1	Largemouth Bass	49	2.9		
109	1	Largemouth Bass	25	0.2		
110	1	White Sucker	48	1.3		
111	1	White Sucker	49	1.5		
112	1	White Sucker	45	1.1		
113	1	White Sucker	49	1.5		
114	1	White Sucker	45	1.2		
115	1	White Sucker	44	1.0		
116	1	White Sucker	35	0.5		
117	1	White Sucker	46	1.2		
118	1	White Sucker	50	1.7		
119	1	White Sucker	50	1.7		
120	1	White Sucker	44	1.2		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 4-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8169

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
121	1	Smallmouth Bass	40	1.3		
122	1	Smallmouth Bass	44	1.6		
123	1	Smallmouth Bass	36	0.8		
124	1	Smallmouth Bass	26	0.4		
125	1	Smallmouth Bass	39	1.0		
126	1	Smallmouth Bass	28	0.6		
127	1	Smallmouth Bass	41	1.2		
128	1	Smallmouth Bass	37	1.0		
129	1	Smallmouth Bass	37	2.1		
130	1	Smallmouth Bass	32	0.6		
131	1	Smallmouth Bass	38	1.0		
132	1	Smallmouth Bass	35	0.8		
133	1	Smallmouth Bass	35	0.8		
134	1	Smallmouth Bass	39	1.2		
135	1	Smallmouth Bass	33	0.7		
136	1	Smallmouth Bass	27	0.5		
137	1	Smallmouth Bass	33	0.8		
138	1	Smallmouth Bass	31	0.6		
139	1	Smallmouth Bass	32	0.7		
140	1	Smallmouth Bass	36	1.0		
141	1	Smallmouth Bass	38	1.0		
142	1	Smallmouth Bass	35	1.0		
143	1	Smallmouth Bass	28	0.5		
144	1	Smallmouth Bass	39	1.2		
145	1	Smallmouth Bass	32	0.6		
146	1	Smallmouth Bass	37	1.0		
147	1	Smallmouth Bass	33	0.9		
148	1	Smallmouth Bass	37	0.8		
149	1	Smallmouth Bass	32	0.6		
150	1	Smallmouth Bass	30	0.5		
151	1	Smallmouth Bass	41	1.4		
152	1	Smallmouth Bass	33	0.7		
153	1	Smallmouth Bass	27	0.4		
154	1	Smallmouth Bass	30	0.5		
155	1	Smallmouth Bass	33	0.7		
156	1	Smallmouth Bass	28	0.4		
157	1	Smallmouth Bass	32	0.7		
158	1	Smallmouth Bass	28	0.4		
159	1	Smallmouth Bass	38	1.0		
160	1	Smallmouth Bass	33	0.7		
161	1	Smallmouth Bass	26	0.3		
162	1	Smallmouth Bass	29	0.5		
163	1	Smallmouth Bass	25	0.3		
164	1	Smallmouth Bass	36	0.9		
165	1	Smallmouth Bass	25	0.2		
166	1	Smallmouth Bass	33	0.6		
167	1	Smallmouth Bass	31	0.5		
168	1	Smallmouth Bass	30	0.5		
169	1	Smallmouth Bass	33	0.6		
170	1	Smallmouth Bass	37	1.0		
171	1	Smallmouth Bass	31	0.5		
172	1	Smallmouth Bass	34	0.8		
173	1	Smallmouth Bass	35	0.7		
174	1	Smallmouth Bass	33	0.7		
175	1	Smallmouth Bass	30	0.4		
176	1	Smallmouth Bass	30	0.9		
177	1	Smallmouth Bass	27	0.4		
178	1	Smallmouth Bass	29	0.6		
179	1	Smallmouth Bass	30	0.5		
180	8	Smallmouth Bass		4.2		
181	1	Cyprinidae	41	0.7		

(CONTINUED)

END TIME: July 26, 1984
LOCATION: Station 4-New Hampshire
METHOD : 50' seine (1/4"bar)
SAMPLE : 8169

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
182	1	Cyprinidae	35	0.3		
183	1	Cyprinidae	35	0.3		
184	1	Blacknose Dace	38	0.4		
185	1	Centrarchidae	16			
186	1	Centrarchidae	19			
187	1	Centrarchidae	19			
188	1	Rock Bass	24	0.2		

END TIME: July 26, 1984
LOCATION: Station 4-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8170

REMARKS : Sample Preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	272	Spottail Shiner		72		
2	1	Spottail Shiner	31	0.1		
3	1	Spottail Shiner	29	0.1		
4	1	Spottail Shiner	30	0.2		
5	1	Spottail Shiner	30	0.3		
6	1	Spottail Shiner	27	0.1		
7	1	Spottail Shiner	27	0.1		
8	1	Spottail Shiner	30	0.2		
9	1	Spottail Shiner	29	0.2		
10	1	Spottail Shiner	30	0.4		
11	1	Spottail Shiner	31	0.2		
12	1	Spottail Shiner	28	0.1		
13	1	Spottail Shiner	28	0.2		
14	1	Spottail Shiner	22	0.1		
15	1	Spottail Shiner	27	0.1		
16	1	Spottail Shiner	28	0.2		
17	1	Spottail Shiner	26	1.0		
18	1	Spottail Shiner	31	0.2		
19	1	Spottail Shiner	32	0.3		
20	1	Spottail Shiner	29	0.2		
21	1	Spottail Shiner	30	0.2		
22	1	Spottail Shiner	30	0.3		
23	1	Spottail Shiner	31	0.3		
24	1	Spottail Shiner	34	0.4		
25	1	Spottail Shiner	28	0.2		
26	1	Spottail Shiner	29	0.2		
27	1	Spottail Shiner	30	0.2		
28	1	Spottail Shiner	30	0.2		
29	1	Spottail Shiner	32	0.2		
30	1	Spottail Shiner	29	0.2		
31	1	Spottail Shiner	32	0.4		
32	1	Spottail Shiner	27	0.1		
33	1	Spottail Shiner	27	0.2		
34	1	Spottail Shiner	23	0.1		
35	1	Spottail Shiner	24	0.1		
36	1	Spottail Shiner	27	0.2		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 4-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8170

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
37	1	Spottail Shiner	27	0.1		
38	1	Spottail Shiner	28	0.1		
39	1	Spottail Shiner	26	0.1		
40	1	Spottail Shiner	28	0.2		
41	1	Spottail Shiner	28	0.2		
42	1	Spottail Shiner	29	0.2		
43	1	Banded Killifish	34	0.4		
44	1	Tessellated Darter	36	0.4		
45	1	Tessellated Darter	23	0.0		
46	1	Tessellated Darter	32	0.3		
47	1	Tessellated Darter	28	0.2		
48	1	Tessellated Darter	29	0.2		
49	1	Tessellated Darter	37	0.4		
50	1	Tessellated Darter	35	0.4		
51	1	Tessellated Darter	25	0.1		
52	1	Tessellated Darter	29	0.2		
53	1	Tessellated Darter	21	0.0		
54	1	Tessellated Darter	26	0.1		
55	1	Tessellated Darter	35	0.4		
56	1	Tessellated Darter	27	0.1		
57	1	Tessellated Darter	34	0.4		
58	1	Tessellated Darter	25	0.1		
59	1	Tessellated Darter	31	0.3		
60	1	Tessellated Darter	32	0.4		
61	1	Tessellated Darter	35	0.4		
62	1	Tessellated Darter	31	0.2		
63	1	Tessellated Darter	32	0.3		
64	1	Tessellated Darter	27	0.2		
65	1	Tessellated Darter	29	0.2		
66	1	Tessellated Darter	30	0.2		
67	1	Tessellated Darter	25	0.1		
68	1	Tessellated Darter	27	0.1		
69	1	Tessellated Darter	30	0.3		
70	1	Smallmouth Bass	31	0.4		
71	1	Smallmouth Bass	43	1.3		
72	1	Smallmouth Bass	30	0.4		
73	1	Smallmouth Bass	33	0.6		
74	1	Smallmouth Bass	47	1.5		
75	1	Smallmouth Bass	28	0.3		
76	1	Smallmouth Bass	45	1.4		
77	1	Smallmouth Bass	32	0.4		
78	1	Smallmouth Bass	45	1.6		
79	1	Smallmouth Bass	32	0.5		
80	1	Smallmouth Bass	31	0.4		
81	1	Smallmouth Bass	29	0.4		
82	1	Smallmouth Bass	39	0.8		
83	1	Smallmouth Bass	30	0.4		
84	1	Smallmouth Bass	29	0.4		
85	1	Smallmouth Bass	36	0.7		
86	1	Smallmouth Bass	33	0.5		
87	1	Smallmouth Bass	28	0.3		
88	1	Smallmouth Bass	45	1.2		
89	1	Smallmouth Bass	37	0.7		
90	1	Smallmouth Bass	28	0.2		
91	1	Smallmouth Bass	30	0.4		
92	1	Smallmouth Bass	33	0.4		
93	1	Smallmouth Bass	30	0.4		
94	1	Smallmouth Bass	29	0.3		
95	1	Smallmouth Bass	33	0.5		
96	1	Smallmouth Bass	28	0.3		
97	1	Smallmouth Bass	31	0.4		

(CONTINUED)
END TIME: July 26, 1984
LOCATION: Station 4-Vermont
METHOD : 50' seine (1/4"bar)
SAMPLE : 8170

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
98	1	Smallmouth Bass	29	0.4		
99	1	Smallmouth Bass	31	0.4		
100	1	Smallmouth Bass	30	0.4		
101	1	Smallmouth Bass	30	0.4		
102	1	Smallmouth Bass	31	0.4		
103	1	Smallmouth Bass	31	0.5		
104	1	Smallmouth Bass	38	0.8		
105	1	Smallmouth Bass	28	0.3		
106	1	Smallmouth Bass	34	0.5		
107	1	Smallmouth Bass	29	0.3		
108	1	Smallmouth Bass	27	0.3		
109	1	Smallmouth Bass	37	0.7		
110	1	Smallmouth Bass	34	0.5		
111	1	Smallmouth Bass	30	0.4		
112	1	Smallmouth Bass	29	0.3		
113	1	Smallmouth Bass	32	0.5		
114	1	Smallmouth Bass	36	0.6		
115	1	Smallmouth Bass	32	0.5		
116	1	Smallmouth Bass	33	0.6		
117	1	Smallmouth Bass	39	0.8		
118	1	Smallmouth Bass	29	0.3		
119	1	Smallmouth Bass	27	0.2		
120	1	Smallmouth Bass	25	0.1		
121	1	Smallmouth Bass	27	0.2		
122	1	Smallmouth Bass	31	0.4		
123	1	Largemouth Bass	48	1.5		
124	1	Lepomis sp.	24	0.2		
125	1	Lepomis sp.	21	0.1		
126	1	Rock Bass	21	0.2		
127	1	Rock Bass	22	0.2		
128	1	Rock Bass	24	0.3		
129	1	Rock Bass	28	0.4		
130	1	Banded Killifish	32	0.3		
131	1	Tessellated Darter	14	0.0		
132	1	Blacknose Dace	32	0.3		

END TIME: July 26, 1984
LOCATION: Stebbin Island-Vermont Side
METHOD : 50' seine (1/4"bar)
SAMPLE : 8171

REMARKS : Sample Preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	127	52		
2	1	White Sucker	41	0.8		
3	1	White Sucker	39	0.7		
4	1	White Sucker	37	0.5		
5	1	Smallmouth Bass	39	1.1		
6	1	Largemouth Bass	40	1.3		
7	1	Largemouth Bass	45	1.3		
8	1	Largemouth Bass	45	1.4		
9	1	Largemouth Bass	39	0.9		
10	1	Largemouth Bass	40	0.9		
11	1	Largemouth Bass	33	0.6		
12	1	Largemouth Bass	36	0.6		
13	1	Largemouth Bass	43	1.3		
14	1	Largemouth Bass	36	0.7		
15	1	Largemouth Bass	33	0.6		
16	1	Largemouth Bass	37	0.8		
17	1	Largemouth Bass	33	0.5		
18	1	Centrarchidae	13			
19	1	Centrarchidae	14			
20	1	Centrarchidae	14			
21	1	Centrarchidae	15			
22	1	Centrarchidae	15			
23	1	Centrarchidae	12			
24	1	Centrarchidae	13			
25	1	Centrarchidae	14			
26	1	Centrarchidae	15			
27	1	Centrarchidae	16			

END TIME: July 26, 1984
LOCATION: Stebbin Island-New Hampshire Side
METHOD : 50' seine (1/4"bar)
SAMPLE : 8172

REMARKS : Sample Preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	128	58		
2	1	Pumpkinseed	133	63		
3	1	Pumpkinseed	133	65		
4	1	Pumpkinseed	115	42		
5	1	Pumpkinseed	128	54		
6	1	Smallmouth Bass	40	1.3		
7	1	White Sucker	57	1.6		
8	1	Largemouth Bass	110	23		
9	1	Largemouth Bass	115	24		

END TIME: August 5, 1984 10:12
LOCATION: 4.1-VT
METHOD : Trap net, 18.0 Hours
SAMPLE : 8173

REMARKS : Station 4 Vermont discharge; discharge water but no heat

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	305	351	4	1416
2	1	Smallmouth Bass	410	900	6	2967
3	1	Smallmouth Bass	275	248	4	2968
4	1	Smallmouth Bass	133	27	1	
5	1	Smallmouth Bass	129	25	1	
6	1	Rock Bass	96	19		
7	1	White Perch	257	252	4	
8	1	White Perch	233	168	2	
9	1	Rock Bass	199	150		
10	1	Rock Bass	212	208		
11	1	Yellow Perch	210	95	3	
12	1	White Sucker	455	833		
13	1	White Sucker	474	970		

END TIME: August 5, 1984 10:40
LOCATION: 4.2-VT
METHOD : Trap net, 18.3 Hours
SAMPLE : 8174

REMARKS : Station 4 Vermont south; discharging water but no heat

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	254	252	5	
2	1	White Perch	225	165	2	
3	1	Pumpkinseed	180	121		

END TIME: August 5, 1984 10:50
LOCATION: 4.6-NH
METHOD : Trap net, 18.2 Hours
SAMPLE : 8175

REMARKS : Station 4 NH north, usually south; pond elevation is high w/ low flows. Vernon dam is not operating

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	445	717	3	2969
2	1	Walleye	448	723	4	2970
4	1	Smallmouth Bass	298	318	4	2971
5	1	Smallmouth Bass	266	216	3	2617
6	1	Smallmouth Bass	360	518	6	2765
7	1	Smallmouth Bass	285	250	3	2973
8	1	Smallmouth Bass	231	153	2	
9	1	Smallmouth Bass	270	208	2	2974
10	1	Yellow Perch	162	46	2	
11	1	White Perch	272	294	4	
12	1	Pumpkinseed	136	66		
13	1	Pumpkinseed	145	80		
14	1	White Sucker	430	900		

END TIME: August 5, 1984 11:20
LOCATION: 4.7-NH
METHOD : Trap net, 18.5 Hours
SAMPLE : 8176

REMARKS : Station 4-NH near Vernon dam

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	256	254	3	

END TIME: August 5, 1984 11:30
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 18.3 Hours
SAMPLE : 8177

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	312	390	3	2911
2	1	White Perch	260	235	3	
3	1	White Perch	250	205	3	
4	1	White Perch	248	201	3	
5	1	Pumpkinseed	172	105		
6	1	Pumpkinseed	140	60		
7	1	White Sucker	438	853		

END TIME: August 5, 1984 15:40
LOCATION: Station 5-Vermont
METHOD : Trap net, 22.3 Hours
SAMPLE : 8178

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	200	196		
2	1	Rock Bass	219	194		
3	1	Smallmouth Bass	285	249	4	2912
4	1	Smallmouth Bass	323	395	4	2913
5	1	Smallmouth Bass	270	222	3	2916
6	1	Smallmouth Bass	315	337	3	1703
7	1	Smallmouth Bass	295	295		2932
7	0	Smallmouth Bass				2917
8	1	Smallmouth Bass	280	245	4	2918
9	1	Smallmouth Bass	290	302	3	2919
10	1	Yellow Perch	184	71	2	
11	1	Yellow Perch	248	166	4	
12	1	White Sucker	424	850		
13	1	American Eel		1100		

END TIME: August 5, 1984 11:45
LOCATION: Station 5-Midstream
METHOD : Trap net, 18.3 Hours
SAMPLE : 8179

REMARKS : No Catch

END TIME: August 5, 1984 15:20
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 21.7 Hours
SAMPLE : 8180

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	260	258	3	
2	1	White Perch	249	211	3	
3	1	White Perch	298	385	4	
4	1	White Perch	217	132	2	
5	1	Carp	645	3520		
6	1	White Sucker	420	793		
7	1	White Sucker	482	1020		
8	5	White Sucker		4080		

END TIME: August 5, 1984 15:10
LOCATION: Rum Point
METHOD : Trap net, 21.3 Hours
SAMPLE : 8181

REMARKS : No Catch

END TIME: August 5, 1984 16:18
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 22.3 Hours
SAMPLE : 8182

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	265	227	3	2920
2	1	Yellow Perch	210	107	4	
3	1	Yellow Perch	171	63	3	
4	1	Yellow Perch	181	65	2	
5	1	Rock Bass	143	64		
6	1	Yellow Perch	186	70	3	

END TIME: August 5, 1984 12:15
LOCATION: Station 5-Vermont
METHOD : Trap net, 20.6 Hours
SAMPLE : 8189

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	8	White Sucker		7260		
2	1	Walleye	520	1210	5	2903
3	1	Smallmouth Bass	325	425	4	2905

END TIME: August 6, 1984 08:40
LOCATION: 4.1-VT
METHOD : Trap net, 22.5 Hours
SAMPLE : 8183

REMARKS : Station 4-VT discharge

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	263	254	3	2921
2	1	Smallmouth Bass	150	41	1	
3	1	Smallmouth Bass	156	49	1	
4	1	Smallmouth Bass	222	121	2	
5	1	Smallmouth Bass	139	34	1	
6	1	Smallmouth Bass	205	128	3	
7	1	Smallmouth Bass	195	98	2	
8	1	Smallmouth Bass	149	43	1	
9	1	White Perch	215	145	3	
10	1	White Perch	228	160	3	
11	1	White Perch	135	43	1	
12	1	White Sucker	444	910		

END TIME: August 6, 1984 09:15
LOCATION: 4.2-VT
METHOD : Trap net, 22.6 Hours
SAMPLE : 8184

REMARKS : Station 4-VT south

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	233	174	3	
2	1	White Perch	231	170	2	

END TIME: August 6, 1984 09:30
LOCATION: 4.6-NH
METHOD : Trap net, 22.7 Hours
SAMPLE : 8185

REMARKS : Station 4 NH north; usually south

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		907		
2	1	Walleye	600	1870	6	2922
3	1	Walleye	470	847	3	2923
4	1	Smallmouth Bass	349	463	4	2924
5	1	Rock Bass	189	127		
6	1	Yellow Perch	126	20		
7	1	Yellow Perch	257	188	5	
8	1	Yellow Perch	234	129	3	
9	1	Yellow Perch	184	64	2	
10	1	Rock Bass	250	311		
11	1	White Sucker	427	764		
12	1	White Sucker	452	931		
13	1	White Sucker	355	502		
14	1	Spottail Shiner	124	13		

END TIME: August 6, 1984 10:00
LOCATION: 4.7-NH
METHOD : Trap net, 22.7 Hours
SAMPLE : 8186

REMARKS : Station 4-NH near Vernon dam

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	325	415	3	2925
2	1	Smallmouth Bass	284	277	3	2900
3	1	White Perch	270	293	4	
4	1	White Perch	268	270	4	
5	1	Bluegill	94	27		
6	1	Rock Bass	220	190		
7	1	Pumpkinseed	159	91		

END TIME: August 6, 1984 11:15
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 23.8 Hours
SAMPLE : 8187

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Carp	710	5220		
2	1	White Perch	298	325	5	
3	1	White Perch	290	273	4	
4	1	White Perch	270	253	4	
5	1	White Perch	275	253	5	
6	1	White Perch	280	245	4	
7	1	White Perch	230	126	2	
8	1	Pumpkinseed	204	148		
9	1	Yellow Perch	202	53	3	
10	1	Spottail Shiner	91	6.0		

END TIME: August 6, 1984 12:30
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 20.2 Hours
SAMPLE : 8188

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	180	60	2	
2	1	Yellow Perch	192	78	2	

END TIME: August 6, 1984 11:00
LOCATION: Station 5-Midstream
METHOD : Trap net, 23.3 Hours
SAMPLE : 8190

REMARKS : No catch

END TIME: August 6, 1984 12:00
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 20.7 Hours
SAMPLE : 8191

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	456	749	3	2902
2	1	White Perch	231	167	2	
3	1	White Perch	210	125	3	
4	1	White Perch	226	160	2	
5	1	Smallmouth Bass	215	110	2	
6	1	Bluegill	220	214		
7	1	Rock Bass	146	61		
8	1	White Sucker	458	939		
9	1	White Sucker	460	960		

END TIME: August 6, 1984 10:35
LOCATION: Rum Point
METHOD : Trap net, 19.4 Hours
SAMPLE : 8192

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	510	1050	4	2901
2	1	White Sucker	465	1080		
3	1	White Sucker	335	390		
4	1	White Sucker	430	750		

END TIME: August 7, 1984 10:10
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 18.8 Hours
SAMPLE : 8193

REMARKS : Pond low

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	320	380	3	3650
2	1	Micropterus sp.	208	92		
3	1	Micropterus sp.	214	110		
4	1	Micropterus sp.	165	60		
5	1	Bluegill	160	96		
6	1	Bluegill	191	139		
7	1	Bluegill	202	178		
8	1	Bluegill	197	166		
9	1	Bluegill	189	130		
10	1	Bluegill	176	117		
11	1	Pumpkinseed	157	90		
12	1	White Sucker	461	1010		

END TIME: August 7, 1984 10:30
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 19.0 Hours
SAMPLE : 8194

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	165	101		
2	1	Smallmouth Bass	248	190	2	3651

END TIME: August 7, 1984 10:50
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 19.2 Hours
SAMPLE : 8195

REMARKS : Entire catch dead due to low water; net reset in deeper water

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	342	475		
2	1	Bluegill	196	143		
3	1	Bluegill	191	150		
4	1	Pumpkinseed	194	143		
5	1	White Sucker	460	725		

END TIME: August 7, 1984 11:10
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 19.3 Hours
SAMPLE : 8196

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	290	275		3652
2	1	Smallmouth Bass	319	415		3653
3	1	Rock Bass	217	195		
4	1	Bluegill	188	151		
5	1	Bluegill	214	189		
6	1	Bluegill	220	226		
7	1	Bluegill	199	162		
8	1	Bluegill	176	146		
9	1	Bluegill	234	238		
10	1	Bluegill	183	141		
11	1	Rock Bass	205	164		
12	1	Bluegill	163	105		
13	1	Pumpkinseed	161	102		
14	1	White Sucker	495	1070		
15	1	White Sucker	469	982		
16	1	White Sucker	455	880		

END TIME: August 7, 1984 11:40
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 19.5 Hours
SAMPLE : 8197

REMARKS : Station 2 south of island; no catch; water down - 2ft

---

END TIME: August 7, 1984 11:50
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 19.5 Hours
SAMPLE : 8198

REMARKS : Station 2 south of island; no catch; moved net north of island, time of reset 8-7-84 1200

END TIME: August 8, 1984 10:10
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 24.0 Hours
SAMPLE : 8199

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	518	1200	4	3654
2	1	Micropterus sp.	219	130		
3	1	Smallmouth Bass	305	267	4	3657
4	1	Bluegill	202	201		
5	1	Pumpkinseed	185	141		
6	1	Bluegill	173	124		
7	1	Bluegill	208	175		
8	1	Bluegill	199	171		
9	1	Bluegill	164	119		
10	1	Pumpkinseed	159	95		
11	1	Brown Bullhead	206	122		

END TIME: August 8, 1984 10:00
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 23.5 Hours
SAMPLE : 8200

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Micropterus sp.	120	26		

END TIME: August 8, 1984 12:25
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 25.6 Hours
SAMPLE : 8201

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	179	65	2	

END TIME: August 8, 1984 11:30
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 24.3 Hours
SAMPLE : 8202

REMARKS : Net rolled

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	284	258	4	3661
2	1	Smallmouth Bass	335	440	4	3662
3	1	Smallmouth Bass	270	213	3	3663
4	1	Bluegill	111	24		
5	1	Rock Bass	213	184		
6	1	Rock Bass	192	148		
7	1	Bluegill	187	107		
8	1	Bluegill	167	88		

END TIME: August 8, 1984 11:00
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 23.3 Hours
SAMPLE : 8203

REMARKS : Station 2 south of island;

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	313	430	4	3658
2	1	Smallmouth Bass	296	320	3	3659
3	1	Smallmouth Bass	268	233		3660
4	1	Bluegill	158	103		
5	1	Bluegill	172	123		

END TIME: August 8, 1984 11:10
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 23.2 Hours
SAMPLE : 8204

REMARKS : Station 2 north of island; no catch

END TIME: August 13, 1984
LOCATION: Bellows Falls
METHOD : Trap net
SAMPLE : 8205

REMARKS : Sample collected for parasite study

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	2	Chain Pickerel		113		
2	3	Pumpkinseed		453		
3	1	Rock Bass		198		
4	2	Pumpkinseed		368		
5	1	Golden Shiner		85		
6	3	Brown Bullhead		453		
8	3	Yellow Perch		255		
9	1	Smallmouth Bass	285	331	3	
10	1	Yellow Perch	210	103	3	
11	1	Yellow Perch	205	116	4	
12	1	White Perch	311	325	3	
13	1	White Perch	251	251	3	
14	1	Yellow Perch	281	237	7	
15	1	Yellow Perch	114	216		
16	1	White Perch	242	240	3	
17	1	Yellow Perch				

END TIME: August 13, 1984
LOCATION: NEPCO Boat Launch - NH Shore
METHOD : Trap net
SAMPLE : 8206

REMARKS : Directly across from boat launch; No catch

END TIME: August 13, 1984
LOCATION: 1000 Yards North of NEPCO (Bellows Falls) Launch-VT Shore
METHOD : Trap net
SAMPLE : 8207

REMARKS : No catch

END TIME: August 13, 1984 20:07
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8208

REMARKS : Vernon dam to VY intake

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	175	63	1	
2	9	Yellow Perch		347		
3	1	Smallmouth Bass	137	33	1	
4	1	Pumpkinseed	136	56		
5	18	Cyprinidae		110		
6	1	Smallmouth Bass	65	3.0		

END TIME: August 13, 1984 20:40
LOCATION: Vermont Yankee Boat Launch
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8209

REMARKS : VY intake to VY stacks

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American shad	555	993		
2	1	Smallmouth Bass	315	380	5	2967
3	1	Smallmouth Bass	333	481	4	2906
4	6	White Sucker		3180		

END TIME: August 13, 1984 21:10
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8210

REMARKS : VY stack to station 5

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	2	American Eel		907		
2	3	White Sucker		2720		
3	1	Smallmouth Bass	136	28	1	
4	1	Smallmouth Bass	331	431	4	
5	4	White Perch		793		
6	1	Rock Bass	235	260		
7	1	Pumpkinseed	162	103		
8	4	Yellow Perch		200		
9	3	Cyprinidae		17		

END TIME: August 14, 1984 07:45
LOCATION: Bellows Falls
METHOD : Trap net
SAMPLE : 8211

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	3	Yellow Perch		425		
2	1	White Sucker	473	1090		

END TIME: August 14, 1984 08:30
LOCATION: Bellows Falls
METHOD : Trap net
SAMPLE : 8212

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	2	Yellow Perch		56		
2	1	Chain Pickerel		141		
3	3	Rock Bass		538		
8	1	Chain Pickerel	459	554		

END TIME: August 14, 1984 20:40
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 8229

REMARKS : Vernon dam to the ledge opposite VY; NH shore

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	2	American Eel		907		
2	1	American shad	482	890		
3	1	Smallmouth Bass	223	120	2	
4	1	Largemouth Bass	95	9.0		
5	1	Smallmouth Bass	230	135	2	
6	1	Smallmouth Bass	127	22		
7	1	Smallmouth Bass	255	180	2	2907
8	1	Smallmouth Bass	147	34	1	
9	1	White Perch	262	263	3	2908
10	37	Yellow Perch		1280		
11	10	White Sucker		2210		
12	1	Yellow Perch		28		
13	1	White Perch	72	9.0		
14	3	Yellow Perch		59		
15	2	Golden Shiner		52		
16	1	Yellow Perch		21		
17	1	Largemouth Bass	75	7.0		
18	1	Rock Bass		107		
19	2	Yellow Perch		57		
20	16	Pumpkinseed		707		
21	2	Bluegill		135		
22	43	Cyprinidae		374		
23	1	White Perch	47	4.0		
24	1	Carp		4200		

END TIME: August 14, 1984 22:30
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 1.5 Hours
SAMPLE : 8230

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	4	American Eel		737		
2	1	Smallmouth Bass	242	170		2909
3	1	Largemouth Bass	503	1960	6	
4	1	Largemouth Bass	248	224	3	
5	1	Largemouth Bass	230	183	3	
6	1	Largemouth Bass	258	256	4	
7	1	Largemouth Bass	246	216	4	
8	1	Smallmouth Bass	260	203	2	2910
9	1	Largemouth Bass	261	257	4	
10	1	Largemouth Bass	408	990	5	
11	1	Largemouth Bass	323	525	3	
12	1	Largemouth Bass	267	290	3	
13	1	Largemouth Bass	228	163	3	
14	1	Largemouth Bass	242	196	3	
15	1	Largemouth Bass	247	204	3	
16	1	Smallmouth Bass	223	136	2	2926
17	1	Smallmouth Bass	300	368	3	2927
18	8	Yellow Perch		567		
19	6	White Perch		1870		
20	1	Largemouth Bass	207	125	4	
21	1	Lepomis sp.		7.0		
22	1	Largemouth Bass	245	185	3	
23	10	Spottail Shiner		54		
24	1	Rock Bass		3.0		
25	1	Lepomis sp.		3.0		
26	8	Golden Shiner		290		
27	1	Rock Bass		23		
28	16	Bluegill		652		
29	16	Pumpkinseed		481		
31	1	White Perch	287	327	3	
32	1	White Perch	285	331		
33	1	Yellow Perch	193	72	3	

END TIME: August 14, 1984 00:00
LOCATION: Station 5-Vermont
METHOD : Electrofishing
SAMPLE : 8231

REMARKS : VY stack to station 5

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	2	Carp		5050		
2	7	Spottail Shiner		27		
3	2	White Perch		567		
4	3	Yellow Perch		118		
5	2	Spottail Shiner		18		
6	1	Lepomis sp.		4.0		
7	1	Bluegill		50		
8	1	Pumpkinseed		70		
9	1	Tessellated Darter		7.0		

END TIME: August 15, 1984 20:45
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.4 Hours
SAMPLE : 8241

REMARKS : Overwhelming pop'n of newly emerged mayflies on water surface; jar of mayflies kept

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	4	American Eel		2860		
2	1	Yellow Perch	262	187	3	
3	1	Smallmouth Bass	110	19	1	
4	1	Smallmouth Bass	113	21	1	
5	1	Smallmouth Bass	141	35	1	
6	1	Smallmouth Bass	126	28	1	
7	1	Smallmouth Bass	148	48	1	
8	1	Smallmouth Bass	201	100	2	
9	1	Smallmouth Bass	224	140	2	
10	1	Smallmouth Bass	224	143	2	3664
11	1	Smallmouth Bass	295	273	2	
12	6	White Sucker		5530		
13	1	Brown Bullhead	205	110		
14	1	White Sucker	415	941		
15	1	White Sucker	385	789		

END TIME: August 16, 1984
LOCATION: Bellows Falls
METHOD : Electrofishing
SAMPLE : 8242

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	230	175	2	
2	1	Smallmouth Bass	139	41	1	

END TIME: August 22, 1984 22:50
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 8243

REMARKS : Saved Shad, minnows, J.L.(fish#2-4) were mixed with fish from 8244 (listed as 8244 for all fish)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	9	White Sucker		8390		
2	22	Cyprinidae				
3	14	American shad				
4	4	Lepomis spp.				
5	1	Largemouth Bass				
6	1	Smallmouth Bass	128	29	1	
7	1	Smallmouth Bass	178	68	1	
8	1	White Perch	299	460	3	
9	1	Smallmouth Bass	310	228	3	

END TIME: August 22, 1984 00:10
LOCATION: Station 3 to Vernon Dam-Along NH Shore
METHOD : Electrofishing
SAMPLE : 8244

REMARKS : Saved Shad,minnows, Lepomis & SMB (fish #5-9) were mixed and preserved (accidently) with same species from 8243; fish #31-188 represent minnows and shad previously listed for collection 8243,8244

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	4	American Eel		340		
2	10	White Sucker		10060		
3	8	White Sucker		5560		
4	1	Northern Pike	715	1870		
9	7	Bluegill		1190		
10	1	White Sucker		1080		
11	1	Smallmouth Bass	136	127	1	
12	1	Smallmouth Bass	148	138	1	
13	1	Smallmouth Bass	288	318	3	
14	1	Smallmouth Bass	128	31	1	
15	1	Smallmouth Bass	208	114	2	
16	1	Smallmouth Bass	233	165	2	3575
17	1	Smallmouth Bass	234	171	2	3576
18	1	Smallmouth Bass	135	30	1	
19	1	Smallmouth Bass	121	17	1	
20	1	Smallmouth Bass	208	103	2	3577
21	1	Smallmouth Bass	206	112	2	
22	1	Smallmouth Bass	163	49	1	
23	1	White Sucker		675		
24	2	Rock Bass		283		
25	2	Bluegill		283		
26	1	Yellow Perch	72			
27	1	Yellow Perch	190	86	2	
31	1	American shad	85	6.6		
32	1	American shad	82	5.5		
33	1	American shad	75	4.9		
34	1	American shad	82	5.6		
35	1	American shad	89	7.3		
36	1	American shad	67	3.2		
37	1	American shad	89	7.7		
38	1	American shad	86	6.3		
39	1	American shad	83	5.8		
40	1	American shad	76	4.8		
41	1	American shad	83	5.9		
42	1	American shad	71	3.8		
43	1	American shad	79	5.2		
44	1	American shad	77	5.0		
45	1	American shad	73	4.2		
46	1	American shad	76	4.9		
47	1	American shad	85	6.5		
48	1	American shad	77	4.5		
49	1	American shad	79	5.1		
50	1	American shad	73	4.0		
51	1	American shad	68	3.5		
52	1	American shad	80	5.9		
53	1	American shad	80	5.9		
54	1	American shad	72	3.9		
55	1	American shad	79	5.2		
56	1	American shad	71	3.8		
57	1	American shad	80	5.8		
58	1	American shad	78	4.7		
59	1	American shad	75	4.3		
60	1	American shad	77	4.8		
61	1	American shad	71	4.0		
62	1	American shad	69	3.9		
63	1	American shad	75	4.6		

(CONTINUED)
END TIME: August 22, 1984 00:10
LOCATION: Station 3 to Vernon Dam-Along NH Shore
METHOD : Electrofishing
SAMPLE : 8244

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
64	1	American shad	66	3.3		
65	1	American shad	82	5.7		
66	1	American shad	84	6.6		
67	1	American shad	73	4.4		
68	1	American shad	84	6.5		
69	1	American shad	82	5.8		
70	1	American shad	80	5.8		
71	1	American shad	76	4.8		
72	1	American shad	82	5.8		
73	1	American shad	73	4.2		
74	1	American shad	79	5.1		
75	1	American shad	82	6.2		
76	1	American shad	74	4.2		
77	1	American shad	79	5.1		
78	1	American shad	81	5.5		
79	1	American shad	79	5.2		
80	1	American shad	85	6.1		
81	1	American shad	75	4.7		
82	1	American shad	88	7.0		
83	1	American shad	81	5.5		
84	1	American shad	90	7.5		
85	1	American shad	80	5.7		
86	1	American shad	76	5.2		
87	1	American shad	77	5.4		
88	1	American shad	81	6.2		
89	1	American shad	69	3.5		
90	1	American shad	77	4.8		
91	1	American shad	66	3.1		
92	1	American shad	81	5.8		
93	1	American shad	79	5.0		
94	1	American shad	73	4.0		
95	1	American shad	66	3.0		
96	1	American shad	75	7.7		
97	1	American shad	80	5.3		
98	1	American shad	75	4.8		
99	1	American shad	83	6.1		
100	1	American shad	76	4.6		
121	1	Smallmouth Bass	73	6.3		
122	1	Smallmouth Bass	73	6.0		
123	1	Smallmouth Bass	68	5.0		
124	1	Lepomis sp.	33	0.7		
125	1	Lepomis sp.	35	0.9		
126	1	Lepomis sp.	39	1.2		
127	1	Lepomis sp.	36	1.0		
128	1	Lepomis sp.	28	0.4		
129	1	Lepomis sp.	29	0.5		
130	1	Lepomis sp.	37	1.0		
131	1	Mimic Shiner	60			
132	1	Mimic Shiner	59	2.6		
133	1	Mimic Shiner	59	2.6		
134	1	Mimic Shiner	54	1.7		
135	1	Mimic Shiner	54	1.8		
136	1	Mimic Shiner	50	1.3		
137	1	Mimic Shiner	55	2.0		
138	1	Mimic Shiner	52	1.4		
139	1	Mimic Shiner	60	2.6		
140	1	Mimic Shiner	52	1.4		
141	1	Mimic Shiner	54	1.7		
142	1	Mimic Shiner	49	1.1		
143	1	Mimic Shiner	50	1.4		
144	1	Mimic Shiner	48	1.2		

(CONTINUED)
END TIME: August 22, 1984 00:10
LOCATION: Station 3 to Vernon Dam-Along NH Shore
METHOD : Electrofishing
SAMPLE : 8244

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
145	1	Mimic Shiner	55	1.8		
146	1	Mimic Shiner	53	1.3		
147	1	Mimic Shiner	55	2.3		
148	1	Mimic Shiner	55	1.7		
149	1	Mimic Shiner	53	1.7		
150	1	Mimic Shiner	51	1.3		
151	1	Mimic Shiner	54	1.9		
152	1	Mimic Shiner	53	1.7		
153	1	Mimic Shiner	49	1.2		
154	1	Mimic Shiner	48	1.2		
155	1	Mimic Shiner	52	1.7		
156	1	Mimic Shiner	54	1.5		
157	1	Mimic Shiner	63	2.6		
158	1	Mimic Shiner	49	1.3		
159	1	Mimic Shiner	47	1.2		
160	1	Mimic Shiner	53	1.3		
161	1	Mimic Shiner	61	2.6		
162	1	Mimic Shiner	48	1.2		
163	1	Mimic Shiner	53	1.7		
164	1	Mimic Shiner	62	2.5		
165	1	Mimic Shiner	58	2.2		
166	1	Mimic Shiner	60	2.3		
167	1	Mimic Shiner	52	1.5		
168	1	Mimic Shiner	52	1.3		
169	1	Mimic Shiner	54	1.9		
170	1	Mimic Shiner	53	1.6		
171	1	Mimic Shiner	58	2.2		
172	1	Mimic Shiner	53	1.4		
173	1	Mimic Shiner	48	1.2		
174	1	Mimic Shiner	50	1.4		
175	1	Mimic Shiner	50	1.4		
176	1	Mimic Shiner	54	1.6		
177	1	Mimic Shiner	52	1.4		
178	1	Mimic Shiner	51	1.5		
179	1	Spottail Shiner	86	6.0		
180	1	Spottail Shiner	81	5.4		
181	1	Spottail Shiner	81	5.6		
182	1	Spottail Shiner	79	4.6		
183	1	Spottail Shiner	80	5.8		
184	1	Spottail Shiner	41	0.6		
185	1	Spottail Shiner	43	0.9		
186	1	Spottail Shiner	45	0.9		
187	1	Spottail Shiner	33	0.4		
188	1	Mimic Shiner	54	1.6		

END TIME: August 23, 1984 10:20
LOCATION: Stebbin Island-New Hampshire Side
METHOD : 50' seine (1/4"bar), 0.2 Hours
SAMPLE : 8245

REMARKS : Boat seine, 200' upstream of island. Sample preserved.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	64	4.0		
2	1	Smallmouth Bass	52	2.3		
3	1	Smallmouth Bass	64	3.9		
4	1	Smallmouth Bass	68	4.8		
5	1	Smallmouth Bass	60	3.7		
6	1	Smallmouth Bass	67	4.7		
7	1	Smallmouth Bass	60	3.4		
8	1	Smallmouth Bass	62	3.7		
9	1	Smallmouth Bass	60	3.7		
10	1	Smallmouth Bass	52	2.3		
11	1	Smallmouth Bass	64	4.0		
12	1	Lepomis sp.	40	1.6		
13	1	White Sucker	72	5.5		
14	1	White Sucker	78	6.8		
15	1	White Sucker	80	7.6		

END TIME: August 23, 1984 11:20
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : 50' seine (1/4"bar), 0.2 Hours
SAMPLE : 8246

REMARKS : Sample preserved.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Largemouth Bass	162	71		
2	1	Spottail Shiner	81	5.4		
3	1	Smallmouth Bass	57	3.0		
4	1	Spottail Shiner	43	0.8		
5	1	Spottail Shiner	43	0.9		
6	1	Spottail Shiner	35	0.4		
7	1	Spottail Shiner	36	0.5		
8	1	Spottail Shiner	31	0.3		
9	1	Spottail Shiner	31	0.4		
10	1	Spottail Shiner	31	0.2		
11	1	Spottail Shiner	38	0.6		
12	1	Spottail Shiner	33	0.4		
13	1	Mimic Shiner	31	0.2		
14	1	Mimic Shiner	31	0.3		
15	1	Mimic Shiner	30	0.2		
16	1	Mimic Shiner	30	0.2		
17	1	Mimic Shiner	32	0.2		
18	1	Mimic Shiner	30	0.3		
19	1	Mimic Shiner	30	0.2		
20	1	Mimic Shiner	30	0.2		
21	1	Mimic Shiner	30	0.2		
22	1	Mimic Shiner	28	0.2		
23	1	Mimic Shiner	32	0.2		
24	1	Mimic Shiner	32	0.3		
25	1	Mimic Shiner	34	0.3		
26	1	Mimic Shiner	29	0.2		
27	1	Mimic Shiner	30	0.2		
28	1	Mimic Shiner	27	0.2		
29	1	Mimic Shiner	25	0.1		
31	1	Spottail Shiner	28	0.2		
32	50	Cyprinidae		3.2		
33	22	Mimic Shiner		4.7		
34	1	Mimic Shiner	33	0.4		
35	1	Mimic Shiner	22	0.0		
36	1	Mimic Shiner	27	0.1		
37	1	Mimic Shiner	20	0.0		
38	1	Mimic Shiner	30	0.2		
39	1	Mimic Shiner	28	0.1		
40	1	Mimic Shiner	17	0.0		
41	1	Mimic Shiner	34	0.3		
42	1	Mimic Shiner	28	0.2		
43	1	Mimic Shiner	27	0.1		
44	1	Mimic Shiner	27	0.1		
45	1	Mimic Shiner	29	0.1		
46	1	Mimic Shiner	25	0.1		
47	1	Mimic Shiner	28	0.2		
48	1	Mimic Shiner	26	0.1		

END TIME: September 4, 1984 19:10
LOCATION: Station 4-Vermont
METHOD : Shad net, 0.2 Hours
SAMPLE : 8256

REMARKS : Along east shore from dam north to VY discharge; no catch

---

END TIME: September 4, 1984 19:25
LOCATION: Vermont Yankee Boat Launch
METHOD : Shad net, 0.2 Hours
SAMPLE : 8257

REMARKS : Discharge to intake along east shore; no catch

END TIME: September 5, 1984 10:45
LOCATION: 4.6-NH
METHOD : Trap net, 17.5 Hours
SAMPLE : 8247

REMARKS : Station 4-NH north

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	134	46		
2	1	Yellow Perch	145	28	1	
3	1	Yellow Perch	143	27	1	
4	1	Yellow Perch	140	30	1	
5	1	Bluegill	54	2.0		
6	1	Bluegill	62	4.0		
7	1	Micropterus sp.	85	7.0		
8	1	Micropterus sp.	75	4.0		
9	1	Spottail Shiner	117	13		
10	1	Spottail Shiner	100	8.0		

END TIME: September 5, 1984 10:30
LOCATION: 4.7-NH
METHOD : Trap net, 17.0 Hours
SAMPLE : 8248

REMARKS : Station 4-NH south

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	272	295	5	
2	1	Pumpkinseed	151	76		
3	1	Yellow Perch	165	45	2	
4	1	Smallmouth Bass	246	197		2949
5	1	Spottail Shiner	100	9.0		
6	1	Spottail Shiner	101	10		
7	1	Spottail Shiner	97	9.0		
8	1	Spottail Shiner	98	9.0		
9	1	Spottail Shiner	92	7.0		
10	9	Spottail Shiner		74		
11	1	Yellow Perch	89	8.0		

END TIME: September 5, 1984 09:30
LOCATION: 4.1-VT
METHOD : Trap net, 16.8 Hours
SAMPLE : 8249

REMARKS : Near discharge

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	248	236	4	
2	1	White Perch	192	91	1	
3	1	White Perch	187	86	1	
4	1	White Perch	199	105	2	
5	1	White Perch	254	279	4	
6	1	White Perch	184	82	2	
7	1	White Perch	239	241	4	
8	1	Bluegill	173	110		
9	1	Bluegill	239	394		
10	1	Smallmouth Bass	260	206	2	2950
11	1	Bluegill	205	206		

END TIME: September 5, 1984 10:00
LOCATION: 4.2-VT
METHOD : Trap net, 17.0 Hours
SAMPLE : 8250

REMARKS : Station 4-VT south; no catch

END TIME: September 5, 1984 11:30
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 17.8 Hours
SAMPLE : 8251

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	270	330	6	
2	1	Pumpkinseed	142	58		
3	1	Pumpkinseed	142	56		
4	1	Pumpkinseed	178	128		
5	1	Pumpkinseed	156	80		
6	1	Pumpkinseed	162	91		
7	1	Rock Bass	160	82		
8	1	Yellow Perch	143	28	1	
9	1	Yellow Perch	206	100	4	
10	1	Yellow Perch	272	223	4	
11	1	Yellow Perch	228	130	3	
12	1	Yellow Perch	225	130	3	
13	1	Yellow Perch	249	170	4	
14	1	Yellow Perch	190	75	2	
15	1	Yellow Perch	195	86		
16	1	Yellow Perch	223	113	4	
17	1	Yellow Perch	223	125	3	
18	1	Yellow Perch	180	67	2	
19	1	Yellow Perch	144	36		
20	1	Yellow Perch	136	28	1	

END TIME: September 5, 1984 14:15
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 20.3 Hours
SAMPLE : 8252

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	172	111		
2	1	Rock Bass	121	41		

END TIME: September 5, 1984 14:45
LOCATION: Station 5-Vermont
METHOD : Trap net, 20.5 Hours
SAMPLE : 8253

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	295	334	4	2947
2	1	Smallmouth Bass	284	290	5	2948
3	1	Smallmouth Bass	335	435		2945

END TIME: September 5, 1984 15:00
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 20.5 Hours
SAMPLE : 8254

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Spottail Shiner	101	9.0		
2	1	Spottail Shiner	99	8.0		
3	1	Yellow Perch	91	8.0		
4	1	Yellow Perch	90	7.0		
5	1	Yellow Perch	154	45	1	
6	1	Yellow Perch	141	36	1	
7	1	Yellow Perch	90	7.0	1	
8	1	Smallmouth Bass	82	6.0		
9	1	Smallmouth Bass	80	6.0		
10	1	Smallmouth Bass	89	8.0		
11	1	Smallmouth Bass	90	8.0		
12	1	Smallmouth Bass	83	7.0		
13	1	Smallmouth Bass	91	9.0		
14	1	Smallmouth Bass	96	10		

END TIME: September 5, 1984 15:30
LOCATION: Rum Point
METHOD : Trap net, 20.8 Hours
SAMPLE : 8255

REMARKS : No catch

END TIME: September 5, 1984 13:00
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 22.0 Hours
SAMPLE : 8265

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	302	425	4	
2	1	White Perch	300	388	5	
3	1	White Perch	315	479	5	
4	1	Yellow Perch	139	32	1	
5	1	Yellow Perch				
6	1	Smallmouth Bass	350	510	5	2939

END TIME: September 6, 1984 10:20
LOCATION: 4.6-NH
METHOD : Trap net, 23.6 Hours
SAMPLE : 8258

REMARKS : Station 4 NH north

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	275	335	4	
2	1	Pumpkinseed	131	46		

END TIME: September 6, 1984 09:45
LOCATION: 4.7-NH
METHOD : Trap net, 23.3 Hours
SAMPLE : 8259

REMARKS : Station 4 NH south

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	285	318	6	
2	1	White Perch	282	353	4	
3	1	Yellow Perch	240	160	4	
4	1	Yellow Perch	203	89	2	
5	1	Smallmouth Bass	285	304	3	2944

END TIME: September 6, 1984 09:15
LOCATION: 4.1-VT
METHOD : Trap net, 23.8 Hours
SAMPLE : 8260

REMARKS : Station 4 VT north near discharge

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	280	318	3	
2	1	White Perch	226	179	2	
3	1	White Perch	185	93	1	
4	1	Yellow Perch	210	88	3	
5	1	Pumpkinseed	155	74		
6	1	White Sucker	435	867		
7	1	White Sucker	442	876		

END TIME: September 6, 1984 09:30
LOCATION: 4.2-VT
METHOD : Trap net, 23.5 Hours
SAMPLE : 8261

REMARKS : Station 4 VT south; no catch

END TIME: September 6, 1984 11:10
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 23.7 Hours
SAMPLE : 8262

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	342	238	2	
2	1	Walleye	338	296	1	
3	1	Smallmouth Bass	389	796	5	2943
4	1	White Perch	289	348	6	
5	1	White Perch	280	343	4	
6	1	White Perch	264	270		
7	1	White Perch	251	231	4	
8	1	White Perch	279	313	5	
9	1	White Perch	277	353	6	
10	1	White Perch	286	318	4	
11	1	Yellow Perch	189	70	2	
12	1	Yellow Perch	225	128	3	
13	1	Yellow Perch	251	178	4	
14	1	Yellow Perch	233	134	3	
15	1	Yellow Perch	201	85	2	
16	1	Yellow Perch	228	138	3	
17	1	Yellow Perch	228	124	3	
18	1	Yellow Perch	333	131	5	
19	1	Yellow Perch	222	122	4	
20	1	Yellow Perch	225	128	4	
21	1	Yellow Perch	247	175	5	
22	1	Yellow Perch	208	95	3	
23	1	Yellow Perch	223	123	4	
24	1	Yellow Perch	175	58	2	
25	1	Yellow Perch	201	93	3	
26	1	Yellow Perch	212	111	3	
27	1	Yellow Perch	253	180	3	
28	1	Yellow Perch	201	79	2	
29	1	Yellow Perch	194	82	2	
30	1	Yellow Perch	229	137	3	
31	1	Yellow Perch	229	133	3	
32	1	Yellow Perch	131	21	1	
33	1	Yellow Perch	205	95	3	
34	1	Yellow Perch	198	78	2	
35	1	Pumpkinseed	147	73		
36	1	White Sucker	486	905		
37	1	White Sucker	370	533		
38	1	White Sucker	460	970		
39	1	White Sucker	380	575		
40	1	White Sucker	505	1130		
41	14	White Sucker		10320		

END TIME: September 6, 1984 12:00
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 21.8 Hours
SAMPLE : 8263

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	175	125		
2	1	Smallmouth Bass	160	49	1	
3	1	Smallmouth Bass	319	370	4	2942
4	1	Micropterus sp.	245	186		
5	1	Smallmouth Bass	255	209	2	2940
6	1	Micropterus sp.	174	66		
7	1	Rock Bass	145	66		
8	1	Rock Bass	205	165		
9	1	Pumpkinseed	158	96		
10	1	Yellow Perch	214	117	3	
11	1	American Eel		340		

END TIME: September 6, 1984 12:25
LOCATION: Station 5-Vermont
METHOD : Trap net, 21.7 Hours
SAMPLE : 8264

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	299	401	5	
2	1	White Perch	260	263	3	
3	1	Yellow Perch	205	108	2	
4	1	Yellow Perch	187	67	2	
5	1	Micropterus sp.	122	30		
6	1	Pumpkinseed	100	25		
7	1	Pumpkinseed	132	50		
8	1	White Sucker	493	1180		
9	1	Rock Bass	55	3.0		

END TIME: September 6, 1984 13:15
LOCATION: Rum Point
METHOD : Trap net, 21.8 Hours
SAMPLE : 8266

REMARKS : No catch

END TIME: September 6, 1984 09:45
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 17.3 Hours
SAMPLE : 8267

REMARKS : N.H. side

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	292	283	2	3624
2	1	Micropterus sp.	240	164		
3	1	Micropterus sp.	163	52		
4	1	Rock Bass	192	148		
5	1	Bluegill	210	208		
6	1	Bluegill	204	206		
7	1	Bluegill	207	210		
8	1	Bluegill	200	199		
9	1	Bluegill	211	229		
10	1	Bluegill	185	137		
11	1	Pumpkinseed	160	103		
12	1	Pumpkinseed	168	123		
13	1	Pumpkinseed	165	109		
14	1	Pumpkinseed	192	160		
15	1	American Eel		226		
16	1	Brown Bullhead	292	343		
17	1	Brown Bullhead	262	228		
18	1	Brown Bullhead	228	153		
19	1	Brown Bullhead	266	267		
20	1	White Sucker	438	881		

END TIME: September 7, 1984 10:30
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 17.8 Hours
SAMPLE : 8268

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	282	299	3	3623
2	1	Smallmouth Bass	244	183	2	3622
3	1	Micropterus sp.	234	148		
4	1	Micropterus sp.	221	135		
5	1	Micropterus sp.	220	142		
6	1	Micropterus sp.	234	166		
7	1	Micropterus sp.	220	124		
8	1	Micropterus sp.	221	133		
9	1	Micropterus sp.	213	128		
10	1	Micropterus sp.	212	118		
11	1	Micropterus sp.	176	68		
12	1	Micropterus sp.	206	112		
13	1	Micropterus sp.	156	50		
14	1	Bluegill	216	242		
15	1	Bluegill	194	182		
16	1	Bluegill	202	185		
17	1	Bluegill	206	185		
18	1	Bluegill	224	152		
19	1	Bluegill	220	248		
20	1	Bluegill	194	152		
21	1	Bluegill	142	62		
22	1	Bluegill	176	140		
23	1	Bluegill	111	30		
24	1	Pumpkinseed	139	60		
25	1	Pumpkinseed	183	157		
26	1	Rock Bass	202	175		
27	1	Rock Bass	218	220		
28	1	Rock Bass	182	122		
29	1	Rock Bass	160	83		
30	1	White Sucker	458	952		

END TIME: September 7, 1984 10:20
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 17.3 Hours
SAMPLE : 8269

REMARKS : 1 Shad preserved

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	244	305		
2	1	Rock Bass	212	201		
3	1	Spottail Shiner	98	8.0		
4	1	American shad	90	6.0		
5	1	American shad	88	6.0		
6	1	American shad	91	7.0		
7	1	American shad	101	8.0		
8	1	American shad	90	6.0		
9	1	American shad	86	5.0		
10	1	White Sucker	475	985		
11	1	White Sucker	485	1170		

END TIME: September 7, 1984 11:45
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 18.5 Hours
SAMPLE : 8270

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	212	192		
2	1	Rock Bass	230	227		
3	1	Smallmouth Bass	315	377	4	3621

END TIME: September 7, 1984 12:15
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 18.5 Hours
SAMPLE : 8271

REMARKS : Station 2 north of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	313	452	4	3620
2	1	Smallmouth Bass	280	273	5	3619
3	1	Rock Bass	161	81		
4	1	White Perch	251	243	2	
5	1	White Sucker	465	1110		

END TIME: September 7, 1984 12:45
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 18.8 Hours
SAMPLE : 8272

REMARKS : Station 2 south of island; no catch

END TIME: September 7, 1984 08:30
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 22.5 Hours
SAMPLE : 8273

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	442	900		
2	1	Brown Bullhead	223	162		
3	1	Smallmouth Bass	343	494	5	3617
4	1	Rock Bass	150	70		
5	1	Bluegill	205	200		
6	1	Bluegill	188	175		
7	1	Bluegill	210	239		
8	1	Bluegill	175	153		
9	1	Bluegill	215	239		
10	1	Bluegill	203	223		
11	1	Bluegill	171	144		
12	1	Bluegill	198	210		
13	1	Bluegill	205	197		
14	1	Bluegill	210	123		
15	1	Bluegill	200	194		
16	1	Bluegill	185	167		
17	1	Bluegill	203	189		
18	1	Bluegill	200	207		
19	1	Bluegill	220	274		
20	1	Bluegill	223	236		
21	1	Bluegill	195	194		
22	1	Bluegill	210	205		
23	1	Bluegill	222	272		
24	1	Bluegill	206	238		
25	1	Bluegill	205	180		
26	1	Pumpkinseed	155	88		
27	1	Pumpkinseed	172	130		
28	1	Pumpkinseed	160	98		
29	1	Pumpkinseed	160	95		
30	1	Pumpkinseed	162	99		
31	1	Pumpkinseed	166	102		

END TIME: September 8, 1984 09:00
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 22.3 Hours
SAMPLE : 8274

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	222	208	2	
2	1	Smallmouth Bass	330	436	5	3616
3	1	Smallmouth Bass	290	293		3615
4	1	Rock Bass	181	117		
5	1	Bluegill	212	249		
6	1	Bluegill	216	260		
7	1	Bluegill	212	225		
8	1	Bluegill	202	191		
9	1	Bluegill	191	194		
10	1	Bluegill	203	175		
11	1	Bluegill	205	194		
12	1	White Sucker	473	1040		
13	1	White Sucker	435	850		
14	1	White Sucker	420	760		

END TIME: September 8, 1984 09:20
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 22.6 Hours
SAMPLE : 8275

REMARKS : No catch

END TIME: September 8, 1984 09:50
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 21.8 Hours
SAMPLE : 8276

REMARKS : No catch

END TIME: September 8, 1984 10:10
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 21.7 Hours
SAMPLE : 8277

REMARKS : Station 2 north of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	287	315	4	3600
2	1	Pumpkinseed	131	48		

END TIME: September 8, 1984 10:25
LOCATION: Approximately 4.2 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 21.4 Hours
SAMPLE : 8278

REMARKS : Station 2 south of island.

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	220	224		
2	1	Rock Bass	213	198		
3	1	Rock Bass	209	210		
4	1	Rock Bass	180	120		
5	1	Smallmouth Bass	275	258	4	3601
6	1	Smallmouth Bass	300	286	4	3602
7	1	Micropterus sp.	83	8.0		
8	1	Micropterus sp.	89	9.0		

END TIME: September 10, 1984 19:45
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8279

REMARKS : Vernon dam to discharge VT; no catch

END TIME: September 10, 1984 20:05
LOCATION: Vermont Yankee Boat Launch
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8280

REMARKS : VY discharge to VY stack

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	173	64		

END TIME: September 10, 1984 20:30
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8281

REMARKS : VY stack to station 5

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	499	962	3	
2	6	White Sucker		2040		
3	5	White Perch		1130		
4	1	Walleye	415	560	2	
5	1	White Perch	111	20		
6	2	Pumpkinseed		232		
7	2	Yellow Perch		224		
8	1	Golden Shiner	140	29		
9	1	Smallmouth Bass	108	14	1	
10	1	Smallmouth Bass	179	69	2	
11	1	Smallmouth Bass	205	114	1	2801
12	1	Spottail Shiner	95	6.0		
13	1	Carp		4990		
14	1	Carp	610	3630		

END TIME: September 10, 1984 21:20
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8282

REMARKS : Station 5 to NH setback point

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		793		
2	1	Carp	415	1500		
3	1	Walleye	455	758	3	
4	1	Walleye	312	244	3	
5	5	White Perch		1470		
6	1	Walleye	395	540	3	
7	4	Yellow Perch		102		
8	3	Pumpkinseed		105		
9	1	Bluegill	129	70		
10	1	Banded Killifish	67	5.0		
11	2	Spottail Shiner		23		
12	1	Smallmouth Bass	80	9.0		
13	1	Smallmouth Bass	200	111		2802
14	1	Largemouth Bass	410	912	6	
15	2	White Sucker		1470		

END TIME: September 12, 1984 19:30
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 8299

REMARKS : Vernon dam to ledge NH shore

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	445	700	4	
2	1	Smallmouth Bass	183	76	2	
3	1	Largemouth Bass	348	614	4	
4	1	Smallmouth Bass	79	7.0		
5	19	Yellow Perch		907		
6	8	Pumpkinseed		340		
7	1	Yellow Perch	205	83		
8	22	Cyprinidae		201		
9	1	Yellow Perch	144	31		
10	6	White Perch		218		
11	1	Bluegill	51	4.0		
12	1	Golden Shiner	190	76		
13	1	White Sucker	244	155		

END TIME: September 12, 1984 20:20
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8300

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	495	973	5	
2	1	Smallmouth Bass	210	322	4	2803
3	1	Smallmouth Bass	180	70	2	
4	1	Smallmouth Bass	144	42	1	
5	1	Largemouth Bass	220	148	2	
6	1	Largemouth Bass	207	121	2	
7	1	Largemouth Bass	279	314	3	
8	1	Largemouth Bass	230	188	3	
9	1	Largemouth Bass	299	400	4	
10	1	Largemouth Bass	247	225	3	
11	1	Largemouth Bass	258	234	3	
12	1	Largemouth Bass	250	239	4	
13	1	Largemouth Bass	265	274	4	
14	1	Largemouth Bass	244	220	3	
15	1	Largemouth Bass	285	334	4	
16	1	Largemouth Bass	248	243	3	
17	1	Largemouth Bass	250	238	2	
18	1	Largemouth Bass	235	185	2	
19	12	White Perch		1360		
20	10	Bluegill		680		
21	12	Pumpkinseed		254		
22	1	Yellow Perch	284	251		
23	9	Yellow Perch		379		
24	2	Golden Shiner		53		
25	1	Rock Bass	115	29		
26	4	Cyprinidae		36		
27	2	White Sucker		1020		
28	1	Carp	680	5900		
29	1	Carp	740	6690		

END TIME: September 12, 1984 22:05
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8301

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	2	American Eel		226		
2	5	White Sucker		4990		
3	5	White Sucker		4540		
4	3	White Sucker		2840		
6	1	Fallfish	220	105		
7	1	Smallmouth Bass	282	283	4	3674
8	1	Smallmouth Bass	342	488	3	3673
9	1	Smallmouth Bass	300	346	3	3672
10	1	Smallmouth Bass	251	215	2	3671
11	1	Smallmouth Bass	175	78	1	
12	1	Smallmouth Bass	91	13		
13	1	Smallmouth Bass	81	10		
14	1	Smallmouth Bass	75	8.0		
15	1	Yellow Perch	282	315		
16	5	Bluegill		793		
17	1	American shad	78	4.5		
18	1	American shad	94	8.0		
19	1	American shad	97	8.6		
20	1	American shad	96	7.7		
21	1	American shad	89	7.5		
22	1	American shad	99	9.6		

END TIME: September 12, 1984 20:50
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8302

REMARKS : No catch

END TIME: September 12, 1984 21:35
LOCATION: Station 3
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8303

REMARKS : Startion 3 to vernon dam NH

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American Eel		226		
2	1	White Sucker		1590		
3	1	Smallmouth Bass	145	40	1	
4	1	Smallmouth Bass	85	8.0		
5	1	Smallmouth Bass	151	44	1	
6	1	Pumpkinseed	135	54		
7	2	Bluegill		189		

END TIME: September 20, 1984 22:30
LOCATION: Stebbin Island
METHOD : Electrofishing, 3.0 Hours
SAMPLE : 8311

REMARKS : All Shad lengths and weights were on preserved fish

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
10	1	American shad	89	5.8		
11	1	American shad	89	6.4		
12	1	American shad	95	6.9		
13	1	American shad	88	5.3		
14	1	American shad	96	7.8		
15	1	American shad	96	8.4		
16	1	American shad	94	6.5		
17	1	American shad	98	8.4		
18	1	American shad	97	8.7		
19	1	American shad	91	6.2		
20	1	American shad	92	6.7		
21	1	American shad	102	9.3		
22	1	American shad	84	5.1		
23	1	American shad	105	11		
24	1	American shad	96	7.8		
25	1	American shad	90	5.7		
26	1	American shad	99	7.9		
27	1	American shad	95	6.8		
28	1	American shad	90	6.1		
29	1	American shad	97	8.1		
30	1	American shad	90	6.6		
31	1	American shad	88	6.4		
32	1	American shad	94	7.7		
33	1	American shad	103	11		
34	1	American shad	95	7.3		
35	1	American shad	89	5.5		
36	1	American shad	92	6.1		
37	1	American shad	90	6.2		
38	1	American shad	93	7.0		
39	1	American shad	94	7.0		
40	1	American shad	93	5.9		
41	1	American shad	95	7.0		
42	1	American shad	97	7.3		
43	1	American shad	87	5.9		
44	1	American shad	95	7.8		
45	1	American shad	85	5.9		

END TIME: September 27, 1984 21:45
LOCATION: Stebbin Island to Station 3
METHOD : Electrofishing, 2.8 Hours
SAMPLE : 8312

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	American shad	101	9.4		
2	1	American shad	103	10		
4	1	American shad	96	8.0		
5	1	American shad	99	9.0		
6	1	American shad	93	8.2		
7	1	American shad	91	7.2		
8	1	American shad	100	8.9		

(CONTINUED)
END TIME: September 27, 1984 21:45
LOCATION: Stebbin Island to Station 3
METHOD : Electrofishing, 2.8 Hours
SAMPLE : 8312

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
9	1	American shad	90	6.5		
10	1	American shad	92	7.3		
11	1	American shad	90	6.7		
12	1	American shad	97	8.2		
13	1	American shad	93	7.1		
14	1	American shad	105	11		
15	1	American shad	94	8.1		
16	1	American shad	92	7.2		
17	1	American shad	97	8.5		
18	1	American shad	97	8.0		
19	1	American shad	105	11		
20	1	American shad	94	7.9		
21	1	American shad	94	7.8		
22	1	American shad	95	7.7		
23	1	American shad	93	7.3		
24	1	American shad	91	6.9		
25	1	American shad	94	7.8		
26	1	American shad	94	8.1		
27	1	American shad	93	7.2		
28	1	American shad	93	7.3		
29	1	American shad	91	6.9		
30	1	American shad	98	9.4		
31	1	American shad	94	7.7		
32	1	American shad	99	9.0		
33	1	American shad	99	8.7		
34	1	American shad	91	7.5		
35	1	American shad	97	8.3		
36	1	American shad	100	9.3		
37	1	American shad	90	6.7		
38	1	American shad	96	7.6		
39	1	American shad	97	8.5		
40	1	American shad	92	8.2		
41	1	American shad	90	6.3		
42	1	American shad	100	9.4		
43	1	American shad	105	10		
44	1	American shad	98	8.9		
45	1	American shad	98	8.8		
46	1	American shad	92	6.9		
47	1	American shad	100	9.7		
48	1	American shad	95	8.6		
49	1	American shad	95	8.2		
50	1	American shad	97	8.7		
51	1	American shad	98	8.9		
52	1	American shad	98	8.3		
53	1	American shad	93	7.2		
54	1	American shad	97	8.4		
55	1	American shad	100	9.5		
56	1	American shad	99	8.7		
57	1	American shad	98	8.8		
58	1	American shad	90	7.0		
59	1	American shad	99	8.5		
60	1	American shad	98	8.4		
61	1	American shad	95	7.7		
62	1	American shad	98	8.6		
63	1	American shad	92	7.1		
64	1	American shad	90	6.3		
65	1	American shad	94	7.6		
66	1	American shad	95	7.8		

END TIME: October 4, 1984 22:00
LOCATION: Stebbin Island to Vernon Dam
METHOD : Electrofishing, 3.3 Hours
SAMPLE : 8313

REMARKS : 25 Shad preserved - BLN 2443

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
31	1	American shad	117	9.9	--	
32	1	American shad	100	7.9		
33	1	American shad	101	9.0		
34	1	American shad	92	6.5		
35	1	American shad	97	7.7		
36	1	American shad	100	8.0		
37	1	American shad	96	7.2		
38	1	American shad	100	8.1		
39	1	American shad	100	8.4		
40	1	American shad	93	7.3		
41	1	American shad	97	8.6		
42	1	American shad	99	8.0		
43	1	American shad	100	8.5		
44	1	American shad	95	7.5		
45	1	American shad	97	8.0		
46	1	American shad	97	7.5		
47	1	American shad	98	8.5		
48	1	American shad	92	6.4		
49	1	American shad	98	8.4		
50	1	American shad	99	8.7		
51	1	American shad	96	7.6		
52	1	American shad	95	7.6		
53	1	American shad	95	7.8		
54	1	American shad	95	7.6		
55	1	American shad	95	8.0		
56	1	American shad	91	6.4		

END TIME: October 9, 1984 14:55
LOCATION: 4.1-VT
METHOD : Trap net, 22.4 Hours
SAMPLE : 8314

REMARKS : Station 4 VT north; reset

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	178	113		
2	1	Rock Bass	120	27		
3	1	Rock Bass	118	28		

END TIME: October 9, 1984 14:45
LOCATION: 4.2-VT
METHOD : Trap net, 22.0 Hours
SAMPLE : 8315

REMARKS : Station 4 VT south; reset

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	225	115	3	

END TIME: October 9, 1984 14:15
LOCATION: 4.6-NH
METHOD : Trap net, 21.3 Hours
SAMPLE : 8316

REMARKS : Station 4 NH north; reset

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	194	75	2	
2	1	Yellow Perch	235	146	3	
3	6	Golden Shiner		54		

END TIME: October 9, 1984 14:30
LOCATION: 4.7-NH
METHOD : Trap net, 21.3 Hours
SAMPLE : 8317

REMARKS : Station 4 NH south; reset

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	485	900	4	
2	1	Walleye	450	825	3	
3	1	Walleye	420	610	2	
4	1	Yellow Perch	240	150	2	
5	1	White Perch	94	8.0		
6	1	White Perch	95	8.0		
7	1	White Perch	92	7.0		

END TIME: October 9, 1984 13:45
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 20.3 Hours
SAMPLE : 8318

REMARKS : Reset

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	372	695	3	2816
2	1	Smallmouth Bass	373	668	4	2815
3	1	Walleye	650	2720	4	
4	1	Yellow Perch	154	36	1	
5	1	Yellow Perch	147	28	1	
6	1	White Perch	282	348	5	
7	1	White Perch	90	10		
8	1	Pumpkinseed	187	161		
9	1	Pumpkinseed	160	88		
10	1	Pumpkinseed	150	80		
11	1	Pumpkinseed	112	27		
12	9	Pumpkinseed		285		

END TIME: October 9, 1984 13:40
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 20.2 Hours
SAMPLE : 8319

REMARKS : No catch

END TIME: October 9, 1984 12:30
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 18.8 Hours
SAMPLE : 8320

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	255	262	4	
2	1	White Perch	262	260	3	
3	1	White Perch	194	108	2	
4	1	White Sucker	510	1250		
5	1	White Sucker	440	907		
6	1	White Sucker	425	850		
7	1	White Sucker	450	907		
8	1	White Sucker	470	1130		
9	1	White Sucker	385	567		
10	1	White Sucker	392	567		
11	1	Golden Shiner	184	66		
12	1	Golden Shiner	173	59		
13	1	Golden Shiner	162	46		
14	1	Golden Shiner	142	31		
15	1	Golden Shiner	128	19		
16	1	Golden Shiner	176	59		
17	1	Golden Shiner	210	111		
18	1	Golden Shiner	195	75		
19	1	Golden Shiner	105	10		
20	1	Golden Shiner	160	47		
21	1	Golden Shiner	142	27		
22	1	Golden Shiner	126	20		
23	5	Spottail Shiner		49		
24	1	Rock Bass	188	124		
25	1	Smallmouth Bass	324	474		2819
26	1	Smallmouth Bass	254	210	2	2818
27	1	Smallmouth Bass	480	1470		2817
28	1	Yellow Perch	162	35	1	
29	1	Yellow Perch	208	96	1	
30	1	Yellow Perch	185	63	2	
31	1	Yellow Perch	214	111	2	
32	1	Yellow Perch	142	18	1	
33	1	Yellow Perch	253	186	4	
34	1	Yellow Perch	188	75	1	
35	1	Yellow Perch	158	38	1	
36	1	Yellow Perch	200	88	1	
37	1	Yellow Perch	185	74	2	
38	1	Yellow Perch	147	33	1	
39	1	Yellow Perch	170	54	2	
40	1	Yellow Perch	190	75	1	
41	1	Yellow Perch	145	29	1	
42	1	Yellow Perch	151	30	1	
43	1	Yellow Perch	195	71	1	
44	78	Pumpkinseed		4200		

END TIME: October 9, 1984 11:30
LOCATION: Station 5-Vermont
METHOD : Trap net, 17.5 Hours
SAMPLE : 8321

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	321	424	3	1073
2	1	Smallmouth Bass	285	270	2	2824
3	1	Smallmouth Bass	342	530	4	2822
4	1	Smallmouth Bass	292	330	2	2821
5	1	Rock Bass	231	279		
6	1	White Perch	275	316	4	
7	1	White Perch	255	320	3	
8	1	White Perch	280	333	3	
9	1	White Perch	272	300	3	
10	1	White Perch	250	255	2	
11	1	White Perch	225	135	1	
12	1	Yellow Perch	146	30	1	
13	1	Yellow Perch	212	110	1	
14	1	Yellow Perch	257	209	3	
15	1	Yellow Perch	278	262	3	
16	1	Yellow Perch	288	271	3	
17	1	Yellow Perch	232	150		
18	1	Yellow Perch	220	135	2	
19	1	Yellow Perch	208	93	2	
20	1	Yellow Perch	194	74	2	
21	1	Yellow Perch	210	98	2	
22	1	Yellow Perch	182	74	1	
23	1	White Sucker	444	794		
24	1	White Sucker	452	1060		
25	1	White Sucker	484	1190		
26	1	White Sucker	512	1130		
27	1	White Sucker	478	964		
28	1	White Sucker	500	1130		

END TIME: October 9, 1984 11:15
LOCATION: Rum Point
METHOD : Trap net, 17.0 Hours
SAMPLE : 8322

REMARKS : Reset

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	148	62		
2	1	Rock Bass	114	26		
3	1	Rock Bass	110	22		
4	1	Rock Bass	105	19		

END TIME: October 9, 1984 10:45
LOCATION: Station 8
METHOD : Trap net, 16.0 Hours
SAMPLE : 8323

REMARKS : Set for radiation test fish; no catch; reset

END TIME: October 10, 1984 09:50
LOCATION: 4.1-VT
METHOD : Trap net, 18.9 Hours
SAMPLE : 8324

REMARKS : Station 4 Vermont north; near discharge

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	326	440	3	2814
2	1	Smallmouth Bass	267	260	3	213
3	1	Smallmouth Bass	265	253	4	2670
4	1	Smallmouth Bass	180	85	1	
5	1	Rock Bass	185	121		
6	1	Rock Bass	177	105		
7	1	Rock Bass	109	27		
8	1	Rock Bass	154	72		
9	1	Rock Bass	124	41		
10	1	Rock Bass	98	21		
11	1	Pumpkinseed	157	88		

END TIME: October 10, 1984 10:15
LOCATION: 4.2-VT
METHOD : Trap net, 19.5 Hours
SAMPLE : 8325

REMARKS : Station 4 VT south; usually VT 4 north

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	210	88	2	

END TIME: October 10, 1984 10:30
LOCATION: 4.2-VT
METHOD : Trap net, 20.0 Hours
SAMPLE : 8326

REMARKS : Station 4 NH south

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	330	494	4	2812
2	1	Yellow Perch	262	200	4	
3	1	Yellow Perch	288	128	3	
4	1	Yellow Perch	264	203	3	
5	1	Yellow Perch	190	74	2	
6	1	Yellow Perch	170	45	1	
7	1	Pumpkinseed	161	86		
8	1	Rock Bass	156	66		
9	1	Rock Bass	124	36		
10	1	Pumpkinseed	120	34		
11	1	White Perch	196	102	2	
12	1	Golden Shiner	151	32		
13	1	Rock Bass	116	34		
14	1	Spottail Shiner	107	9.0		
15	1	Spottail Shiner	107	9.0		

END TIME: October 10, 1984 11:00
LOCATION: 4.6-NH
METHOD : Trap net, 20.8 Hours
SAMPLE : 8327

REMARKS : Station 4 NH north

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	175	116		
2	1	Walleye	395	479	3	2811
3	1	Pumpkinseed	123	37		
4	1	Yellow Perch	145	30	1	
5	1	Spottail Shiner	104	11		
6	1	Spottail Shiner	100	10		
7	1	Spottail Shiner	105	11		
8	1	Spottail Shiner	109	12		
9	1	Spottail Shiner	105	11		
10	1	Yellow Perch	105			

END TIME: October 10, 1984 11:15
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Trap net, 21.5 Hours
SAMPLE : 8328

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	457	795	4	2810
2	1	Smallmouth Bass	315	380	4-	950
3	1	Smallmouth Bass	376	605	4	2809
4	1	White Perch	256	270	4	
5	1	White Perch	257	260	4	
6	1	White Perch	253	232	3	
7	1	Pumpkinseed	180	146		
8	1	Pumpkinseed	110	26		
9	1	Yellow Perch	257	200	4	
10	1	Yellow Perch	210	81		
11	1	Yellow Perch	224	127	4	
12	1	Yellow Perch	276	270	4	
13	1	Yellow Perch	226	108	3	
14	1	Yellow Perch	219	131	3	
15	1	Yellow Perch	236	128		
16	1	Yellow Perch	210	103		
17	1	Yellow Perch	206	85	1	

END TIME: October 10, 1984 13:30
LOCATION: Vermont Yankee Boat Launch
METHOD : Trap net, 23.8 Hours
SAMPLE : 8329

REMARKS : No catch

END TIME: October 10, 1984 11:45
LOCATION: Station 5-New Hampshire
METHOD : Trap net, 23.3 Hours
SAMPLE : 8330

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	280	213		
2	1	Yellow Perch	273	215	4	
3	1	Yellow Perch	207	105	2	
4	1	Yellow Perch	189	69	2	
5	1	Yellow Perch	202	96	2	
6	1	Yellow Perch	204	97	2	
7	1	Yellow Perch	148	35	1	
8	1	Yellow Perch	224	120	3	
9	1	Yellow Perch	148	31	1	
10	1	Yellow Perch	184	66	2	
11	1	Yellow Perch	212	105	2	
12	1	Yellow Perch	199	73	1	
13	1	Yellow Perch	175	50	1	
14	1	Yellow Perch	150	35	1	
15	1	Smallmouth Bass	192	102	2	
16	1	Smallmouth Bass	272	274	2	2808
17	5	Spottail Shiner		50		
18	1	Bluegill	191	160		
19	1	Pumpkinseed	142	58		
20	1	Pumpkinseed	142	66		
21	1	Pumpkinseed	130	48		
22	1	Pumpkinseed	140	55		
23	1	Pumpkinseed	111	25		
24	1	Pumpkinseed	169	108		
25	1	Pumpkinseed	133	47		
26	1	Pumpkinseed	133	44		
27	1	Pumpkinseed	147	64		
28	1	Pumpkinseed	137	50		
29	1	Pumpkinseed	133	51		
30	1	Pumpkinseed	114	28		
31	1	Pumpkinseed	113	46		
32	6	Pumpkinseed		248		
33	1	Bluegill	185	131		
34	1	Bluegill	180	126		
35	1	Bluegill	161	97		
36	1	White Perch	250	252	2	
37	1	White Perch	275	340		
38	1	White Perch	260	273	2	
39	1	White Sucker	490	1210		
40	5	White Sucker		5560		

END TIME: October 10, 1984 13:00
LOCATION: Station 5-Vermont
METHOD : Trap net, 25.5 Hours
SAMPLE : 8331

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	255	265	2	
2	1	White Perch	281	365	4	
3	1	White Perch	274	330	3	
4	1	White Perch	258	275	4	
5	1	White Perch	265	300	3	
6	1	White Perch	253	263	2	
7	1	White Perch	292	378	4	
8	1	Walleye	462	815	6	
9	1	Walleye	392	528	5	
10	1	Smallmouth Bass	352	548	4	2807
11	1	Smallmouth Bass	211	131	1	
12	1	Smallmouth Bass	251	218	2	
13	1	Smallmouth Bass	285	295	3	2806
14	1	Smallmouth Bass	333	451	3	2805
15	1	Smallmouth Bass	298	388	3	2804
16	1	Smallmouth Bass	176	71	1	
17	1	Yellow Perch	248	189	4	
18	1	Yellow Perch	155		1	
19	1	Yellow Perch	269	202	4	
20	1	Yellow Perch	288	260	4	
21	1	Yellow Perch	256	207	4	
22	1	Yellow Perch	242	188		
23	1	Yellow Perch	157	40	1	
24	1	Yellow Perch	90	76		
25	1	Yellow Perch	149	33	1	
26	1	Yellow Perch	155	40	2	
27	1	Yellow Perch	194	98	3	
28	1	Yellow Perch	210	105	3	
29	1	Yellow Perch	215	103	2	
30	1	Yellow Perch	142	34	1	
31	1	Yellow Perch	205	84	2	
32	8	Yellow Perch		400		
33	1	Pumpkinseed	181	115		
34	1	Pumpkinseed	133	52		
35	1	Pumpkinseed	133	48		
36	1	Pumpkinseed	118	35		
37	1	Pumpkinseed	139	61		
38	8	Pumpkinseed		360		
39	1	White Sucker	262	182		
40	1	White Sucker	485	992		
41	1	White Sucker	465	1010		
42	1	White Sucker	397	623		

END TIME: October 10, 1984 16:15
LOCATION: Rum Point
METHOD : Trap net, 29.0 Hours
SAMPLE : 8332

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	285	352	5	
2	1	Smallmouth Bass	326	390	4	2825
3	1	Smallmouth Bass	335	422	4	2827
4	1	Smallmouth Bass	299	380	3	2829
5	1	Smallmouth Bass	250	222	2	2830
6	1	Smallmouth Bass	342	536	4	2826
7	1	Smallmouth Bass	257	235	2	2831
8	1	Smallmouth Bass	246	198	3	2832
9	1	Smallmouth Bass	306	415	4	2828
10	1	Smallmouth Bass	215	155	2	
11	18	Rock Bass		2270		

END TIME: October 10, 1984 16:00
LOCATION: Station 8
METHOD : Trap net, 29.3 Hours
SAMPLE : 8333

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	273	251	3	
2	1	Smallmouth Bass	171	62	1	

END TIME: October 11, 1984 09:35
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 16.6 Hours
SAMPLE : 8334

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Pumpkinseed	142	63		
2	1	Walleye	542	1110		3599

END TIME: October 11, 1984 10:00
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 16.9 Hours
SAMPLE : 8335

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	195	100	1	
2	1	Rock Bass	115	31		
3	1	Bluegill	121	35		
4	1	Bluegill	110	26		
5	1	Pumpkinseed	89	14		
6	1	Rock Bass	53	4.0		

END TIME: October 11, 1984 10:25
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 17.3 Hours
SAMPLE : 8336

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	247	318		
2	1	Rock Bass	226	244		
3	1	Rock Bass	142	58		
4	1	Rock Bass	200	166		
5	1	Rock Bass	155	73		
6	1	Rock Bass	161	91		
7	1	Rock Bass	163	92		
8	1	Rock Bass	107	28		
9	1	Rock Bass	118	35		
10	1	Rock Bass	116	29		
11	1	Smallmouth Bass	103	15		
12	1	Smallmouth Bass	164	56	1	
13	1	Smallmouth Bass	133	27	1	
14	1	Smallmouth Bass	96	13		
15	1	Bluegill	120	35		
16	1	Bluegill	195	180		
17	1	Bluegill	132	43		
18	1	Bluegill	123	35		
19	1	Bluegill	118	33		
20	1	Pumpkinseed	129	50		
21	1	American Eel				

END TIME: October 11, 1984 11:30
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 18.3 Hours
SAMPLE : 8337

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Sucker	478	1250		
2	1	White Sucker	455	1110		
3	1	White Sucker	460	1080		
4	1	White Perch	286	375	4	
5	1	Walleye	426	648	5	
6	1	Smallmouth Bass	352	590	5	
7	1	Smallmouth Bass	285	305	4	
8	1	Bluegill	215	220		
9	1	Bluegill	220	293		
10	1	Bluegill	219	255		
11	1	Bluegill	220	273		
12	1	Bluegill	219	218		
13	1	Bluegill	193	180		
14	1	Yellow Perch	166	42	1	
15	1	Yellow Perch	158	39	1	
16	1	Spottail Shiner	100	9.0		
17	1	Spottail Shiner	105	8.0		
18	1	Rock Bass	190	130		
19	1	Rock Bass	192	130		
20	1	Rock Bass	204	180		
21	1	Rock Bass	179	105		

END TIME: October 11, 1984 12:15
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 18.9 Hours
SAMPLE : 8338

REMARKS : Stat. 2 north of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	315	368	3	3598
2	1	Smallmouth Bass	117	19		
3	1	Spottail Shiner	102	8.0		
4	1	Bluegill	62	3.0		
5	1	Yellow Perch	171	54	1	
6	1	Yellow Perch	178	60	1	
7	1	Bluegill	57	2.0		
8	1	Rock Bass	228	248		
9	1	Rock Bass	202	162		
10	1	Rock Bass	222	188		
11	1	Rock Bass	200	173		
12	1	Rock Bass	226	253		
13	1	Rock Bass	230	251		
14	1	Rock Bass	149	69		
15	1	Yellow Perch	196	90	1	
16	1	Rock Bass	125	40		
17	1	Spottail Shiner	112	11		
18	1	Bluegill	194	68		
19	1	Brown Bullhead	350	625		
20	1	Brown Bullhead	327	456		

END TIME: October 11, 1984 12:15
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 18.8 Hours
SAMPLE : 8339

REMARKS : Station 2 south of island; no catch

END TIME: October 11, 1984 21:00
LOCATION: Stebbin Island to Vernon Dam
METHOD : Electrofishing, 2.0 Hours
SAMPLE : 8340

REMARKS : 29 Shad preserved - BLN 2444

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
31	1	American shad	109	10		
32	1	American shad	99	8.2		
33	1	American shad	101	8.4		
34	1	American shad	97	8.1		
35	1	American shad	100	8.6		
36	1	American shad	99	8.2		
37	1	American shad	100	8.3		
38	1	American shad	100	8.7		
39	1	American shad	102	8.5		
40	1	American shad	102	8.7		
41	1	American shad	99	8.1		
42	1	American shad	100	8.0		
43	1	American shad	120	13		
44	1	American shad	99	7.7		
45	1	American shad	102	9.0		
46	1	American shad	100	7.8		
47	1	American shad	101	8.4		
48	1	American shad	97	7.9		
49	1	American shad	103	9.3		
50	1	American shad	100	7.7		
51	1	American shad	101	8.6		
52	1	American shad	109	11		
53	1	American shad	95	6.9		
54	1	American shad	95	7.8		
55	1	American shad	101	8.7		
56	1	American shad	100	8.1		
57	1	American shad	102	9.3		
58	1	American shad	95	7.0		

END TIME: October 12, 1984 08:45
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Trap net, 23.2 Hours
SAMPLE : 8341

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Yellow Perch	230	146	2	
2	1	Yellow Perch	188	58	1	
3	1	White Perch	272	303	4	

END TIME: October 12, 1984 09:15
LOCATION: 0.5 Miles South of Vernon Dam
METHOD : Trap net, 23.3 Hours
SAMPLE : 8342

REMARKS : Station 3

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	210	185	--	
2	1	Yellow Perch	290	285	2	
3	1	Smallmouth Bass	260	217	2	3596
4	1	Smallmouth Bass	214	113	1	3597
5	1	American Eel	8128			

END TIME: October 12, 1984 09:40
LOCATION: Stebbin Island-Vermont Side
METHOD : Trap net, 23.3 Hours
SAMPLE : 8343

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Bluegill	193	160		
2	1	Bluegill	218	264		
3	1	Bluegill	212	233		
4	1	Bluegill	175	103		
5	1	Bluegill	154	76		
6	1	Pumpkinseed	128	45		
7	1	Pumpkinseed	141	63		
8	1	Pumpkinseed	133	49		
9	1	Yellow Perch	168	48		
10	1	Yellow Perch	144	25	1	
11	1	Yellow Perch	155	40	1	
12	1	Yellow Perch	150	32	1	
13	1	Yellow Perch	210	95	2	
14	1	Yellow Perch	159	36	1	
15	1	Yellow Perch	144	27	1	
16	1	Yellow Perch	144	27	1	
17	1	Yellow Perch	157	29	1	
18	1	Yellow Perch	150	32	1	
19	1	Yellow Perch	144	33	1	
20	1	Yellow Perch	156	37	1	
21	1	Yellow Perch	144	26	1	
22	1	Yellow Perch	155	43	1	
23	1	Yellow Perch	155	37	1	
24	1	Yellow Perch	142	26		
25	1	Yellow Perch	120	16		
26	1	White Perch	276	324	3	
27	1	Rock Bass	248	315		
28	1	Smallmouth Bass	243	180	1	3595
29	1	Smallmouth Bass	235	160	1	3594
30	1	Smallmouth Bass	195	98	1	3593
31	1	Smallmouth Bass	165	65	1	3591
32	1	White Sucker	468	1010		
33	1	White Sucker	420	700		
34	1	White Sucker	385	611		

END TIME: October 12, 1984 10:30
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Trap net, 23.0 Hours
SAMPLE : 8344

REMARKS : No catch

END TIME: October 12, 1984 10:55
LOCATION: Approximately 4.3 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 22.7 Hours
SAMPLE : 8345

REMARKS : Station 2 south of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	109	22		
2	1	Brown Bullhead	335	524		
3	1	Walleye	582	--	4	

END TIME: October 12, 1984 11:20
LOCATION: Approximately 4 Miles South of Vernon Dam-VT Shore
METHOD : Trap net, 23.3 Hours
SAMPLE : 8346

REMARKS : Station 2 north of island

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Brown Bullhead	238	73		
2	1	White Sucker	420	844		
3	1	Yellow Perch	175	60	1	
4	1	Yellow Perch	178	56	1	
5	1	Yellow Perch	160	40	1	
6	1	Yellow Perch	147	30	1	
7	1	Yellow Perch	162	45	1	
8	1	Yellow Perch	176	53	1	
9	1	Yellow Perch	230	131	2	
10	1	Yellow Perch	170	48	1	
11	1	Yellow Perch	154	35		
12	1	Yellow Perch	158	40		
13	1	Yellow Perch	168	47	1	
14	1	Yellow Perch	151	35	1	
15	1	Yellow Perch	149	32	1	
16	1	Yellow Perch	178	70	1	
17	1	Yellow Perch	167	54	1	
18	1	Yellow Perch	163	44		
19	1	Yellow Perch	151	36		
20	1	Yellow Perch	153	34	1	
21	1	White Perch	293	336	4	
22	1	Rock Bass	210	175		
23	1	Rock Bass	211	212		
24	1	Rock Bass	174	102		
25	1	Rock Bass	233	265		
26	1	Rock Bass	187	138		
27	1	Rock Bass	133	51		
28	1	Rock Bass	112	27		
29	1	Rock Bass	146	58		
30	1	Pumpkinseed	140	56		
31	1	Lepomis sp.	53	3.0		
32	1	Spottail Shiner	105	7.0		
33	1	Smallmouth Bass	260	205	1	3587
34	1	Smallmouth Bass	243	205	2	3588
35	1	Smallmouth Bass	281	347	2	3600
36	1	Smallmouth Bass	392	758	4	3589
37	1	Smallmouth Bass	352	578	4	3586

END TIME: October 15, 1984 18:50
LOCATION: Station 8
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 8363

REMARKS : Radiation fish sample

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	305	329	3	
2	1	Smallmouth Bass	335	505	3	
3	1	Smallmouth Bass	265	231	2	
4	1	Smallmouth Bass	277	260	3	
5	1	Smallmouth Bass	278	272	3	
6	1	Smallmouth Bass	178	74	1	
7	1	Smallmouth Bass	145	37	1	

END TIME: October 15, 1984 19:50
LOCATION: Station 4-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8364

REMARKS : Veron dam to discharge VT shore

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	110	14	1	
2	1	Smallmouth Bass	300	380	3	2833
3	1	Smallmouth Bass	169	57	1	
4	1	Smallmouth Bass	336	509	3	2834
5	4	Yellow Perch		1360		
6	1	Yellow Perch	296	317	5	
7	13	White Perch		907		
8	4	Cyprinidae		30		
9	1	Carp	573	2610		
10	3	White Sucker		1810		

END TIME: October 15, 1984 20:25
LOCATION: Vermont Yankee Boat Launch
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8365

REMARKS : VY intake to VY stack

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	430	663	2	
2	17	Yellow Perch		1810		
3	1	Smallmouth Bass	492	1370	6	2835
4	1	Walleye	459	825	3	
5	1	Smallmouth Bass	311	424	3	2836
6	1	Smallmouth Bass	248	200	2	2838
7	1	Smallmouth Bass	93	17		
8	4	White Perch		48		
9	1	Carp	691	6580		
10	1	Carp	642	5390		
11	1	Carp	660	4420		
12	3	White Sucker		3290		

END TIME: October 15, 1984 21:00
LOCATION: Station 5-Vermont
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8366

REMARKS : Station 5 to VY stack

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	215	126	2	2839
2	1	Smallmouth Bass	265	237	2	2840
3	1	Smallmouth Bass	255	214		2841
4	1	Walleye	435	705	4	
5	7	Yellow Perch		794		
6	13	White Perch		2040		
7	1	Golden Shiner	159	41		
8	5	Cyprinidae.		45		
9	5	White Sucker		3860		

END TIME: October 15, 1984 21:10
LOCATION: Station 4-New Hampshire
METHOD : Electrofishing, 0.4 Hours
SAMPLE : 8370

REMARKS : Vernon dam to ledge NH side

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	331	312	2	
2	1	Walleye	334	306	2	
3	1	Walleye	298	226	2	
4	1	Walleye	210	74		
5	1	Walleye	213	96		
6	1	Walleye	316	269		
7	1	Largemouth Bass	398	828	5	
8	1	Smallmouth Bass	278	293	3	2894
9	1	Smallmouth Bass	254	214	2	2893
10	1	Smallmouth Bass	330	423	4	2892
11	1	Smallmouth Bass	265	252	2	2891
12	1	Smallmouth Bass	301	372	3	2890
13	1	Smallmouth Bass	291	324	3	2889
14	1	Smallmouth Bass	279	263	3	2907
15	1	Smallmouth Bass	185	88	1	
16	1	Smallmouth Bass	249	194	2	2888
17	1	Bluegill	182	142		
18	18	Cyprinidae		177		
19	1	Golden Shiner	149	34		
20	28	White Perch		2840		
21	16	Yellow Perch		1360		
22	17	White Sucker		4080		

END TIME: October 16, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8367

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	51	2.0		
2	1	Rock Bass	52	3.0		
3	1	Yellow Perch	212	9.0		

END TIME: October 16, 1984 19:05
LOCATION: Station 5-New Hampshire
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8368

REMARKS : Station 5 to setback NH

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	465	767	4	
2	1	Walleye	438	674	3	
3	1	Walleye	214	75		
4	1	Walleye	386	503	2	
5	1	Walleye	421	558	4	
6	1	Smallmouth Bass	396	717	5	2849
7	7	Golden Shiner		538		
8	1	Bluegill	159	94		
9	4	White Perch		320		
10	7	Golden Shiner		54		
11	26	Yellow Perch		2040		
12	4	Pumpkinseed		364		
13	1	White Sucker		5780		

END TIME: October 16, 1984 20:00
LOCATION: New Hampshire Setback-Near Culvert to Butler Cove
METHOD : Electrofishing, 0.5 Hours
SAMPLE : 8369

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Walleye	550	1330	5	
2	1	Walleye	460	934	5	
3	1	Walleye	475	966	4	
4	1	Smallmouth Bass	255	220	3	2848
5	1	Largemouth Bass	285	373	4	
6	1	Smallmouth Bass	223	151	2	2896
7	1	Smallmouth Bass	261	239	2	2895
8	1	Smallmouth Bass	159	60	1	
9	1	Smallmouth Bass	139	35	1	
10	1	Smallmouth Bass	95	10		
11	27	Yellow Perch		1700		
12	8	White Perch		1360		
13	1	Smallmouth Bass	167	63	1	
14	1	American shad	152	30		
15	1	Golden Shiner	147	27		
16	11	Cyprinidae		147		
17	16	Pumpkinseed		567		
18	18	Bluegill		1020		
19	9	White Sucker		4650		

END TIME: October 17, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8371

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	69	5.5		
2	1	Lepomis sp.	66	5.0		
3	1	Lepomis sp.	59	2.0		
4	1	Lepomis sp.	52	2.7		
5	1	Lepomis sp.	51	2.0		
6	1	Lepomis sp.	48	1.8		
7	1	Lepomis sp.	51	2.0		
8	1	Lepomis sp.	53	2.2		
9	1	Lepomis sp.	47	1.3		
10	1	Lepomis sp.	54	2.7		
11	1	Lepomis sp.	55	2.5		
12	1	Lepomis sp.	54	2.5		
13	1	Lepomis sp.	50	2.0		
14	1	Lepomis sp.	49	1.5		
15	1	White Perch	165	53		

END TIME: October 17, 1984 18:55
LOCATION: Stebbin Island-Vermont Side
METHOD : Electrofishing, 0.4 Hours
SAMPLE : 8372

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	220	138	1	
2	1	Smallmouth Bass	232	166	3	
3	1	Smallmouth Bass	156	48	1	
4	1	Smallmouth Bass	130	25	1	
5	1	Smallmouth Bass	87	8.0		
6	1	Smallmouth Bass	82	6.0		
7	1	Pumpkinseed	178	143		
8	1	Pumpkinseed	107	23		
9	1	Bluegill	248	384		
10	8	White Sucker		7480		
11	4	White Sucker		4310		
12	1	Smallmouth Bass	142	36	1	
13	1	Rock Bass	115	25		
14	1	American Eel		113		

END TIME: October 17, 1984 19:25
LOCATION: Stebbin Island-New Hampshire Side
METHOD : Electrofishing, 0.3 Hours
SAMPLE : 8373

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	292	315	2	
2	1	Smallmouth Bass	245	184	2	
3	1	Smallmouth Bass	220	135	2	
4	1	Smallmouth Bass	87	9.0		
5	1	Smallmouth Bass	99	13		
6	1	Walleye	330	304	1	
7	1	Yellow Perch	154	40	1	
8	1	Yellow Perch	124	26	1	
9	1	White Sucker	414	840		

END TIME: October 17, 1984 20:10
LOCATION: Station 3 to Vernon Dam-Along NH Shore
METHOD : Electrofishing, 0.4 Hours
SAMPLE : 8374

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	295	365	2	3695
2	1	Smallmouth Bass	229	153	2	3694
3	1	Smallmouth Bass	310	394	3	3693
4	1	Smallmouth Bass	251	210	4	3692
5	1	Smallmouth Bass	182	65	2	
6	1	Smallmouth Bass	154	45	1	
7	34	Bluegill		2380		
8	3	Pumpkinseed		184		
9	3	Yellow Perch		630		
10	3	Rock Bass		178		
11	4	Alosa spp.		38		
12	14	Cyprinidae		42		
13	10	White Sucker		9870		
14	7	White Sucker		5900		
15	2	American Eel		680		

END TIME: October 18, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8375

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	52	2.8		
2	1	Lepomis sp.	44	1.6		
3	1	Lepomis sp.	45	1.7		
4	1	Lepomis sp.	46	1.7		
5	1	Lepomis sp.	42	1.4		
6	1	Lepomis sp.	49	2.3		
7	1	Lepomis sp.	48	2.1		
8	1	Lepomis sp.	46	1.8		
9	1	Lepomis sp.	47	2.0		
10	1	Lepomis sp.	43	1.5		
11	1	Lepomis sp.	41	1.1		
12	1	Lepomis sp.	54	2.4		
13	1	Lepomis sp.	54	3.0		
14	1	Lepomis sp.	50	2.3		
15	1	Lepomis sp.	56	2.8		
16	1	Lepomis sp.	52	2.4		
17	1	Lepomis sp.	59	3.5		

END TIME: October 18, 1984 20:00
LOCATION: Stebbin Island to Vernon Dam
METHOD : Electrofishing, 1.3 Hours
SAMPLE : 8380

REMARKS : 7 Shad preserved - BLN 2489

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
31	1	American shad	104	10		
32	1	American shad	100	8.5		
33	1	American shad	106	9.9		
34	1	American shad	110	11		
35	1	American shad	100	8.4		
36	1	American shad	103	9.1		
37	1	American shad	96	7.6		
38	1	American shad	107	9.5		

END TIME: October 21, 1984
LOCATION: NEPCO Boat Launch - NH Shore
METHOD : Electrofishing
SAMPLE : 8382

REMARKS : Small mouth captured by culvert at NH shore across from boat launch, fish held overnight at VY discharge. H2O temp 59 F, fish weighed + measured in lab 10/22/84 (live)

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	345	535	4	
2	1	Smallmouth Bass	288	285	3	
3	1	Smallmouth Bass	276	262	3	
4	1	Smallmouth Bass	274	258	3	
5	1	Smallmouth Bass	300	394	3	
6	1	Smallmouth Bass	230	166	2	
7	1	Yellow Perch	195	82	2	
8	1	Yellow Perch	239	155	3	
9	1	Yellow Perch	264	221	6	

END TIME: October 21, 1984
LOCATION: Station 8
METHOD : Electrofishing
SAMPLE : 8383

REMARKS : Parasite study

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	328	461	4	
2	1	Smallmouth Bass	340	474	4	
3	1	Smallmouth Bass	290	309	4	
4	1	Smallmouth Bass	243	171	2	

END TIME: October 23, 1984
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8381

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	102	12		
2	1	Spottail Shiner	70	2.5		
3	1	Lepomis sp.	56	3.5		
4	1	Lepomis sp.	43	1.5		
5	1	Lepomis sp.	52	2.8		
6	1	Lepomis sp.	48	2.0		
7	1	Lepomis sp.	46	1.8		
8	1	Lepomis sp.	43	1.7		
9	1	Lepomis sp.	50	2.3		
10	1	Lepomis sp.	49	2.2		
11	1	Lepomis sp.	51	2.5		
12	1	Lepomis sp.	48	1.9		
13	1	Lepomis sp.	50	2.3		
14	1	Lepomis sp.	45	1.6		
15	1	Lepomis sp.	47	1.8		

END TIME: October 23, 1984
LOCATION: Station 4-Vermont
METHOD : Electrofishing
SAMPLE : 8384

REMARKS : Parasite study

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Smallmouth Bass	283	285	2	
2	1	Smallmouth Bass	325	417	3	
3	1	Smallmouth Bass	303	358	3	
4	1	Largemouth Bass	285	356	4	
5	1	Yellow Perch	251	186	4	
6	1	Yellow Perch	251	171	4	
7	1	White Perch	254	291	4	
8	1	White Perch	288	404	5	
9	1	Yellow Perch	232	120	3	
10	1	Smallmouth Bass	287	295	4	
11	1	Smallmouth Bass	256	223	2	

END TIME: October 24, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8390

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	46	1.7		
2	1	Lepomis sp.	55	2.8		
3	1	Lepomis sp.	50	2.2		
4	1	Lepomis sp.	49	2.2		
5	1	Lepomis sp.	53	2.6		
6	1	Lepomis sp.	52	2.4		
7	1	Lepomis sp.	58	3.5		
8	1	Lepomis sp.	56	2.9		
9	1	Lepomis sp.	44	1.5		
10	1	Lepomis sp.	54	3.0		
11	1	Lepomis sp.	44	1.6		
12	1	Lepomis sp.	53	2.6		
13	1	Lepomis sp.	54	3.0		
14	1	Lepomis sp.	58	3.0		
15	1	Lepomis sp.	47	2.0		
16	1	Lepomis sp.	50	2.5		
17	1	Lepomis sp.	51	2.5		
18	1	Lepomis sp.	44	1.6		
19	1	Lepomis sp.	55	3.0		
20	1	Lepomis sp.	66	4.9		
21	1	Lepomis sp.	48	2.0		
22	1	Lepomis sp.	50	2.3		
23	1	Lepomis sp.	50	2.5		
24	1	Lepomis sp.	51	2.3		
25	1	Lepomis sp.	57	3.3		
26	1	Lepomis sp.	47	1.9		
27	1	Lepomis sp.	54	2.9		
28	1	Lepomis sp.	47	2.0		
29	1	Lepomis sp.	51	2.3		
30	1	Lepomis sp.	46	1.8		
31	1	Lepomis sp.	49	2.3		
32	1	Lepomis sp.	47	1.9		
33	1	Lepomis sp.	60	3.6		
34	1	Lepomis sp.	54	2.7		
35	1	Lepomis sp.	50	2.2		
36	1	Lepomis sp.	50	2.4		
37	1	Lepomis sp.	52	2.5		
38	1	Lepomis sp.	49	2.0		
39	1	Lepomis sp.	52	2.3		
40	1	Lepomis sp.	52	2.2		
41	1	Lepomis sp.	56	2.6		
42	1	Lepomis sp.	46	1.7		
43	1	Lepomis sp.	46	1.4		
44	1	Lepomis sp.	55	3.0		
45	1	Lepomis sp.	52	2.6		
46	1	Lepomis sp.	60	3.6		
47	1	Lepomis sp.	47	1.7		
48	1	Lepomis sp.	56	3.0		
49	1	Lepomis sp.	52	2.4		
50	1	Lepomis sp.	59	3.7		
51	1	Rock Bass	52	3.2		
52	1	Rock Bass	52	3.1		
53	1	White Perch	94	9.8		
54	1	Smallmouth Bass	87	9.0		
55	1	Smallmouth Bass	76	5.8		
56	1	Spottail Shiner	52	0.7		
57	1	Cyprinidae	42	0.6		
58	1	Cyprinidae	39	0.4		
59	1	Cyprinidae	43	0.7		
60	1	Cyprinidae	27	0.3		

END TIME: October 24, 1984 21:30
LOCATION: Station 3
METHOD : Electrofishing, 4.0 Hours
SAMPLE : 8391

REMARKS : 8 Shad, 1 Semotilus corporalis preserved - BLN 2519

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
3	1	Smallmouth Bass	288	283	3	
4	1	White Perch	275	342	4	
5	1	White Perch	294	396	4	
6	1	Smallmouth Bass	236	154	1	
7	1	Yellow Perch	188	65	1	
8	1	Yellow Perch	250	170	2	
9	1	Yellow Perch	290	294	3	
31	1	American shad	100	9.5		
32	1	American shad	116	13		
33	1	American shad	105	9.2		
34	1	American shad	105	9.4		
35	1	American shad	110	12		
36	1	American shad	102	9.4		
37	1	American shad	108	11		
38	1	American shad	102	10		
39	1	Fallfish	153	45		

END TIME: October 25, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8392

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	89	8.3		
2	1	White Perch	89	6.7		
3	1	Lepomis sp.	54	2.7		
4	1	Lepomis sp.	50	2.4		
5	1	Lepomis sp.	39	1.1		
6	1	Lepomis sp.	34	1.0		
7	1	Lepomis sp.	48	2.2		
8	1	Lepomis sp.	48	1.8		
9	1	Lepomis sp.	50	2.2		
10	1	Lepomis sp.	43	1.8		

END TIME: October 30, 1984 07:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8394

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Cyprinidae	67	2.6		
2	1	Lepomis sp.	61	3.1		
3	1	Lepomis sp.	52	2.5		
4	1	Lepomis sp.	48	1.8		
5	1	Lepomis sp.	46	1.5		
6	1	Lepomis sp.	45	1.5		

END TIME: October 31, 1984 07:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8395

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Rock Bass	145	52		
2	1	Smallmouth Bass	92	12		
3	1	Lepomis sp.	56	3.8		
4	1	Lepomis sp.	48	1.9		
5	1	Lepomis sp.	46	1.8		
6	1	Lepomis sp.	51	2.7		
7	1	Lepomis sp.	53	2.5		
8	1	Lepomis sp.	52	2.8		
9	1	Lepomis sp.	49	2.2		
10	1	Lepomis sp.	48	2.2		
11	1	Lepomis sp.	43	1.6		
12	1	Lepomis sp.	46	1.9		
13	1	Lepomis sp.	47	2.0		
14	1	Lepomis sp.	49	1.9		
15	1	Lepomis sp.	48	2.2		
16	1	Lepomis sp.	49	2.4		
17	1	Lepomis sp.	53	2.8		
18	1	Lepomis sp.	55	2.8		
19	1	Lepomis sp.	54	3.0		
20	1	Lepomis sp.	55	3.0		
21	1	Lepomis sp.	60	3.7		
22	1	Lepomis sp.	61	3.9		

END TIME: October 31, 1984 19:36
LOCATION: Stebbin Island to Station 3
METHOD : Electrofishing, 2.6 Hours
SAMPLE : 8396

REMARKS : 5 Shad preserved - BLN 2604

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
2	1	Smallmouth Bass	389	310		
3	1	Smallmouth Bass	1142	433	5	
31	1	American shad	109	11		
32	1	American shad	104	11		
33	1	American shad	107	10		
34	1	American shad	107	10		
35	1	American shad	102	8.6		

END TIME: November 1, 1984 07:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8397

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	178	104		
2	1	Lepomis sp.	44	1.4		
3	1	Lepomis sp.	45	1.4		
4	1	Lepomis sp.	46	1.9		
5	1	Lepomis sp.	48	2.1		
6	1	Lepomis sp.	48	2.1		
7	1	Lepomis sp.	48	1.8		
8	1	Lepomis sp.	48	1.8		
9	1	Lepomis sp.	47	2.1		
10	1	Lepomis sp.	49	2.2		
11	1	Lepomis sp.	52	2.2		
12	1	Lepomis sp.	50	2.2		
13	1	Lepomis sp.	50	2.0		
14	1	Lepomis sp.	50	2.4		
15	1	Lepomis sp.	51	2.1		
16	1	Lepomis sp.	54	2.7		
17	1	Lepomis sp.	52	2.4		
18	1	Lepomis sp.	54	2.7		
19	1	Lepomis sp.	50	2.3		
20	1	Lepomis sp.	51	2.3		
21	1	Lepomis sp.	55	2.4		
22	1	Lepomis sp.	57	3.3		
23	1	Lepomis sp.	60	3.6		

END TIME: November 8, 1984 19:30
LOCATION: 0.1 Miles South of Vernon Dam
METHOD : Electrofishing, 2.0 Hours
SAMPLE : 8398

REMARKS : 2 Shad preserved - BLN 2605

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
2	1	Smallmouth Bass	303	360	4	
3	1	Smallmouth Bass	391	835		
4	1	Largemouth Bass	249	209		
5	1	Largemouth Bass	230	174	2	
31	1	American shad	142	23		
32	1	American shad	147	28		

END TIME: November 9, 1984 07:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8399

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	94	9.0		
2	1	Pumpkinseed	78	8.8		
3	1	Lepomis sp.	52	2.8		
4	1	Lepomis sp.	50	2.3		
5	1	Rock Bass	67	5.7		
6	1	Rock Bass	58	4.6		
7	1	Rock Bass	49	2.7		

END TIME: November 14, 1984 19:30
LOCATION: Stebbin Island to Vernon Dam
METHOD : Electrofishing, 2.0 Hours
SAMPLE : 8426

REMARKS : Shad study; no catch

END TIME: November 15, 1984 07:25
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8421

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	69	Lepomis spp.		168		
2	7	Cyprinidae		21		
3	1	Rock Bass	77	6.5		
4	1	Rock Bass	53	3.9		
5	1	Rock Bass	48	3.0		
6	1	Pumpkinseed	108	24		
7	1	Pumpkinseed	69	7.0		
8	1	Yellow Perch	105	12		
9	1	Yellow Perch	91	8.0		
10	1	Yellow Perch	100	9.5		
11	1	White Perch	68	4.0		
12	1	White Perch	78	6.3		
13	1	White Perch	89	8.8		
14	1	White Perch	92	9.2		
15	1	White Perch	94	9.5		
16	1	Smallmouth Bass	115	22		
17	1	Smallmouth Bass	118	25		
18	1	Smallmouth Bass	92	9.8		
19	1	Smallmouth Bass	98	12		
20	1	Smallmouth Bass	87	9.5		
21	1	Smallmouth Bass	97	12		
22	1	Smallmouth Bass	89	9.4		
23	1	Smallmouth Bass	83	8.6		
24	1	Smallmouth Bass	83	8.2		
25	1	Smallmouth Bass	86	8.7		
26	9	Smallmouth Bass		73		

END TIME: November 20, 1984 08:30
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8427

REMARKS : Travelling screen C was inoperative

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	White Perch	95	9.7		

END TIME: November 30, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8428

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Cyprinidae	58	1.0		
2	1	White Perch	80	5.1		

END TIME: December 13, 1984 09:00
LOCATION: Vermont Yankee Intake
METHOD : Circulating water travelling screens, 24.0 Hours
SAMPLE : 8438

REMARKS : Travelling screen C was inoperative

Fish ID	Number of fish	Species	Length (mm)	Weight (g)	Annuli (number)	Tag Number
1	1	Lepomis sp.	50	2.0		
2	1	Cyprinidae	72	2.5		
3	1	Cyprinidae	107	9.7		