138p

S.P. Cramer & Associates, Inc.
386 Brookside Drive
Chico, CA 95928
(530) 342-9262

2000 Stanislaus River Data Report

Final Data

August, 2000

S.P. Cramer & Associates, Inc.
386 Brookside Drive
Chico, CA 95928
(530) 342-9262

August, 2000

This summary was compiled as part of an ongoing effort to facilitate the exchange of accurate fisheries data among resource managers on a real-time basis. The collection and dissemination of this information was funded by Tri-Dam Project, Oakdale Irrigation District, South San Joaquin Irrigation District, and the US Fish and Wildlife Service. These parties believe that the exchange and scientific review of population data is vital for the protection and management of salmonid species in the Stanislaus River.

If would like additional information, visit our website at http://www.spcramer.com, or call. Data that is not available on the web site can be provided on computer disk.

Table of Contents

Section 1.

Background and Methods

Summary of Previous Monitoring
Description of Study Area
Juvenile Outmigrant Monitoring
Trap Efficiency Tests
Survival Tests
Monitoring of Environmental Factors
Error Checking Protocol

Section 2.

Caswell Trapping Site

Chinook Catch
Chinook Mean Length
Chinook Smolt Index Values
Release and Recapture Data
Rainbow/Steelhead Data
Non-salmonid Data
Environmental Data
Summary of Caswell Data 1995-2000

Section 3.

Oakdale Trapping Site

Chinook Catch
Chinook Mean Length
Chinook Smolt Index Values
Release and Recapture Data
Rainbow/Steelhead Data
Environmental Data
Non-salmonid Data
Summary of Oakdale Data 1993-2000

Section 4.

Caswell and Oakdale Comparisons

BACKGROUND

The Central Valley Project Improvement Act (CVPIA), enacted in 1992, directs the U.S. Fish and Wildlife Service to develop and implement a series of restoration programs for fish and wildlife purposes, with the goal of doubling the natural production of anadromous fish in Central Valley streams by the year 2002. The Anadromous Fish Restoration Program (AFRP), established by the CVPIA, set anadromous fish production targets and recommended fishery restoration actions for Central Valley streams.

Juvenile salmonid sampling at the Caswell site is part of a coordinated monitoring effort on the Stanislaus River to better understand the relationship of salmonid population response to both physical habitat restoration measures and flow management actions currently underway. Juvenile salmon outmigrant enumeration and production indices generated from the Caswell effort have been incorporated by two CVPIA programs. The first is the Comprehensive Assessment and Monitoring Program (CAMP). The goal of the CAMP juvenile monitoring program is to assess the relative effectiveness of categories of fishery restoration actions recommended by the AFRP. Additionally, the water management program on the Stanislaus River, which is one component of the AFRP and authorized under sections 3406(b1-3) of the CVPIA, has identified the need for juvenile salmonid monitoring at the Caswell site to help understand the effects of water management on salmonid population dynamics. Finally, a rotary screw trap effort upstream of the Caswell site near the town of Oakdale that is funded by the Oakdale and South San Joaquin irrigation districts contributes to the juvenile salmon monitoring effort on the Stanislaus River. The monitoring described here for the Caswell site will also provide a key element of the adaptive management process.

SUMMARY OF PREVIOUS MONITORING

Rotary screw traps have been used since 1993 to monitor timing and relative abundance of juvenile salmonids outmigrating from the Stanislaus River. Sampling has been conducted near Oakdale (RM 40.1) and near Caswell State Park (RM 8.6) by either California Department of Fish and Game (CDFG), US Fish and Wildlife Service (USFWS) or S.P. Cramer and Associates, Inc. (SPCA) (Table 1). Target species include fall-run chinook salmon and rainbow trout/steelhead.

Date, location and number of rotary-screw traps operated in the Stanislaus River, 1993 - 2000.

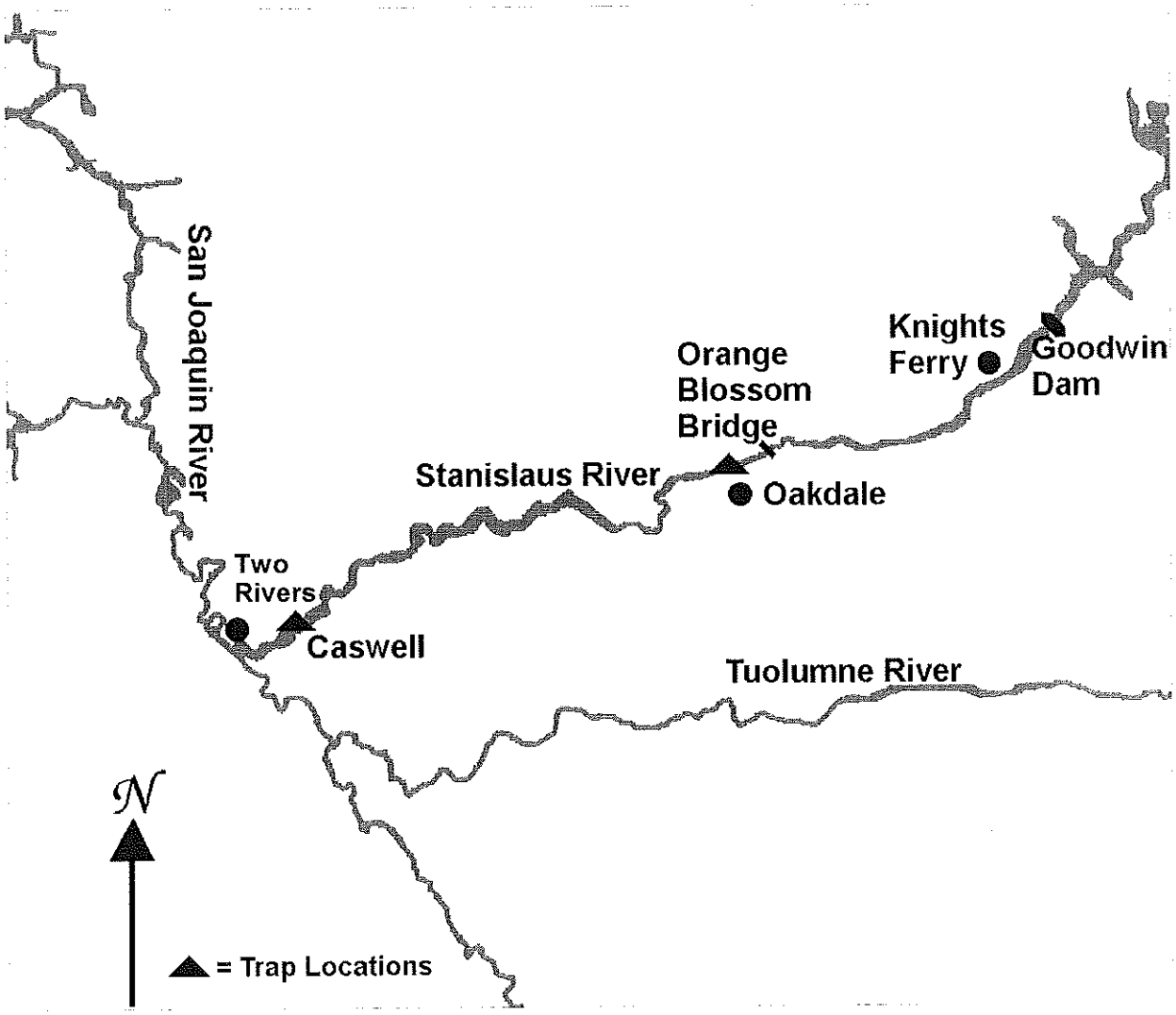
Year	Trap Location	Number of Traps	Start Date	End Date	Flow-Year Type
1993	Oakdale	1	Apr 21	Jun 29	Low
1994	Caswell	1	Apr 23	May 26	Low
1995	Oakdale	1	Mar 18	Jul 1	Low
1995	Caswell	2	Mar 27	May 26	Low
1996	Oakdale	1	Feb 1	Jun 8	High
1996	Caswell	2	Feb 5	Jul 2	High
1997	Caswell	2	Mar 19	Jun 27	High
1998	Oakdale	1	Jan 26	Jul 15	High
1998	Caswell	2	Jan 8	Jul 16	High
1999	Oakdale	1	Jan 18	Jun 30	High
1999	Caswell	2	Jan 18	Jun 30	High
2000	Oakdale	1	Dec 16	Jun 30	High
2000	Caswell	2	Dec 16	Jun 30	High

Description of Study Area

The headwaters of the Stanislaus River originate on the western slope of the Sierra Nevada Mountains. The Stanislaus River and its tributaries flow southwest to the confluence with the San Joaquin River on the floor of the Central Valley (Figure 1). The San Joaquin River flows north and joins the Sacramento River in the Sacramento-San Joaquin Delta. The Stanislaus River is dammed at several locations for the purposes of flood control, power generation and water supply. Water uses include irrigation and municipal needs, as well as recreational activities and water quality control.

Goodwin Dam, approximately 58.4 river miles (RM) upstream from the San Joaquin River confluence, blocks the upstream migration of anadromous fish. The lower river supports fall-run chinook salmon spawning between the town of Riverbank (RM 34) and Goodwin Dam (RM 58.4). Resident rainbow trout rear in the 10-20 miles of Stanislaus River below Goodwin Dam, and adult steelhead are occasionally observed, but it is not known whether a distinct anadromous population is present.

Stanislaus River Release and Trapping Sites



Location(s)	RM
Knights Ferry	58.4
Oakdale Release Site	40.4
Oakdale Trapping Site	40.1
Caswell Release Site	8.6
Caswell Trapping Site	8.9
Two Rivers	0

Date, location and number of rotary-screw traps operated in the Stanislaus River, 1993 - 2000.

Year	Trap Location	Number of Traps	Start Date	End Date	Flow-Year Type
1993	Oakdale	1	Apr 21	Jun 29	Low
1994	Caswell	1	Apr 23	May 26	Low
1995	Oakdale	1	Mar 18	Jul 1	Low
1995	Caswell	2	Mar 27	May 26	Low
1996	Oakdale	1	Feb 1	Jun 8	High
1996	Caswell	2	Feb 5	Jul 2	High
1997	Caswell	2	Mar 19	Jun 27	High
1998	Oakdale	1	Jan 26	Jul 15	High
1998	Caswell	2	Jan 8	Jul 16	High
1999	Oakdale	1	Jan 18	Jun 30	High
1999	Caswell	2	Jan 18	Jun 30	High
2000	Oakdale	1	Dec 16	Jun 30	High
2000	Caswell	2	Dec 16	Jun 30	High

METHODS

JUVENILE OUTMIGRANT MONITORING

Sampling Gear

We fished two rotary screw traps side-by-side in the mainstem of the lower Stanislaus River near Caswell State Park to sample juvenile salmonids as they migrated downstream. The screw traps, manufactured by E.G. Solutions in Eugene, Oregon, each consisted of a funnel shaped core suspended between two pontoons. Each trap was positioned in the current so that water entered the 8 ft wide funnel mouth. Water entered the funnel and struck the internal screw core, causing the funnel to rotate. As the funnel rotated, fish were trapped in pockets of water and forced rearward into a livebox, where captured fish could not escape.

Aluminum screen panels were placed in the rear of both liveboxes to provide fish with areas of refuge and to minimize stress and mortality. The screens caught wood and plant debris while allowing fish to pass through openings cut in the lower corners.

Each trap was held in place with 1/4 inch cable fastened to large trees upstream on the north bank. The downstream force of the water on the traps kept the cables taught and near the water surface. Buoys marked the location of the cables for human safety. Although there is some recreational use of the river near the traps by small boats, canoes, and anglers in float tubes, the majority of river use in the vicinity of the State Park occurs downstream from the trap site.

Trap Site Preparation

The Caswell trapping location was chosen by CDFG in 1994 since it was the farthest location downstream with adequate access to install and monitor the traps. In

1998, the traps fished in the same position as in 1996 and 1997, which was upstream approximately 100 yards from the site fished in 1994 and 1995. The trap nearest the left bank (looking upstream) was designated the north trap and the trap nearest the right bank was designated the south trap. These designations are the same as those used in the study since 1995. A sandbag wall extending approximately 5 ft out from the north bank was constructed in 1996 to divert flow into the traps and thereby increase trap efficiency. This wall remains at the site. The north trap fished about 10 ft downstream of this wall and approximately 8 - 12 ft from the bank in an area where the velocity was highest.

Safety Measures

Although recreational use of the river in this area was relatively light, we took precautions to warn park visitors and river users of the inherent dangers associated with the presence of rotary screw traps. One sign with large letters was placed upstream from the traps to warn river users traveling downstream towards the traps. The sign was approximately 4 ft x 4 ft with reflective red letters on a white background. A flashing light, similar to ones seen on roadside construction signs, was also placed on the south trap to increase visibility at night. Reflective tape was applied to the A-frames of each trap to provide further warning.

To discourage people along the banks from swimming or floating towards the traps, numerous warning signs were also placed at conspicuous places along the north bank and on the north trap facing the north bank. The signs warned of drowning danger near the traps and cautioned park visitors with messages such as "keep out" and "private property". The signs were in English and Spanish.

Trap Monitoring

We installed the rotary screw traps on December 14, and began monitoring catches the morning of December 16. Monitoring continued until June 30 at both

trapping sites.

The traps were fished 24 hours per day, 7 days per week from December 15 to May 26. Beginning on May 26, and continuing through the end of sampling, the traps were raised after every Friday morning check and lowered again Sunday evening due to heavy weekend recreational traffic on the river. An exception was made the third weekend in June to accomodate sampling through the weekend following a change in flow. The traps were also raised for the Christmas holiday from the evening of December 23 until the evening of December 27, and again for New Year's on the evening of December 31 thru the evening of January 2.

At times of high turbid flows and when we had recently released marked fish, we retrieved trap catches both in the morning and during the day to document daytime catches of juvenile chinook. Following the release of marked hatchery fish, we monitored the traps frequently until we were no longer recapturing marked fish.

During each trap check, we removed the contents of the liveboxes and identified and counted all fish captured. Random samples of 50 chinook and 20 of each other species were measured and their lengths recorded in millimeters. We also measured all rainbow trout/steelhead and yearling chinook.

The traps were cleaned after all fish were recorded. When the river was carrying a high debris load, it was often necessary to clean the traps again in the afternoon to clear away debris accumulated against the funnel walls and in the liveboxes. Debris levels varied with changes in flow and weather conditions.

Smolt Appearance Rating

We recorded the external appearance of smolting characteristics for each chinook and rainbow trout/steelhead measured. Chinook smolting appearance was rated on a scale of 1 to 3, with 1 an obvious fry (no scales, highly visible parr marks),

and 3 an obvious smolt (silvery appearance, easily shed scales, blackened fin tips). Rainbow trout/steelhead smolting appearance was rated according to the CDFG scale of 1 to 5 (1= yolk-sac fry, 2= fry, 3= parr, 4= silvery parr, and 5= smolt).

TRAP EFFICIENCY TESTS

Holding Facility and Transport Method

Natural fish for mark-recapture experiments were marked and held near the trap sites. Fish were held in net pens measuring 3 ft x 2 ft x 2 ft. The net pens consisted of 3/16 in. Delta mesh sewn onto frames constructed of ½ in. PVC pipe. The mesh on the top of each net pen was lined with velcro for access and canvas tops to provide necessary shade. The net pens were kept in areas of low water velocity. Fish were transported to the release site in coolers the morning of the release day.

Hatchery fish were marked at MRH approximately one week prior to release. All marked hatchery groups were transported to the release site by SPCA the day prior to release or the day of release. Fish were placed into net pens at the release site and allowed to recover prior to release. CDFG transported all survival release groups to Knights Ferry and Two Rivers State Park the day of the release.

Marking Procedure

Juvenile chinook were marked by cold-brand or dye inoculation. Before marking, fish were anesthetized with MS-222 (Schoettger and Steucke 1970). Once anesthetized, the appropriate mark was applied. Fish were cold-branded by freezing a branding stick in a thermos of liquid nitrogen. Fish were placed into a PVC slide and the freeze brand was applied by placing the tip of the branding tool against the front/rear, right/left section of the body of the fish. Minimal pressure was applied for approximately 2 seconds. Each fish received only one mark. Fish were dye inoculated by placing the tip of a MadaJet or Pow'rject against the caudal (top or bottom lobe),

dorsal or anal fin (Hart and Pitcher 1969). Minimal pressure was applied as dye was injected into the fin rays. One mark was applied to each fish, and all fish in a group received the same mark. Location of the mark was varied between groups so that each group could be uniquely identified. The dyes used were manufactured by NewWest Technologies, Santa Rosa, CA. All were chosen because they were known to provide highly visible, long lasting marks.

Prerelease Sampling

Marked fish were sampled for mean length and mark retention. Fifty fish were randomly selected from each distinctly marked group and anesthetized. Mark retention was rated as present or absent. If any of these 50 were found to have no mark, an additional 50 fish were sampled. The proportion of fish found to have clear marks in each group was used to estimate the actual number of fish released using the following expression:

number released = proportion mark retention * number in group.

All groups of natural chinook were also counted prior to release in order to obtain a more accurate number released. Release numbers for hatchery groups were calculated by subtracting the number of mortalities from the total number marked.

Release Procedure

Fish were released directly from the net pens in which they were held. A dip net was used to remove and release about 50 fish per minute. The time required to release each marked group ranged from 15 to 60 minutes. This release procedure was similar to the procedure used in 1996, 1997, 1998 and 1999. The gradual release of fish was intended to prevent the fish from behaving as a single school by dispersing them in time and space, to mimic the distribution of natural migrants.

SURVIVAL TESTS

All fish were coded wire tagged at the Merced River Hatchery and transported to the release sites by the CDFG in groups of 25,000. In past experiments on the stanislaus and other San Joaquin tributaries, fish were pumped into the river allowing them to school together and move downstream en masse. This year, in an effort to disperse fish more naturally over time, a large "leaky" net pen was used for the Stanislaus River releases at Knights Ferry (RM 54.3) and Two Rivers Park (RM 0).

The pen consisted of two 4 ft x 4 ft black plastic mesh panels flanked by seines. The "free" ends of each seine were attached to the shore and metal fence stakes provided support for the panels. Approximately 12 to 15 holes ranging from 2 inches to 4 inches in diameter were cut in each of the panels to allow fish to slowly escape. The original design included PVC pipe within each hole to prevent abrasion to fish, but most of these inserts were removed a few hours into the experiment because fish appeared to be avoiding them. Leadlines were not secured to the substrate which allowed fish to escape from beneath them.

MONITORING OF ENVIRONMENTAL FACTORS

Flow Measurements

Daily flow in the Stanislaus River was obtained from the California Data Exchange Center (CDEC). All flows cited in this report were measured at the Orange Blossom Bridge or Ripon gauges operated by the US Geological Survey (USGS). The flow data are daily means; instantaneous flows during freshets were higher. Depth-velocity profiles were taken in front of the traps once per week.

Water velocity entering the traps was measured each day with a Global Flow Probe, manufactured by Global Water (Fair Oaks, CA). Daily average trap rotation speed for each trap was also recorded by measuring the time, in seconds, for three

contiguous revolutions every morning. The average time per revolution for each trap was then calculated.

Water Temperature and Turbidity

Daily water temperature was measured with a mercury thermometer at the trap site. An Onset StowAway recording thermograph was also installed to record water temperature once per hour throughout the sampling season. Recording thermographs maintained by SPCA are also stationed at Goodwin, Knights Ferry, Orange Blossom Bridge, Oakdale, and McHenry. Daily mean temperature was derived by averaging the hourly measurements. Temperature data is also available from stations maintained by USGS at Goodwin, Oakdale and Ripon.

Turbidity was measured each day with a LaMotte turbidity meter, Model 2008. A water sample was collected each morning and later tested at the field station. Turbidity was recorded in Nephelometric Turbidity Units (NTU's).

ERROR CHECKING PROTOCOL

1. Once data is entered each data sheet is copied and placed in a binder in date/time order and the original data sheet is placed in a separate binder in date/time order. All marking, transporting and release data sheets will be kept in one binder per river divided by tabs for each section. Within each section, the data sheets will be placed in order by date/time.
2. On Fridays entered data since the last error check is checked line by line for errors against original data sheets. If any errors are found, they are corrected on the spreadsheet and recorded on the print out with the date of error check and when corrections were made.
3. At the end of the month, the data entered is checked again line by line for errors and corrected as necessary. Once the month has been error checked in its entirety, then that month is to be considered free of errors until the final error check at the end of the season.
4. After the data has been error checked, cross-tab reports are generated for catch and mean length for all species captured.
5. A "daysum" file is created at the beginning of the season which consists of daily catch, mean length, turbidity, temperature and flow.
6. The "daysum" file is used as a temporary file for weekly progress reports and graphs, but is not considered to be completely free of errors and is not used in the final summary tables and graphs.
7. After the season has terminated, the entire data base is checked line by line for errors until a minimum of three errors are found by one of the assigned data entry technicians. Then the other assigned data entry technician will check line by line for errors until they have also found a minimum of three errors. All discrepancies are corrected by each technician in the spreadsheet and recorded on the printout with the date of error check and when corrections were made.
8. All weekly, monthly and final error check printouts are saved in a binder with labeled tabs separating the error check dates.

9. Once all data is considered to be free of any errors, summary tables are generated from the catch and environmental databases.

10. Each river shall have a master file which contains all error-free data collected at all sites for all years sampled. After the data is summarized it is pasted into a master file, in which all graphs, tables and reports are generated.

Key to Species Codes

Code	Common name	Scientific name
AFBH	Anal fin blue - hatchery	Not applicable
AFBN	Anal fin blue - natural	Not applicable
AFGH	Anal fin green - hatchery	Not applicable
AFKH	Anal fin black - hatchery	Not applicable
AFPH	Anal fin pink - hatchery	Not applicable
BCBH	Bottom caudal blue - hatchery	Not applicable
BCGH	Bottom caudal green - hatchery	Not applicable
BCKH	Bottom caudal black - hatchery	Not applicable
BCPH	Bottom caudal pink - hatchery	Not applicable
BCPN	Bottom caudal pink - natural	Not applicable
BGS	Bluegill	*Lepomis microlophus*
BKB	Black bullhead	*Ictalurus melas*
BKS	Black crappie	*Pomoxis nigromaculatus*
BLFN	Bar left front - natural	Not applicable
BLRN	Bar left rear - natural	Not applicable
BRB	Brown bullhead	*Ictalurus nebulosus*
BRFN	Bar right front - natural	Not applicable
BRRN	Bar right rear - natural	Not applicable
C	Carp	*Cyprinus carpio*
CHC	Channel catfish	*Ictalurus punctatus*
CHNF	Chinook salmon	*Onchorhyncus tshawytscha*
CWT	Coded wire tag	Not applicable
DFGH	Dorsal fin green - hatchery	Not applicable
DFKH	Dorsal fin black - hatchery	Not applicable
DSM	Delta smelt	*Hypomesus transpacificus*
GF	Goldfish	*Carasius auratus*
GSF	Green sunfish	*Lepomis cyanellus*
GSN	Golden shiner	*Notemigonus crysoleucas*
HCH	Hitch	*Lavinia exilicauda*
HH	Hardhead	*Mylopharodon conocephalus*
LAM	Lamprey - unidentified species	Not applicable
LMB	Largemouth bass	*Micropterus salmoides*
LP	Logperch	*Percina macrolepida*
MQK	Mosquitofish	*Gambusia affinis*
PKS	Pumpkinseed	*Lepomis gibbonus*
PL	Pacific lamprey	*Lampetra tridentata*
PRS	Prickly sculpin	*Cottus asper*
RBT	Rainbow trout	*Onchorhyncus mykiss*
RBTT	Rainbow trout - tagged	Not applicable
RES	Redear sunfish	*Lepomis microlophus*
RFS	Riffle sculpin	*Cottus gulosus*
RL	River lamprey	*Lampetra ayresi*
RSN	Red shiner	*Notropis lutrensis*
SASQ	Sacramento squawfish	*Ptychochelius grandis*
SASU	Sacramento sucker	*Catostomus occidentalis*
SCB	Sacramento blackfish	*Orthodon microlepidotus*
SMB	Smallmouth bass	*Micropterus dolomieui*
SP	Sacramento perch	*Archoplites interruptus*
SPLT	Sacramento splittail	*Pogonichthys macrolepidotus*
STB	Striped bass	*Morone saxatilis*
TCBH	Top caudal blue - hatchery	Not applicable
TCBN	Top caudal blue - natural	Not applicable
TCGH	Top caudal green - hatchery	Not applicable
TCGN	Top caudal green - natural	Not applicable
TCKH	Top caudal black - hatchery	Not applicable
TCON	Top caudal orange - natural	Not applicable
TCYN	Top caudal yellow - natural	Not applicable
TFS	Threadfin shad	*Dorosoma petenense*
TP	Tule perch	*Hysterocarpus traski*
UNID	Unidentified species	Not applicable
WAG	Wagasaki	*Hypomesus nipponensis*
WHC	White catfish	*Ictalurus catus*
WHS	White crappie	*Pomoxis annularis*
YEB	Yellow bullhead	*Ictalurus natalis*

Daily Chinook Catch at Caswell- Year 2000

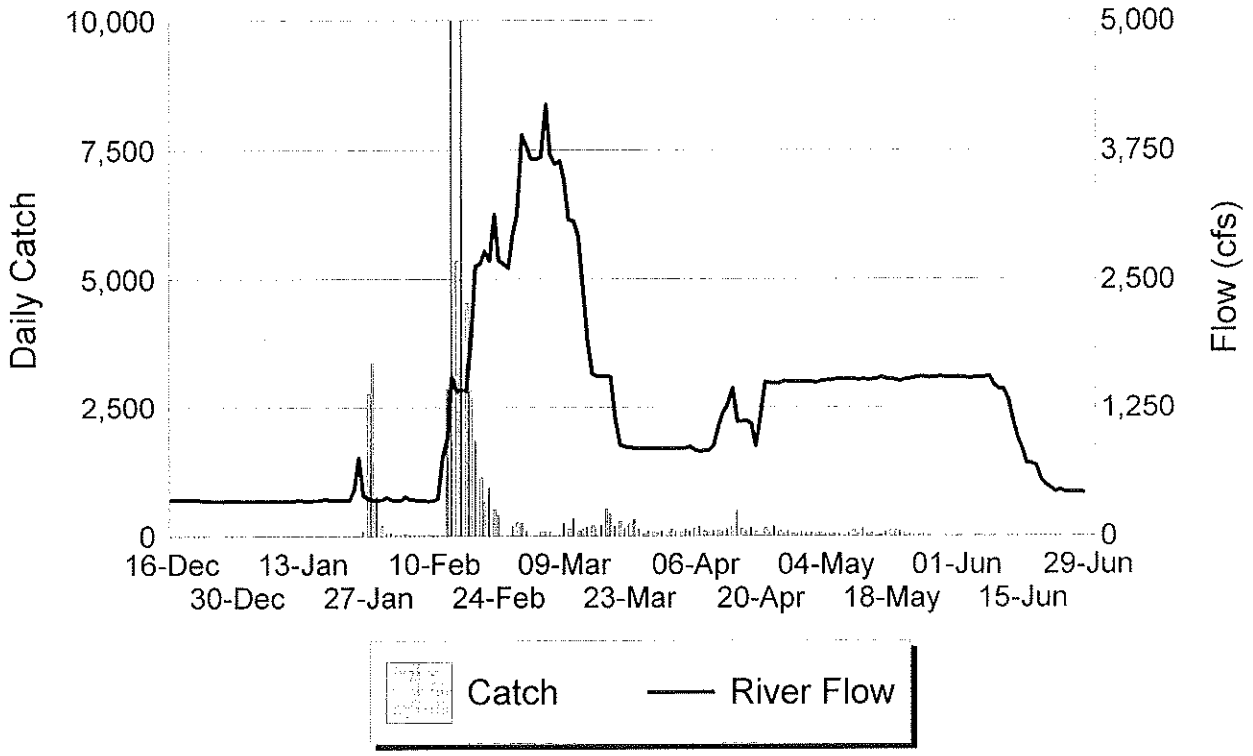
Julian Week	Date	North Trap Count	South Trap Count	Combined Count
50	16-Dec-99	0	0	0
51	17-Dec-99	0	0	0
51	18-Dec-99	0	0	0
51	19-Dec-99	ns	ns	ns
51	20-Dec-99	0	0	0
51	21-Dec-99	0	0	0
51	22-Dec-99	0	0	0
51	23-Dec-99	0	0	0
52	24-Dec-99	ns	ns	ns
52	25-Dec-99	ns	ns	ns
52	26-Dec-99	ns	ns	ns
52	27-Dec-99	ns	ns	ns
52	28-Dec-99	0	0	0
52	29-Dec-99	0	0	0
52	30-Dec-99	0	0	0
52	31-Dec-99	0	0	0
1	01-Jan-00	ns	ns	ns
1	02-Jan-00	ns	ns	ns
1	03-Jan-00	0	0	0
1	04-Jan-00	0	0	0
1	05-Jan-00	0	0	0
1	06-Jan-00	0	0	0
1	07-Jan-00	0	1	1
2	08-Jan-00	1	0	1
2	09-Jan-00	1	0	1
2	10-Jan-00	0	0	0
2	11-Jan-00	0	0	0
2	12-Jan-00	0	0	0
2	13-Jan-00	0	0	0
2	14-Jan-00	0	0	0
3	15-Jan-00	1	0	1
3	16-Jan-00	0	0	0
3	17-Jan-00	0	0	0
3	18-Jan-00	0	0	0
3	19-Jan-00	0	0	0
3	20-Jan-00	0	0	0
3	21-Jan-00	0	0	0
4	22-Jan-00	0	0	0
4	23-Jan-00	0	0	0
4	24-Jan-00	0	1	1
4	25-Jan-00	1	0	1
4	26-Jan-00	71	17	88
4	27-Jan-00	311	2452	2763
4	28-Jan-00	1776	1588	3364
5	29-Jan-00	316	445	761
5	30-Jan-00	81	117	198
5	31-Jan-00	24	27	51
5	01-Feb-00	18	29	47
5	02-Feb-00	13	12	25
5	03-Feb-00	13	9	22
5	04-Feb-00	14	20	34
6	05-Feb-00	9	5	14
6	06-Feb-00	9	8	17
6	07-Feb-00	10	6	16
6	08-Feb-00	10	6	16
6	09-Feb-00	7	9	16
6	10-Feb-00	4	3	7
6	11-Feb-00	7	6	13
7	12-Feb-00	6	2	8
7	13-Feb-00	2163	684	2847
7	14-Feb-00	12955	10576	23531
7	15-Feb-00	4012	1348	5360
7	16-Feb-00	6521	4837	11358
7	17-Feb-00	2039	2485	4524
7	18-Feb-00	817	2011	2828
8	19-Feb-00	645	1195	1840
8	20-Feb-00	832	295	1127
8	21-Feb-00	475	174	649
8	22-Feb-00	438	486	924
8	23-Feb-00	415	87	502
8	24-Feb-00	287	111	398
8	25-Feb-00	ns	ns	ns
9	26-Feb-00	ns	ns	ns
9	27-Feb-00	131	68	199
9	28-Feb-00	196	59	255
9	29-Feb-00	163	75	238

Julian Week	Date	North Trap Count	South Trap Count	Combined Count
9	01-Mar-00	24	81	105
9	02-Mar-00	ns	ns	ns
9	03-Mar-00	0	1	1
9	04-Mar-00	47	35	82
10	05-Mar-00	20	60	80
10	06-Mar-00	38	48	86
10	07-Mar-00	9	2	11
10	08-Mar-00	19	4	23
10	09-Mar-00	38	212	250
10	10-Mar-00	71	56	127
10	11-Mar-00	51	283	334
11	12-Mar-00	70	36	106
11	13-Mar-00	71	67	138
11	14-Mar-00	40	134	174
11	15-Mar-00	58	145	203
11	16-Mar-00	53	66	119
11	17-Mar-00	71	132	203
11	18-Mar-00	230	282	512
12	19-Mar-00	105	324	429
12	20-Mar-00	88	110	198
12	21-Mar-00	80	199	279
12	22-Mar-00	96	43	139
12	23-Mar-00	107	118	225
12	24-Mar-00	145	175	320
12	25-Mar-00	49	80	129
13	26-Mar-00	18	16	34
13	27-Mar-00	34	43	77
13	28-Mar-00	32	39	71
13	29-Mar-00	29	27	56
13	30-Mar-00	50	57	107
13	31-Mar-00	46	22	68
13	01-Apr-00	50	76	126
14	02-Apr-00	43	35	78
14	03-Apr-00	55	14	69
14	04-Apr-00	52	69	121
14	05-Apr-00	60	38	98
14	06-Apr-00	83	59	142
14	07-Apr-00	122	65	187
14	08-Apr-00	62	33	95
15	09-Apr-00	43	30	73
15	10-Apr-00	51	40	91
15	11-Apr-00	62	53	115
15	12-Apr-00	30	76	106
15	13-Apr-00	64	71	135
15	14-Apr-00	65	107	172
15	15-Apr-00	121	366	487
16	16-Apr-00	18	116	134
16	17-Apr-00	45	65	110
16	18-Apr-00	38	119	157
16	19-Apr-00	20	56	76
16	20-Apr-00	4	2	6
16	21-Apr-00	39	118	157
16	22-Apr-00	34	32	66
17	23-Apr-00	53	143	196
17	24-Apr-00	27	78	105
17	25-Apr-00	31	20	51
17	26-Apr-00	24	68	92
17	27-Apr-00	11	25	36
17	28-Apr-00	15	26	41
17	29-Apr-00	32	45	77
18	30-Apr-00	18	43	61
18	01-May-00	16	41	57
18	02-May-00	17	32	49
18	03-May-00	22	43	65
18	04-May-00	16	38	54
18	05-May-00	24	30	54
18	06-May-00	11	29	40
19	07-May-00	10	22	32
19	08-May-00	0	6	6
19	09-May-00	10	47	57
19	10-May-00	25	89	114
19	11-May-00	37	1	38
19	12-May-00	45	94	139
19	13-May-00	11	34	45
20	14-May-00	9	50	59
20	15-May-00	6	12	18

Julian Week	Date	North Trap Count	South Trap Count	Combined Count
20	16-May-00	10	13	23
20	17-May-00	15	56	71
20	18-May-00	18	92	110
20	19-May-00	17	100	117
20	20-May-00	19	79	98
21	21-May-00	18	47	65
21	22-May-00	7	27	34
21	23-May-00	4	11	15
21	24-May-00	11	0	11
21	25-May-00	23	7	30
21	26-May-00	5	17	22
21	27-May-00	ns	ns	ns
22	28-May-00	ns	ns	ns
22	29-May-00	ns	ns	ns
22	30-May-00	3	12	15
22	31-May-00	2	3	5
22	01-Jun-00	6	6	12
22	02-Jun-00	8	6	14
22	03-Jun-00	ns	ns	ns
23	04-Jun-00	ns	ns	ns
23	05-Jun-00	3	4	7
23	06-Jun-00	3	3	6
23	07-Jun-00	4	1	5
23	08-Jun-00	2	2	4
23	09-Jun-00	2	7	9
23	10-Jun-00	ns	ns	ns
24	11-Jun-00	ns	ns	ns
24	12-Jun-00	3	1	4
24	13-Jun-00	4	2	6
24	14-Jun-00	0	1	1
24	15-Jun-00	0	0	0
24	16-Jun-00	1	0	1
24	17-Jun-00	0	0	0
25	18-Jun-00	1	0	1
25	19-Jun-00	0	0	0
25	20-Jun-00	0	0	0
25	21-Jun-00	0	0	0
25	22-Jun-00	0	0	0
25	23-Jun-00	1	1	2
25	24-Jun-00	ns	ns	ns
26	25-Jun-00	ns	ns	ns
26	26-Jun-00	0	0	0
26	27-Jun-00	0	0	0
26	28-Jun-00	0	0	0
26	29-Jun-00	0	0	0
26	30-Jun-00	0	0	0

*One chinook yearling was captured in the south trap on March 17, which was not calculated in the above table.

Daily 2000 Flow at OBB and Chinook Catch at Caswell



* catch peaked at 23,531 on 14-Feb and 11,358 on 16-Feb

Daily Chinook Mean Length at Caswell - Year 2000

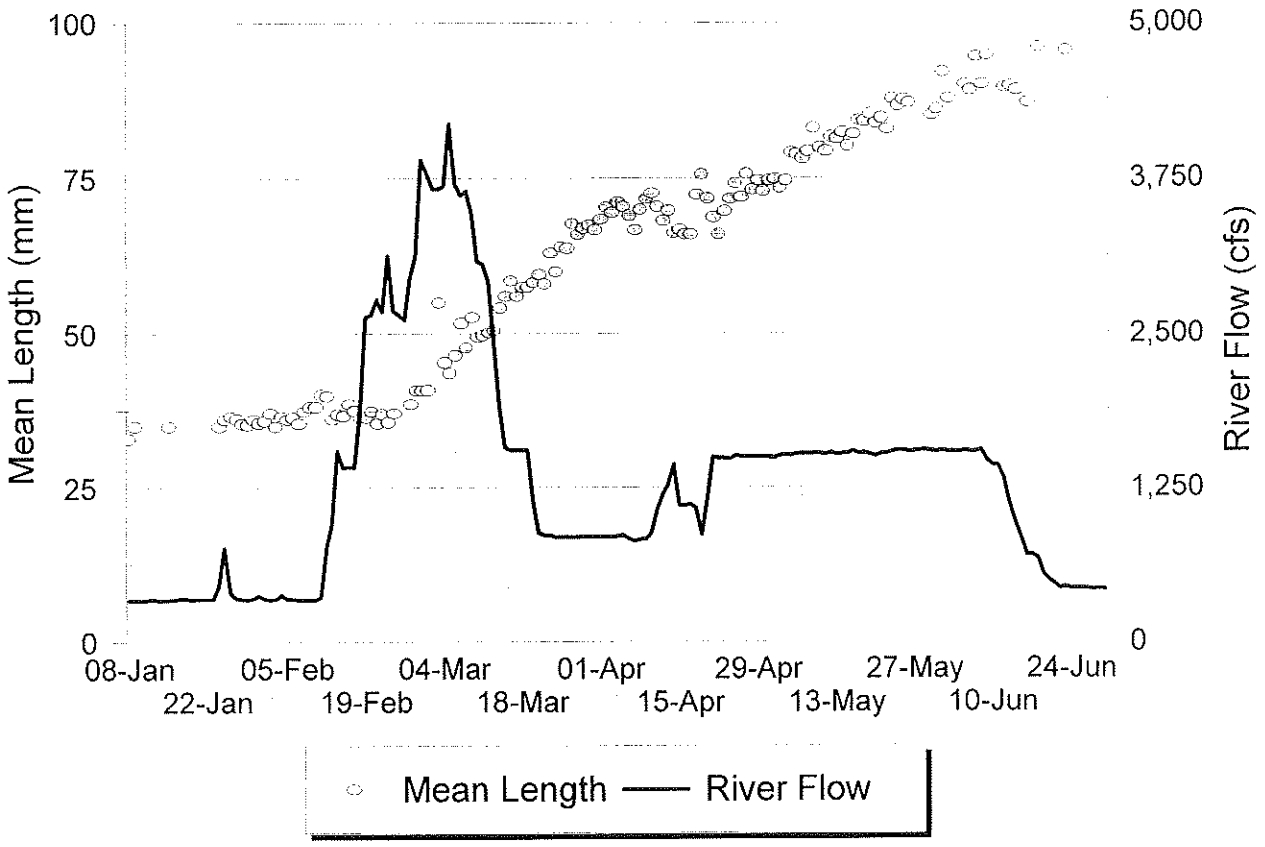
Date	North Trap Length (mm)	South Trap Length (mm)	Combined Length (mm)
16-Dec-99	nd	nd	nd
17-Dec-99	nd	nd	nd
18-Dec-99	nd	nd	nd
19-Dec-99	ns	ns	ns
20-Dec-99	nd	nd	nd
21-Dec-99	nd	nd	nd
22-Dec-99	nd	nd	nd
23-Dec-99	nd	nd	nd
24-Dec-99	ns	ns	ns
25-Dec-99	ns	ns	ns
26-Dec-99	ns	ns	ns
27-Dec-99	ns	ns	ns
28-Dec-99	nd	nd	nd
29-Dec-99	nd	nd	nd
30-Dec-99	nd	nd	nd
31-Dec-99	nd	nd	nd
01-Jan-00	ns	ns	ns
02-Jan-00	ns	ns	ns
03-Jan-00	nd	nd	nd
04-Jan-00	nd	nd	nd
05-Jan-00	nd	nd	nd
06-Jan-00	nd	nd	nd
07-Jan-00	nd	34	34
08-Jan-00	33	nd	33
09-Jan-00	35	nd	35
10-Jan-00	nd	nd	nd
11-Jan-00	nd	nd	nd
12-Jan-00	nd	nd	nd
13-Jan-00	nd	nd	nd
14-Jan-00	nd	nd	nd
15-Jan-00	35	nd	35
16-Jan-00	nd	nd	nd
17-Jan-00	nd	nd	nd
18-Jan-00	nd	nd	nd
19-Jan-00	nd	nd	nd
20-Jan-00	nd	nd	nd
21-Jan-00	nd	nd	nd
22-Jan-00	nd	nd	nd
23-Jan-00	nd	nd	nd
24-Jan-00	nd	35	35
25-Jan-00	36	nd	36
26-Jan-00	36.05	37	36.47
27-Jan-00	36.15	36.12	36.13
28-Jan-00	35.48	35.12	35.3
29-Jan-00	35.19	35.3	35.24
30-Jan-00	36.75	35.48	36.09
31-Jan-00	35.33	35.56	35.45
01-Feb-00	35.5	35.97	35.79
02-Feb-00	36.54	37.58	37.04
03-Feb-00	35.15	34.44	34.86
04-Feb-00	36.21	36.75	36.53
05-Feb-00	35.78	36.6	36.07
06-Feb-00	36.89	35.88	36.41
07-Feb-00	36.1	34.17	35.38
08-Feb-00	37.4	37	37.25
09-Feb-00	37.14	38.89	38.12
10-Feb-00	39.75	36	38.14
11-Feb-00	40.14	40	40.08
12-Feb-00	38	45.5	39.88
13-Feb-00	35.38	36.56	35.99
14-Feb-00	37.27	36.53	36.91
15-Feb-00	36.83	36.57	36.7
16-Feb-00	37.39	39.76	38.58
17-Feb-00	36.76	38.13	37.44
18-Feb-00	36.11	36.41	36.26
19-Feb-00	35.8	37.03	36.41
20-Feb-00	37.09	37.71	37.4
21-Feb-00	35.79	35.02	35.41
22-Feb-00	36.87	36.96	36.91
23-Feb-00	34.59	36.69	35.64
24-Feb-00	36	39.78	37.05
25-Feb-00	ns	ns	ns
26-Feb-00	ns	ns	ns
27-Feb-00	37.22	39.92	38.57
28-Feb-00	40.48	40.96	40.68
29-Feb-00	40.49	40.94	40.67

Date	North Trap Length (mm)	South Trap Length (mm)	Combined Length (mm)
01-Mar-00	39.08	41.92	40.86
02-Mar-00	ns	ns	ns
03-Mar-00	nd	55	55
04-Mar-00	45.88	44.73	45.33
05-Mar-00	41.78	45.09	43.63
06-Mar-00	44.87	49.2	46.57
07-Mar-00	53.56	43.5	51.73
08-Mar-00	48.84	42.25	47.7
09-Mar-00	45.55	56.5	52.65
10-Mar-00	47.63	54.25	49.42
11-Mar-00	48.5	50.26	49.78
12-Mar-00	47.78	54.14	50.09
13-Mar-00	50.35	50.75	50.54
14-Mar-00	53.33	55.02	54.27
15-Mar-00	53.26	57.32	56.07
16-Mar-00	58.57	58.56	58.56
17-Mar-00	56.86	55.36	56.05
18-Mar-00	56.56	58.53	57.46
19-Mar-00	56.93	58.21	57.62
20-Mar-00	58.62	57.86	58.25
21-Mar-00	59.94	59.24	59.58
22-Mar-00	58.03	57.88	57.97
23-Mar-00	62.28	63.71	62.99
24-Mar-00	59.42	60.55	59.99
25-Mar-00	61.06	66.39	63.9
26-Mar-00	61.61	66.19	63.76
27-Mar-00	65.91	69.12	67.71
28-Mar-00	65.8	66.15	66
29-Mar-00	67.79	66.41	67.11
30-Mar-00	70.18	64.95	67.44
31-Mar-00	67.89	64.45	66.78
01-Apr-00	68.13	68.62	68.39
02-Apr-00	70.12	70.63	70.36
03-Apr-00	68.69	72.71	69.51
04-Apr-00	72.02	70.64	71.24
05-Apr-00	71.71	68.82	70.47
06-Apr-00	67.24	70.81	69.03
07-Apr-00	67.39	65.91	66.67
08-Apr-00	70.31	69.39	69.99
09-Apr-00	70.68	73.13	71.72
10-Apr-00	72.06	73.25	72.58
11-Apr-00	72.17	68.72	70.52
12-Apr-00	68.53	67.98	68.17
13-Apr-00	70.31	69.25	69.84
14-Apr-00	65.46	67.2	66.34
15-Apr-00	67.19	66.26	66.77
16-Apr-00	64.61	66.4	66
17-Apr-00	66.42	65.5	65.94
18-Apr-00	72.24	72.38	72.32
19-Apr-00	74.1	76.31	75.69
20-Apr-00	75	65.5	71.83
21-Apr-00	68.28	68.99	68.77
22-Apr-00	66.15	65.92	66.05
23-Apr-00	70.15	69.44	69.78
24-Apr-00	73	70.89	71.6
25-Apr-00	73.71	74.83	74.12
26-Apr-00	72.08	71.96	72
27-Apr-00	79.45	74.16	75.78
28-Apr-00	73.87	72.81	73.2
29-Apr-00	76.28	73.44	74.62
30-Apr-00	76	71.77	73.02
01-May-00	77.38	73.63	74.68
02-May-00	75.76	74.38	74.86
03-May-00	75.68	72.26	73.42
04-May-00	75.25	74.55	74.76
05-May-00	79.5	78.83	79.13
06-May-00	78	79.14	78.82
07-May-00	79.8	77.55	78.25
08-May-00	nd	79.33	79.33
09-May-00	84.7	82.72	83.07
10-May-00	78.82	80.17	79.91
11-May-00	79.3	82	79.37
12-May-00	82.3	81.1	81.66
13-May-00	83.73	80.68	81.42
14-May-00	80.67	82.62	82.32
15-May-00	76.67	81.92	80.17

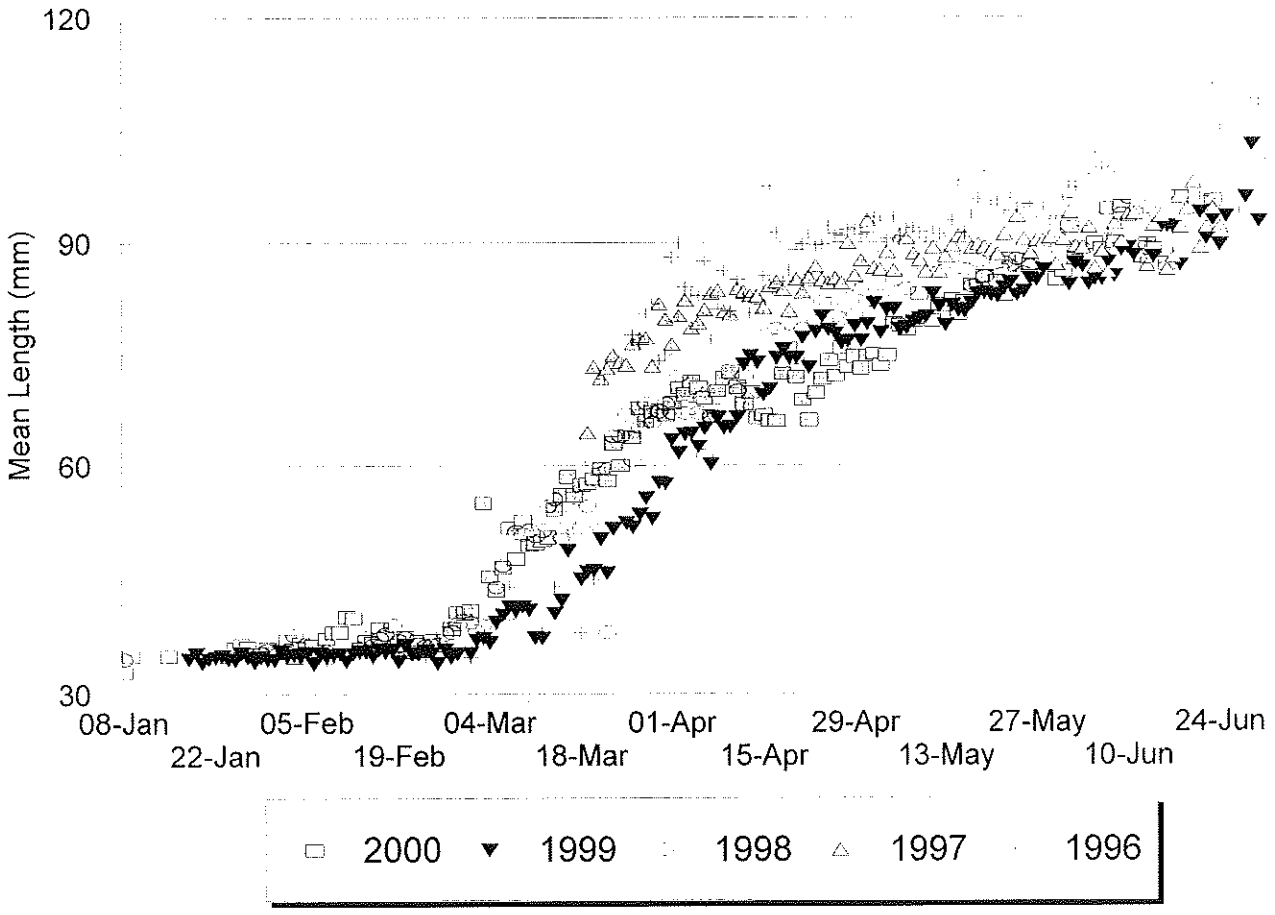
Date	North Trap Length (mm)	South Trap Length (mm)	Combined Length (mm)
16-May-00	80.6	83.08	82
17-May-00	83.27	84.46	84.2
18-May-00	84.61	83.98	84.13
19-May-00	86.24	84.98	85.29
20-May-00	84.06	83.54	83.68
21-May-00	86.72	83.89	84.68
22-May-00	84.14	82.44	82.79
23-May-00	84	89.09	87.73
24-May-00	86.64	nd	86.64
25-May-00	88.5	84.71	87.59
26-May-00	91.2	85.71	86.95
27-May-00	ns	ns	ns
28-May-00	ns	ns	ns
29-May-00	ns	ns	ns
30-May-00	85	85	85
31-May-00	83	88	86
01-Jun-00	89.83	94	91.92
02-Jun-00	89.38	85.33	87.64
03-Jun-00	ns	ns	ns
04-Jun-00	ns	ns	ns
05-Jun-00	91.67	88.5	89.86
06-Jun-00	91	87	89
07-Jun-00	93	100	94.4
08-Jun-00	88.5	91.5	90
09-Jun-00	94.5	94.71	94.67
10-Jun-00	ns	ns	ns
11-Jun-00	ns	ns	ns
12-Jun-00	90	88	89.5
13-Jun-00	88.75	91.5	89.67
14-Jun-00	nd	89	89
15-Jun-00	nd	nd	nd
16-Jun-00	87	nd	87
17-Jun-00	nd	nd	nd
18-Jun-00	96	nd	96
19-Jun-00	nd	nd	nd
20-Jun-00	nd	nd	nd
21-Jun-00	nd	nd	nd
22-Jun-00	nd	nd	nd
23-Jun-00	95	96	95.5
24-Jun-00	ns	ns	ns
25-Jun-00	ns	ns	ns
26-Jun-00	nd	nd	nd
27-Jun-00	nd	nd	nd
28-Jun-00	nd	nd	nd
29-Jun-00	nd	nd	nd
30-Jun-00	nd	nd	nd

*One chinook yearling was captured on March 17 measuring 140 mm (SI 3) in the south trap and is not calculated in the above daily means.

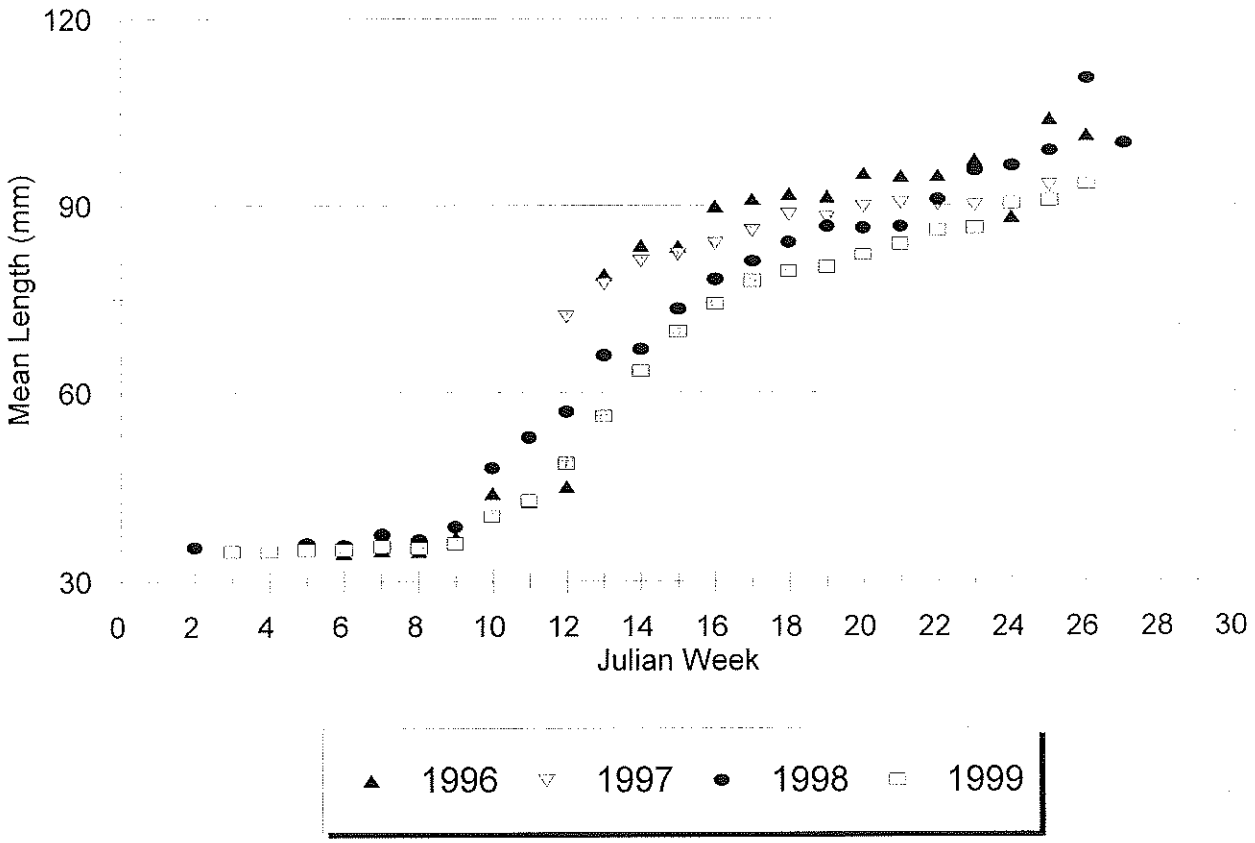
2000 Daily Chinook Mean Lengths at Caswell



Daily Chinook Mean Length at Caswell 1996 - 2000



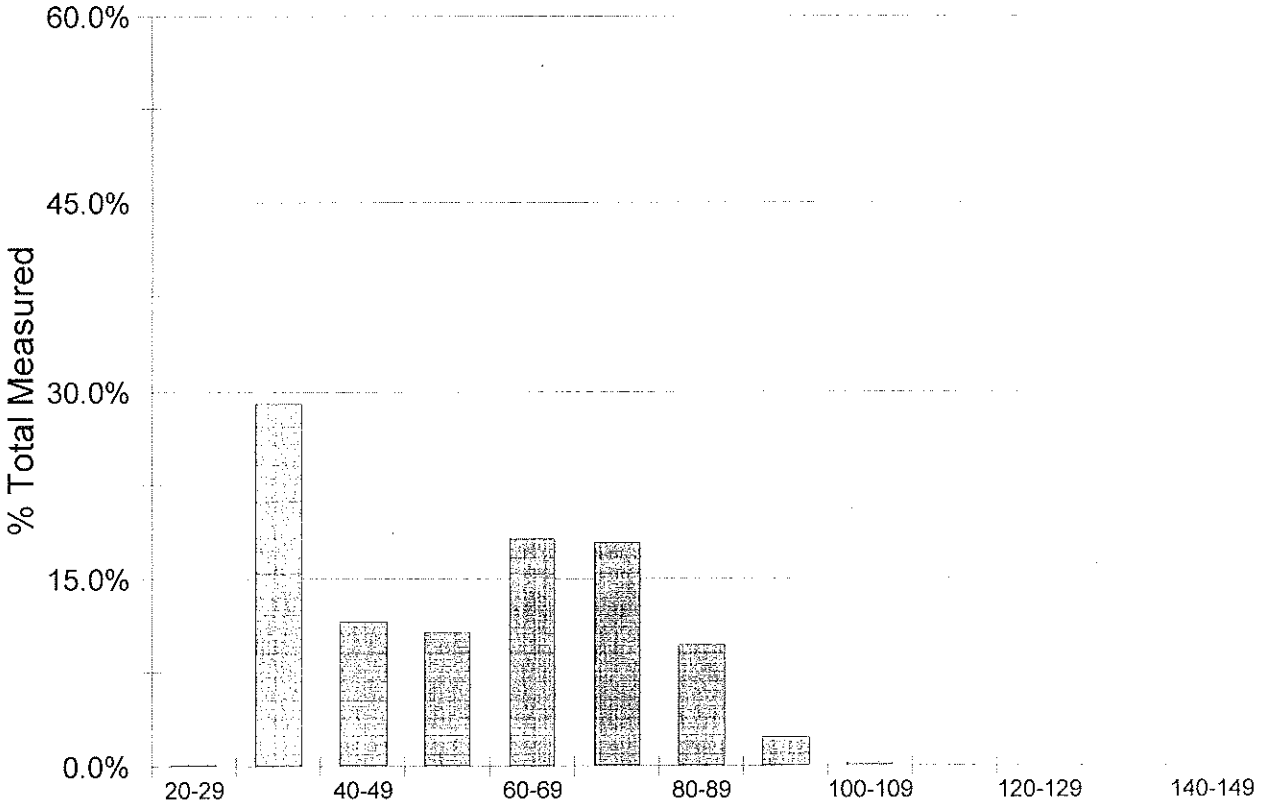
Mean Length by Julian Week at Caswell 1996 to 2000



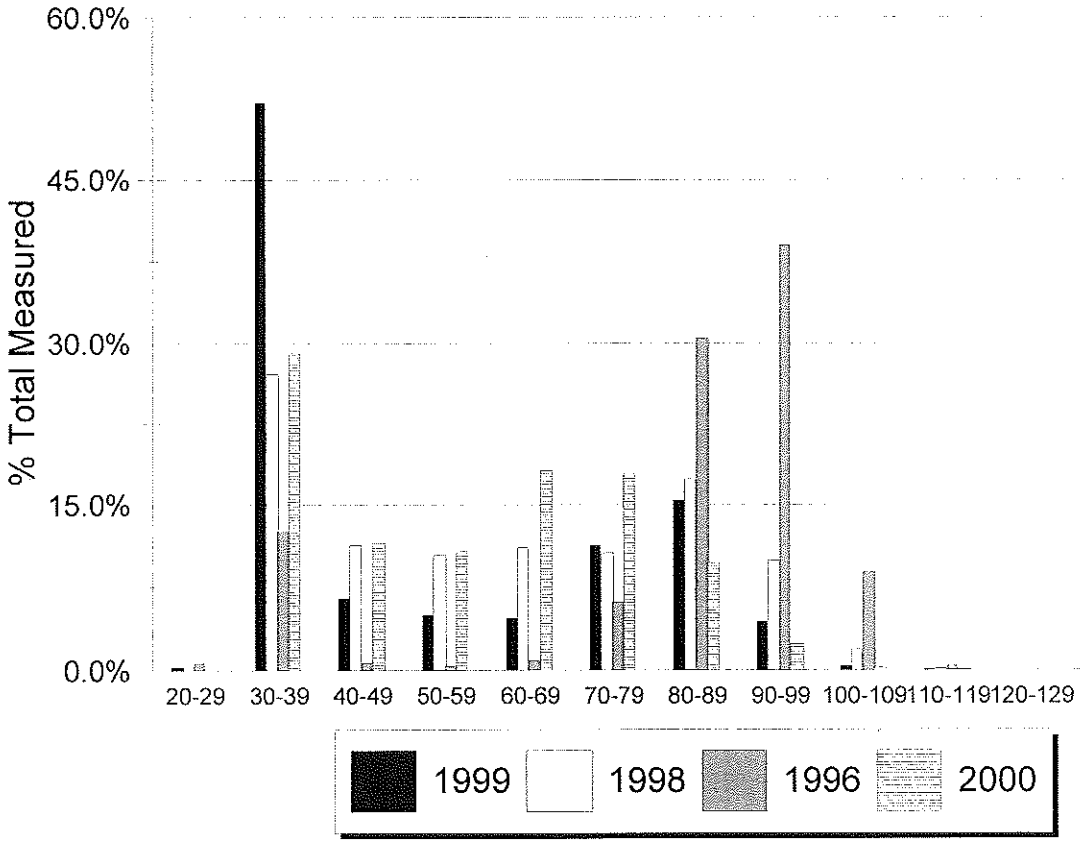
2000 Length frequency table for all chinook measured at Caswell.

Length Interval																														Season	
															Julian Week																
(mm)	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	Total	% Total
20-29							1	2		7	5			1	1																17	0.18%
30-39				1	2	1	362	400	80	863	733	248	69	31	7	1															2798	29.06%
40-49							18	16	17	309	82	154	164	202	125	21	5	1	1												1115	11.58%
50-59									2	9	14	52	116	230	298	98	101	68	36	9	2										1035	10.75%
60-69								1		1	1	4	64	183	283	159	203	308	269	171	86	9	4	3							1749	18.17%
70-79													5	44	133	173	268	222	171	212	193	160	104	33	3						1721	17.88%
80-89													1	12	25	53	82	76	52	72	80	151	194	94	26	12	7				937	9.73%
90-99																1	4	2	6	8	17	36	74	37	16	15	5	3			224	2.33%
100-109																				2		3	7	9	1	4					26	0.27%
110-119																			1	1	1		1								4	0.04%
120-129																															0	
130-139																															0	
140-149														1																	1	0.01%
				1	2	1	381	419	99	1189	835	458	419	704	872	506	663	677	536	475	379	359	384	176	46	31	12	3			9627	

Length Frequency of Measured Chinook at Caswell - 2000



Length Frequencies of Chinook Measured at Caswell - 1996, 1998,1999 and 2000



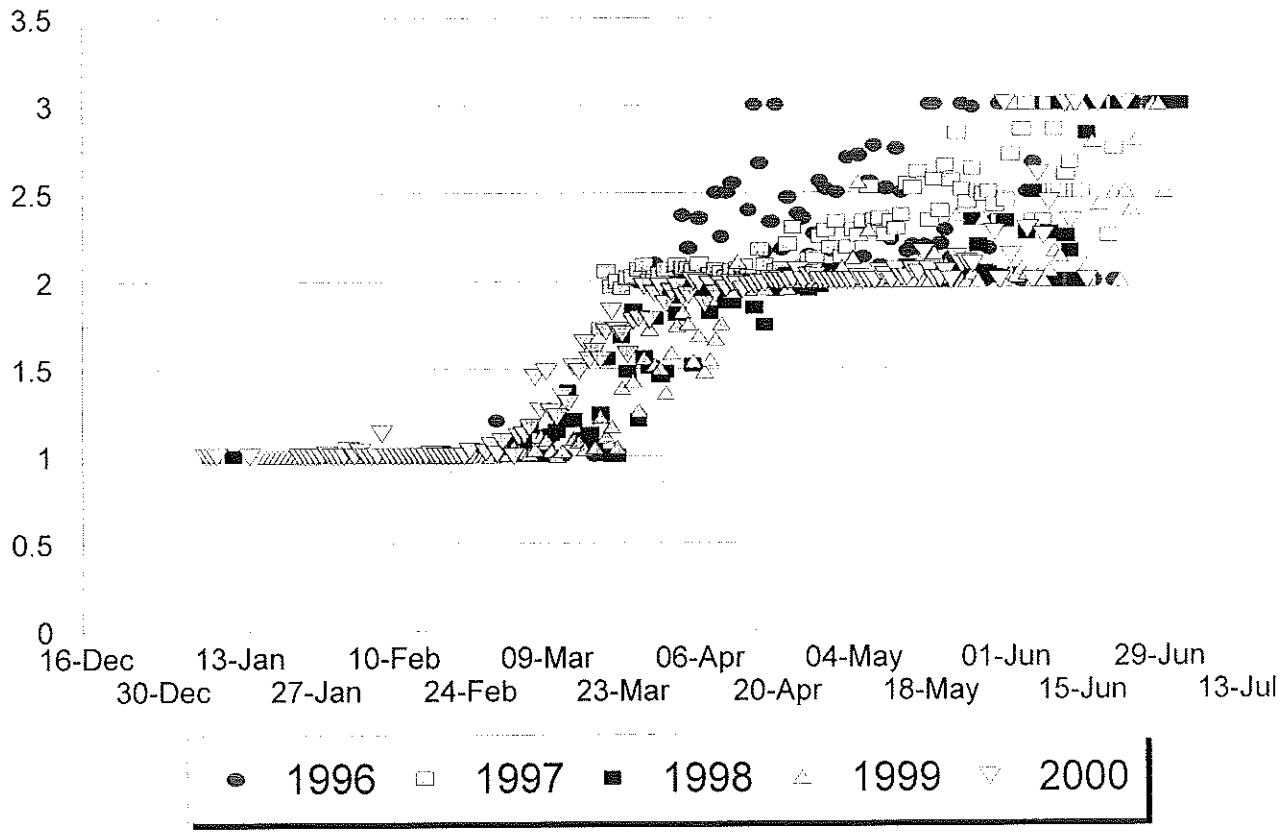
Chinook smolt index values for all natural chinook rated at Caswell during 2000.

	ST004N				ST004S				Combined			
Date	# 1	# 2	# 3	Mean Index	# 1	# 2	# 3	Mean Index	# 1	# 2	# 3	Mean Index
07-Jan-00					1			1.00	1			1.00
08-Jan-00	1			1.00					1			1.00
09-Jan-00	1			1.00					1			1.00
10-Jan-00												
11-Jan-00												
12-Jan-00												
13-Jan-00												
14-Jan-00												
15-Jan-00	1			1.00					1			1.00
16-Jan-00												
17-Jan-00												
18-Jan-00												
19-Jan-00												
20-Jan-00												
21-Jan-00												
22-Jan-00												
23-Jan-00												
24-Jan-00					1			1.00	1			1.00
25-Jan-00	1			1.00					1			1.00
26-Jan-00	21			1.00	17			1.00	38			1.00
27-Jan-00	75			1.00	121			1.00	196			1.00
28-Jan-00	71			1.00	74			1.00	145			1.00
29-Jan-00	69	1		1.01	70			1.00	139	1		1.01
30-Jan-00	48			1.00	52			1.00	100			1.00
31-Jan-00	24			1.00	27			1.00	51			1.00
01-Feb-00	18			1.00	29			1.00	47			1.00
02-Feb-00	13			1.00	11	1		1.08	24	1		1.04
03-Feb-00	13			1.00	9			1.00	22			1.00
04-Feb-00	14			1.00	19	1		1.05	33	1		1.03
05-Feb-00	9			1.00	5			1.00	14			1.00
06-Feb-00	9			1.00	8			1.00	17			1.00
07-Feb-00	10			1.00	6			1.00	16			1.00
08-Feb-00	9	1		1.10	5	1		1.17	14	2		1.13
09-Feb-00	7			1.00	9			1.00	16			1.00
10-Feb-00	4			1.00	3			1.00	7			1.00
11-Feb-00	7			1.00	6			1.00	13			1.00
12-Feb-00	6			1.00	2			1.00	8			1.00
13-Feb-00	53			1.00	57			1.00	110			1.00
14-Feb-00	70			1.00	70			1.00	140			1.00
15-Feb-00	70			1.00	70			1.00	140			1.00
16-Feb-00	70			1.00	71			1.00	141			1.00
17-Feb-00	70			1.00	69	1		1.01	139	1		1.01
18-Feb-00	70			1.00	70			1.00	140			1.00
19-Feb-00	70			1.00	70			1.00	140			1.00
20-Feb-00	70			1.00	70			1.00	140			1.00
21-Feb-00	90			1.00	88			1.00	178			1.00
22-Feb-00	70			1.00	70			1.00	140			1.00
23-Feb-00	70			1.00	70			1.00	140			1.00
24-Feb-00	70			1.00	24	3		1.11	94	3		1.03
25-Feb-00												
26-Feb-00												
27-Feb-00	50			1.00	48	2		1.04	98	2		1.02
28-Feb-00	70	5		1.07	49	3		1.06	119	8		1.06
29-Feb-00	71			1.00	48	1		1.02	119	1		1.01
01-Mar-00	24			1.00	35	5		1.13	59	5		1.08
02-Mar-00												
03-Mar-00					1			1.00	1			1.00
04-Mar-00	21	3		1.13	20	2		1.09	41	5		1.11
05-Mar-00	17	1		1.06	19	4		1.17	36	5		1.12
06-Mar-00	27	4		1.13	16	4		1.20	43	8		1.16
07-Mar-00	4	5		1.56	2			1.00	6	5		1.45
08-Mar-00	14	5		1.26	3	1		1.25	17	6		1.26
09-Mar-00	31	7		1.18	25	45		1.64	56	52		1.48
10-Mar-00	56	9		1.14	11	13		1.54	67	22		1.25
11-Mar-00	21	5		1.19	54	16		1.23	75	21		1.22
12-Mar-00	26	11		1.30	12	9		1.43	38	20		1.34
13-Mar-00	31	18		1.37	34	10		1.23	65	28		1.30
14-Mar-00	22	18		1.45	22	28		1.56	44	46		1.51
15-Mar-00	28	7		1.20	31	48		1.61	59	55		1.48
16-Mar-00	18	35		1.66	21	36		1.63	39	71		1.65
17-Mar-00	17	33		1.66	32	27		1.46	49	60		1.55
18-Mar-00	30	40		1.57	22	37		1.63	52	77		1.60
19-Mar-00	30	30		1.50	29	41		1.59	59	71		1.55
20-Mar-00	17	56		1.77	24	45		1.65	41	101		1.71
21-Mar-00	4	47		1.92	14	40		1.74	18	87		1.83
22-Mar-00	19	45		1.70	11	32		1.74	30	77		1.72
23-Mar-00	28	42	1	1.62	17	52	1	1.77	45	94	2	1.70
24-Mar-00	32	39		1.55	28	43		1.61	60	82		1.58
25-Mar-00	15	33	1	1.71	10	46		1.82	25	79	1	1.77
26-Mar-00	5	13		1.72	2	14		1.88	7	27		1.79
27-Mar-00	1	31		1.97	1	40		1.98	2	71		1.97
28-Mar-00	6	24		1.80	9	30		1.77	15	54		1.78
29-Mar-00	1	27		1.96	3	24		1.89	4	51		1.93
30-Mar-00	1	49		1.98	2	53		1.96	3	102		1.97
31-Mar-00	6	40		1.87	3	19		1.86	9	59		1.87

Chinook smolt index values for all natural chinook rated at Caswell during 2000.

	ST004N				ST004S				Combined			
Date	# 1	# 2	# 3	Mean Index	# 1	# 2	# 3	Mean Index	# 1	# 2	# 3	Mean Index
01-Apr-00	4	43		1.91	2	53		1.96	6	96		1.94
02-Apr-00	1	40		1.98	1	34		1.97	2	74		1.97
03-Apr-00	11	37	6	1.91	1	13		1.93	12	50	6	1.91
04-Apr-00	3	46	2	1.98	8	59		1.88	11	105	2	1.92
05-Apr-00		51		2.00		38		2.00		89		2.00
06-Apr-00	1	53		1.98		54		2.00	1	107		1.99
07-Apr-00	7	50		1.88	7	46		1.87	14	96		1.87
08-Apr-00		61		2.00	2	31		1.94	2	92		1.98
09-Apr-00	3	38		1.93	2	28		1.93	5	66		1.93
10-Apr-00	1	50		1.98	1	39		1.98	2	89		1.98
11-Apr-00	2	56		1.97	2	51		1.96	4	107		1.96
12-Apr-00		30		2.00	1	55		1.98	1	85		1.99
13-Apr-00		36		2.00	1	27		1.96	1	63		1.98
14-Apr-00	4	59		1.94	2	62		1.97	6	121		1.95
15-Apr-00		69	1	2.01	3	54		1.95	3	123	1	1.98
16-Apr-00	1	17		1.94	1	62		1.98	2	79		1.98
17-Apr-00	1	44		1.98		50		2.00	1	94		1.99
18-Apr-00		38		2.00	1	57		1.98	1	95		1.99
19-Apr-00		19	1	2.05		51		2.00		70	1	2.01
20-Apr-00		4		2.00		2		2.00		6		2.00
21-Apr-00		39		2.00		89		2.00		128		2.00
22-Apr-00		34		2.00		25		2.00		59		2.00
23-Apr-00		52	1	2.02		59		2.00		111	1	2.01
24-Apr-00		24	3	2.11		51	2	2.04		75	5	2.06
25-Apr-00		31		2.00		18		2.00		49		2.00
26-Apr-00		24		2.00		54	2	2.04		78	2	2.03
27-Apr-00		10	1	2.09		25		2.00		35	1	2.03
28-Apr-00		15		2.00		26		2.00		41		2.00
29-Apr-00		32		2.00		45		2.00		77		2.00
30-Apr-00		18		2.00		43		2.00		61		2.00
01-May-00		16		2.00		41		2.00		57		2.00
02-May-00		17		2.00		32		2.00		49		2.00
03-May-00		22		2.00		43		2.00		65		2.00
04-May-00		16		2.00		38		2.00		54		2.00
05-May-00		24		2.00		29	1	2.03		53	1	2.02
06-May-00		11		2.00		28		2.00		39		2.00
07-May-00		10		2.00		22		2.00		32		2.00
08-May-00						6		2.00		6		2.00
09-May-00		10		2.00		43	3	2.07		53	3	2.05
10-May-00		16	1	2.06		69	2	2.03		85	3	2.03
11-May-00		37		2.00		1		2.00		38		2.00
12-May-00		42	2	2.05		46	4	2.08		88	6	2.06
13-May-00		11		2.00		33	1	2.03		44	1	2.02
14-May-00		9		2.00		49	1	2.02		58	1	2.02
15-May-00		6		2.00		11	1	2.08		17	1	2.06
16-May-00		10		2.00		12	1	2.08		22	1	2.04
17-May-00		14	1	2.07		44	10	2.19		58	11	2.16
18-May-00		18		2.00		55	5	2.08		73	5	2.06
19-May-00		17		2.00		51	1	2.02		68	1	2.01
20-May-00		18		2.00		49	1	2.02		67	1	2.01
21-May-00		18		2.00		44	3	2.06		62	3	2.05
22-May-00		7		2.00		27		2.00		34		2.00
23-May-00		4		2.00		9	2	2.18		13	2	2.13
24-May-00		10	1	2.09						10	1	2.09
25-May-00		21	1	2.05		5	2	2.29		26	3	2.10
26-May-00		3	2	2.40		17		2.00		20	2	2.09
27-May-00												
28-May-00												
29-May-00												
30-May-00		2	1	2.33		9	3	2.25	0	11	4	2.27
31-May-00		2		2.00		3		2.00	0	5	0	2.00
01-Jun-00			6	3.00			6	3.00	0	0	12	3.00
02-Jun-00		7	1	2.13		5	1	2.17	0	12	2	2.14
03-Jun-00												
04-Jun-00												
05-Jun-00		2	1	2.33		3	1	2.25	0	5	2	2.29
06-Jun-00		3		2.00		3		2.00	0	6	0	2.00
07-Jun-00		2	2	2.50			1	3.00	0	2	3	2.60
08-Jun-00		2		2.00		1	1	2.50	0	3	1	2.25
09-Jun-00		1	1	2.50		4	3	2.43	0	5	4	2.44
10-Jun-00												
11-Jun-00												
12-Jun-00			3	3.00			1	3.00	0	0	4	3.00
13-Jun-00		2	2	2.50		2		2.00	0	4	2	2.33
14-Jun-00							1	3.00	0	0	1	3.00
15-Jun-00												
16-Jun-00		1		2.00					0	1	0	2.00
17-Jun-00												
18-Jun-00			1	3.00					0	0	1	3.00
19-Jun-00												
20-Jun-00												
21-Jun-00												
22-Jun-00												
23-Jun-00			1	3.00			1	3.00	0	0	2	3.00

1996 - 2000 Daily Smolt Index Values at Caswell



Caswell Releases and Recapture Data - Year 2000

Designated Release Code	Release Location	Release Date	Mark Type	Fish Stock	Release Time	Adjusted # Released	Number Recaptured	% Recaptured	Mean Length at Release (mm	Mean Length at Recap. (mm)	Flow (cfs)
C1	Caswell	29-Jan-00	Photonic	Natural	Night	950	146	15.37%	35.4	36.1	339
C2	Caswell	20-Feb-00	Photonic	Natural	Night	989	17	1.72%	35.9	36.1	2208
C3	Caswell	14-Mar-00	Photonic	Natural	Night	588	5	0.85%	51.3	58.2	2473
C4	Caswell	19-Mar-00	Photonic	Hatchery	Night	1906	69	3.62%	48.9	49.0	1694
C5	Caswell	21-Mar-00	Photonic	Hatchery	Night	2027	55	2.71%	49.8	48.5	1250
C6	Caswell	26-Mar-00	Photonic	Natural	Night	796	16	2.01%	58.6	56.8	1005
C7	Caswell	07-Apr-00	Photonic	Natural	Night	604	15	2.48%	70.2	70.8	942
C8	Caswell	20-Apr-00	Photonic	Natural	Night	839	9	1.07%	73.3	66.7	1045
C9	Caswell	05-May-00	Photonic	Natural	Night	150	1	0.67%	74.3	68.0	1510
C10	Caswell	09-May-00	Photonic	Natural	Night	160	1	0.63%	79.7	82.0	1578
C11	Caswell	12-May-00	Photonic	Natural	Night	208	8	3.85%	81.6	77.0	1527
C12	Caswell	17-May-00	Photonic	Natural	Night	110	3	2.73%	82.1	80.7	1617
C13	Caswell	20-May-00	Photonic	Hatchery	Night	1989	40	2.01%	81.9	83.6	1563
C14	Caswell	21-May-00	Photonic	Hatchery	Night	1988	51	2.57%	81.9	83.5	1515
C15	Caswell	22-May-00	Photonic	Hatchery	Night	1862	20	1.07%	81.9	86.1	1542
C-LE-01	Livebox	29-Jan-00	Photonic	Natural	Night	100	81	81.00%	35.4	36.0	403
C-LE-02	Livebox	20-Feb-00	Photonic	Natural	Night	40	19	47.50%	35.9	37.7	2208
C-LE-03	Livebox	04-Mar-00	Photonic	Natural	Night	106	63	59.43%	40.9	41.7	3311
C-LE-04	Livebox	29-Mar-00	Photonic	Natural	Night	93	88	94.62%	66.9	66.3	984
C-LE-05	Livebox	29-Apr-00	Photonic	Natural	Night	62	62	100.00%	73.9	73.6	1565
O2	Oakdale	21-Jan-00	Cold brand	Natural	Night	118	1	0.85%	34.5	36.0	343
O8	Oakdale	18-Mar-00	Photonic	Natural	Night	346	1	0.29%	49.7	69.0	1550
O10	Oakdale	18-May-00	Photonic	Hatchery	Night	1694	1	0.06%	86.8	80.0	1528
O11	Oakdale	19-May-00	Photonic	Hatchery	Night	1461	6	0.41%	83.2	81.8	1517
O12	Oakdale	20-May-00	Photonic	Hatchery	Night	1856	1	0.05%	85.6	85.0	1504
CFG-KF	Knights Ferry	18, 19-May-00	CWT/ ad-clip	Hatchery	Day/ Night	75000	127	0.17%	nd	85.9	1523

* Flow is at RIP for Caswell releases and OBB for upstream releases.

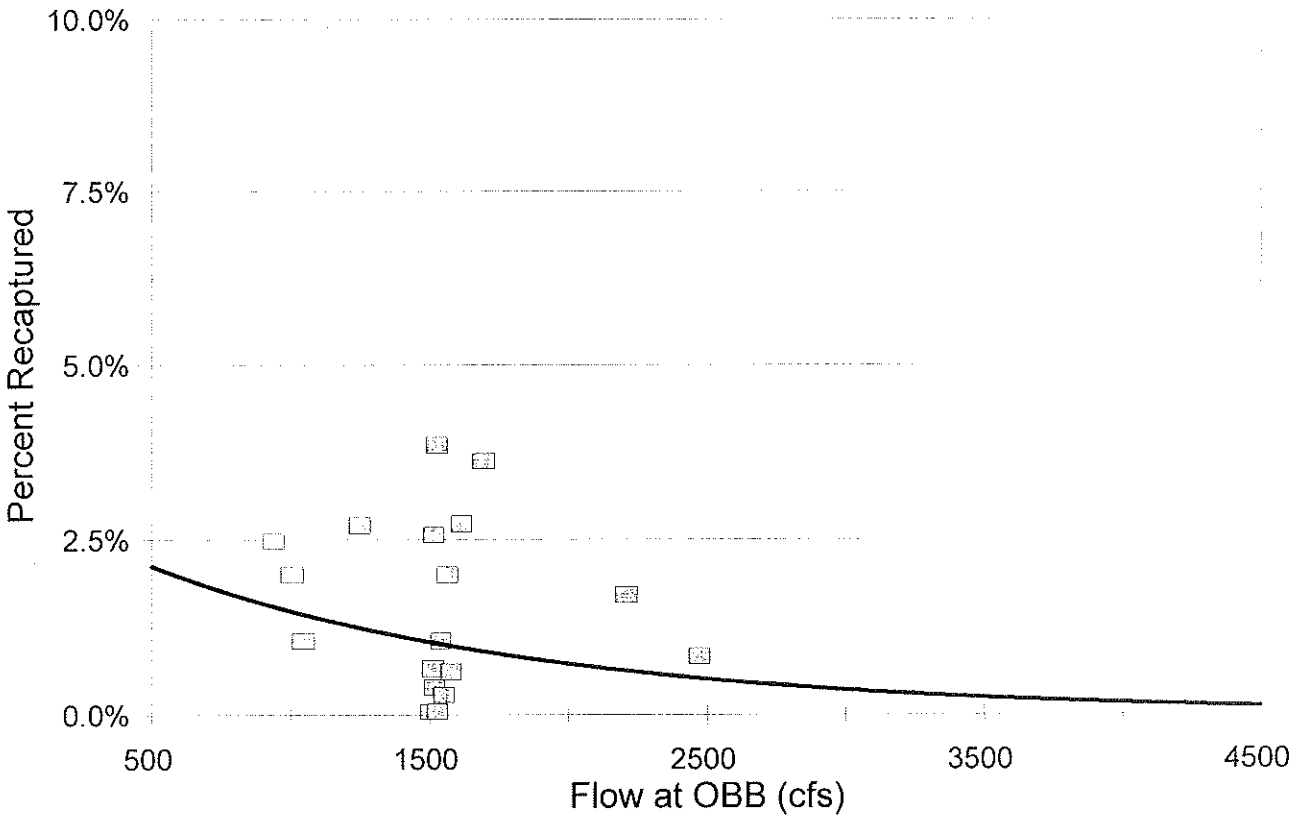
Number and Date of all Recaptures at Caswell during 2000

Date	C-LE-01	C-LE-02	C-LE-03	C-LE-04	C-LE-05	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	CFG-KF	O2	O8	O10	O11	O12
15-Jan-00																										
16-Jan-00																										
17-Jan-00																										
18-Jan-00																										
19-Jan-00																										
20-Jan-00																										
21-Jan-00																										
22-Jan-00																										
23-Jan-00																										
24-Jan-00																										
25-Jan-00																										
26-Jan-00																										
27-Jan-00																										
28-Jan-00																						1				
29-Jan-00																										
30-Jan-00	79					146																				
31-Jan-00	2																									
01-Feb-00																										
02-Feb-00																										
03-Feb-00																										
04-Feb-00																										
05-Feb-00																										
06-Feb-00																										
07-Feb-00																										
08-Feb-00																										
09-Feb-00																										
10-Feb-00																										
11-Feb-00																										
12-Feb-00																										
13-Feb-00																										
14-Feb-00																										
15-Feb-00																										
16-Feb-00																										
17-Feb-00																										
18-Feb-00																										
19-Feb-00																										
20-Feb-00																										
21-Feb-00		19					17																			
22-Feb-00																										
23-Feb-00																										
24-Feb-00																										
25-Feb-00																										
26-Feb-00																										
27-Feb-00																										
28-Feb-00																										
29-Feb-00																										
01-Mar-00																										
02-Mar-00																										
03-Mar-00																										
04-Mar-00																										
05-Mar-00			63																							
06-Mar-00																										
07-Mar-00																										
08-Mar-00																										
09-Mar-00																										
10-Mar-00																										
11-Mar-00																										
12-Mar-00																										
13-Mar-00																										
14-Mar-00																										
15-Mar-00								5																		
16-Mar-00																										
17-Mar-00																										
18-Mar-00																										
19-Mar-00																										
20-Mar-00									69																	
21-Mar-00																										
22-Mar-00										55																
23-Mar-00																										
24-Mar-00																										
25-Mar-00																										
26-Mar-00																										
27-Mar-00											16												1			
28-Mar-00																										
29-Mar-00																										
30-Mar-00				88								15														
31-Mar-00																										
01-Apr-00																										
02-Apr-00																										
03-Apr-00																										
04-Apr-00																										
05-Apr-00																										
06-Apr-00																										
07-Apr-00																										
08-Apr-00																										

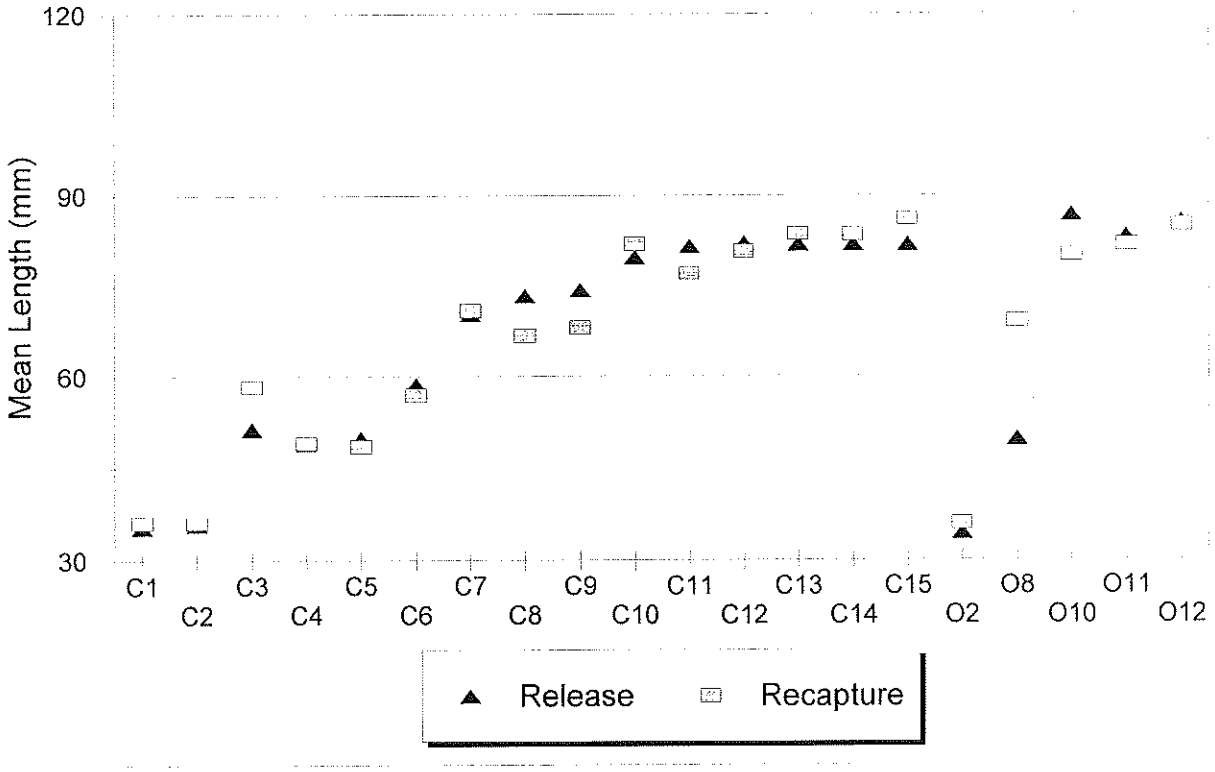
Number and Date of all Recaptures at Caswell during 2000

Date	C-LE-01	C-LE-02	C-LE-03	C-LE-04	C-LE-05	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	CFG-KF	O2	O8	O10	O11	O12
09-Apr-00																										
10-Apr-00																										
11-Apr-00																										
12-Apr-00																										
13-Apr-00																										
14-Apr-00																										
15-Apr-00																										
16-Apr-00																										
17-Apr-00																										
18-Apr-00																										
19-Apr-00																										
20-Apr-00																										
21-Apr-00													8													
22-Apr-00													1													
23-Apr-00																										
24-Apr-00																										
25-Apr-00																										
26-Apr-00																										
27-Apr-00																										
28-Apr-00																										
29-Apr-00					62																					
30-Apr-00																										
01-May-00																										
02-May-00																										
03-May-00																										
04-May-00																										
05-May-00														1												
06-May-00																										
07-May-00																										
08-May-00																										
09-May-00																										
10-May-00															1											
11-May-00																										
12-May-00																										
13-May-00																8										
14-May-00																										
15-May-00																										
16-May-00																										
17-May-00																	3									
18-May-00																										
19-May-00																										
20-May-00																					46			1		
21-May-00																		40			67				6	
22-May-00																			51		6					1
23-May-00																				20	1					
24-May-00																					2					
25-May-00																										
26-May-00																					2					
27-May-00																										
28-May-00																										
29-May-00																										
30-May-00																										
31-May-00																										
01-Jun-00																					1					
02-Jun-00																										
03-Jun-00																										
04-Jun-00																										
05-Jun-00																					1					
06-Jun-00																										
07-Jun-00																										
08-Jun-00																										
09-Jun-00																										
10-Jun-00																										
11-Jun-00																										
12-Jun-00																										
13-Jun-00																					1					
14-Jun-00																										
15-Jun-00																										
16-Jun-00																										
17-Jun-00																										
18-Jun-00																										
19-Jun-00																										
20-Jun-00																										
21-Jun-00																										
22-Jun-00																										
23-Jun-00																										
24-Jun-00																										
25-Jun-00																										
26-Jun-00																										
27-Jun-00																										
28-Jun-00																										
29-Jun-00																										
30-Jun-00																										
TOTAL	81	19	63	88	62	146	17	5	69	55	16	15	9	1	1	8	3	40	51	20	127	1	1	1	6	1

2000 Caswell Combined Trap Efficiency



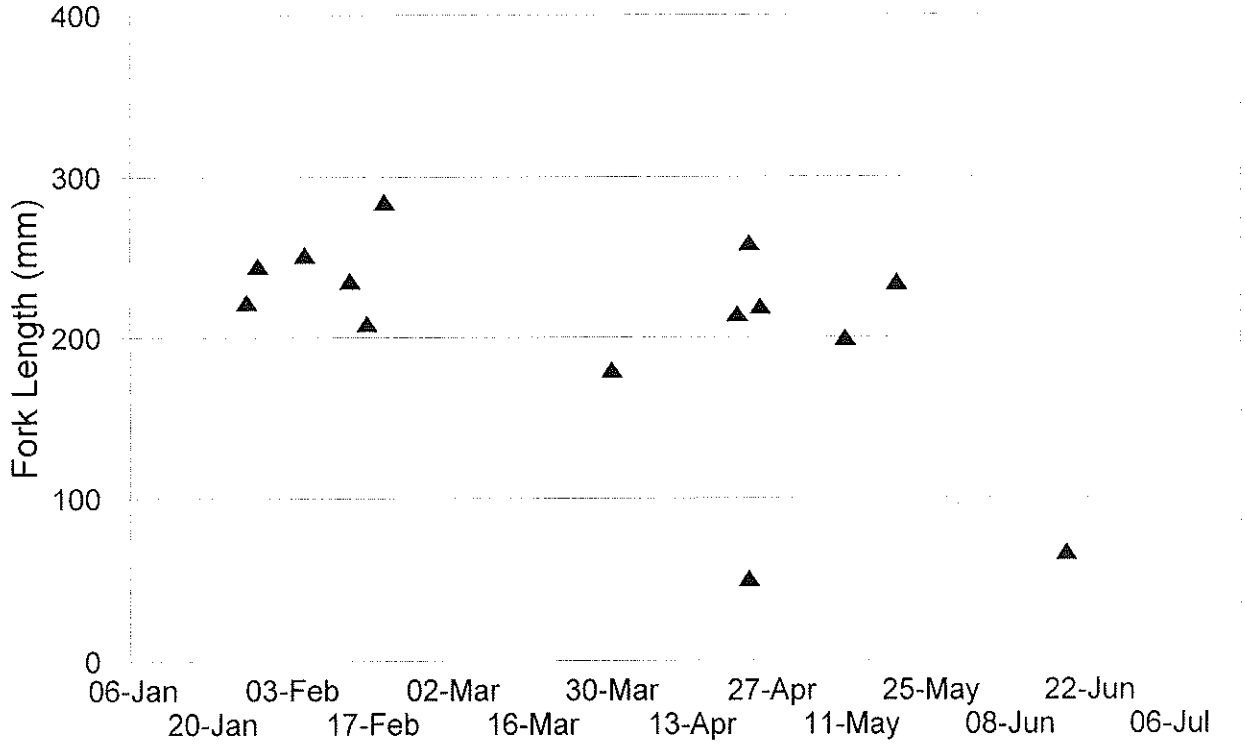
Mean Lengths at Release and Recapture for 2000 Caswell Efficiency Groups



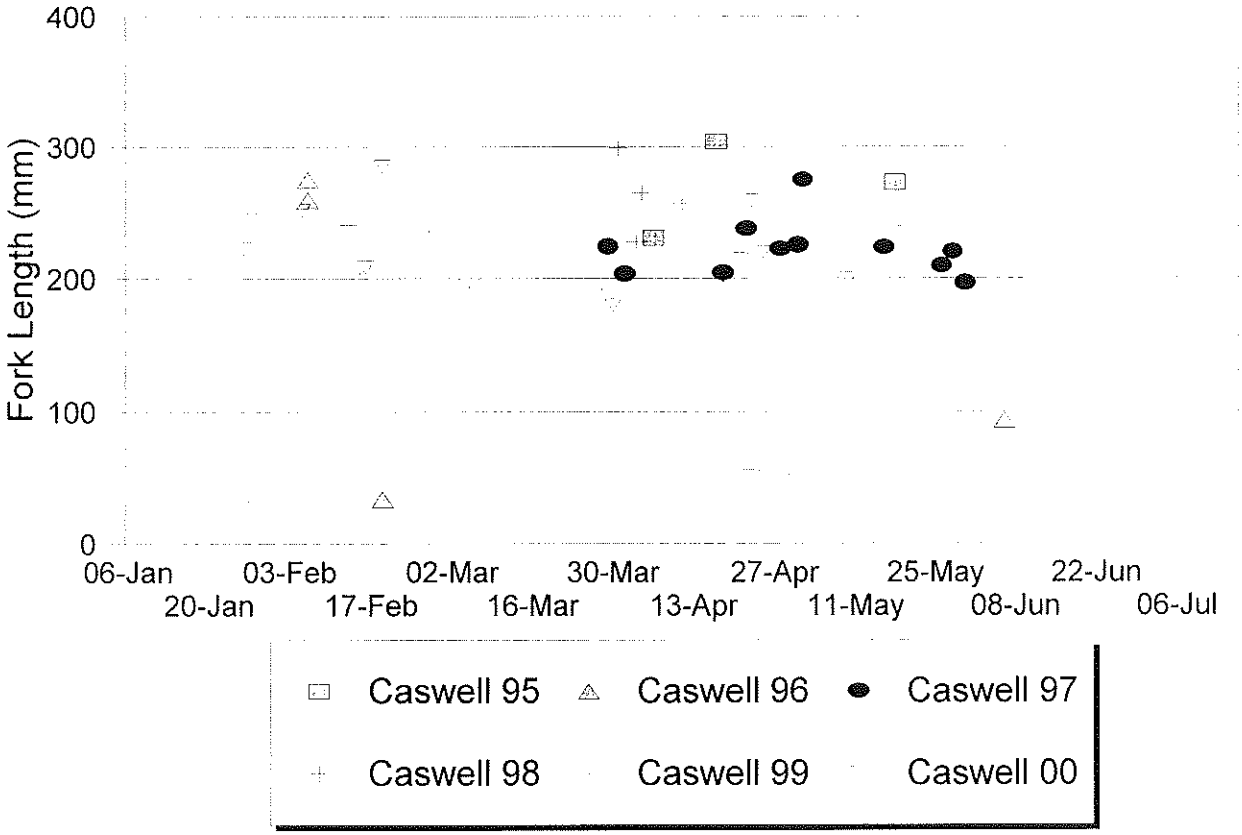
Rainbow/steelhead captured at Caswell during 2000.

Station	Date	Time	Length (mm)	Smolt Index
ST004S	26-Jan-00	45	223	5
ST004S	28-Jan-00	2400	245	5
ST004S	05-Feb-00	930	252	5
ST004S	13-Feb-00	1115	236	5
ST004S	16-Feb-00	1900	209	4
ST004S	19-Feb-00	1000	285	5
ST004S	30-Mar-00	900	180	5
ST004S	21-Apr-00	945	215	5
ST004S	23-Apr-00	930	259	5
ST004S	23-Apr-00	930	51	3
ST004S	23-Apr-00	2000	51	3
ST004S	25-Apr-00	930	220	5
ST004S	10-May-00	845	200	5
ST004S	19-May-00	1015	235	5
ST004N	18-Jun-00	930	67	3

Rainbow Trout/Steelhead Captured at Caswell During 2000



Rainbow/Steelhead Captured at Caswell 1995 - 2000



Number and Date of Capture for Non-salmonids Captured in the Caswell Traps during 2000.

	BGS	BKS	BRB	GF	GSN	HH	LAM	LMB	MQK	MSS	PL	PRS	RFS	RSN	SASQ	SASU	SMB	STB	TFS	TP	UNID	WHC	WHS	YEB
16-Dec-99	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Dec-99	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Dec-99	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Dec-99	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
21-Dec-99	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
22-Dec-99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-Dec-99	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-Dec-99	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
29-Dec-99	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-Dec-99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-Dec-99	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
02-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
03-Jan-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04-Jan-00	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
05-Jan-00	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
06-Jan-00	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-Jan-00	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08-Jan-00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09-Jan-00	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Jan-00	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Jan-00	1	0	0	0	0	0	1	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
12-Jan-00	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-Jan-00	2	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-Jan-00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Jan-00	2	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	0	1	0	0	0	0	0
16-Jan-00	4	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
17-Jan-00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Jan-00	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0
19-Jan-00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-Jan-00	0	0	0	0	0	0	11	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
21-Jan-00	4	0	0	0	0	0	2	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0
22-Jan-00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23-Jan-00	1	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan-00	3	0	0	0	0	0	179	0	0	0	352	2	1	0	0	0	0	0	1	0	0	0	0	0
25-Jan-00	12	0	0	0	0	0	163	5	0	1	308	2	0	0	1	0	0	0	0	0	0	0	0	0
26-Jan-00	170	0	0	0	0	0	128	17	3	0	366	0	0	1	0	0	0	0	1	0	0	0	0	0
27-Jan-00	186	0	0	0	0	0	244	33	3	0	117	1	0	0	0	0	0	0	0	0	0	0	3	0
28-Jan-00	140	0	0	0	0	0	18	25	1	0	499	1	0	0	2	1	0	0	0	0	0	0	1	0
29-Jan-00	27	1	0	0	0	0	132	12	0	1	0	1	0	0	0	2	0	0	1	0	0	1	1	0
30-Jan-00	14	0	0	0	0	0	4	6	0	0	5	2	0	0	0	1	0	0	0	0	0	0	0	0
31-Jan-00	5	0	0	0	1	1	17	0	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0
01-Feb-00	1	1	0	0	0	0	8	0	0	0	5	2	0	0	0	0	1	0	0	0	0	0	1	0
02-Feb-00	1	2	0	0	0	0	5	0	0	0	20	0	0	0	0	3	0	0	0	0	0	1	0	0
03-Feb-00	0	1	0	0	0	0	14	0	0	0	8	0	0	0	0	1	0	0	0	0	1	0	0	0
04-Feb-00	1	0	0	0	0	0	1	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
05-Feb-00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
06-Feb-00	0	0	0	0	0	0	8	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
07-Feb-00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08-Feb-00	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0
09-Feb-00	0	0	0	0	0	0	1	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0
10-Feb-00	1	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0
11-Feb-00	0	0	0	0	0	0	10	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0
12-Feb-00	1	0	0	0	0	0	5	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0
13-Feb-00	2	0	0	0	0	0	97	3	0	0	9	0	0	0	1	2	0	0	0	0	0	0	0	0
14-Feb-00	21	0	0	0	0	0	203	3	0	0	224	4	0	0	1	0	0	0	0	0	0	0	0	0
15-Feb-00	4	0	0	0	0	0	18	1	0	0	5	7	0	0	1	3	0	0	0	0	0	0	3	0
16-Feb-00	16	5	1	1	0	0	4	6	0	2	0	3	1	0	2	3	0	0	0	0	0	0	3	0
17-Feb-00	34	2	0	0	0	0	5	15	1	0	3	0	0	0	3	1	0	0	0	0	0	0	0	0
18-Feb-00	19	2	0	0	1	0	2	12	0	0	2	0	0	0	6	2	0	0	0	0	0	0	4	0
19-Feb-00	18	2	0	0	0	7	0	8	3	1	0	1	0	0	1	7	0	0	0	0	0	0	0	0
20-Feb-00	10	0	0	0	0	0	0	1	1	0	0	1	0	0	3	12	0	0	0	0	0	0	0	0

Number and Date of Capture for Non-salmonids Captured in the Caswell Traps during 2000.

	BGS	BKS	BRB	GF	GSN	HH	LAM	LMB	MOK	MSS	PL	PRS	RFS	RSN	SASQ	SASU	SMB	STB	TFS	TP	UNID	WHC	WHS	YEB
21-Feb-00	7	1	0	0	0	0	7	0	0	0	0	0	0	0	1	7	0	0	0	0	0	0	0	0
22-Feb-00	13	1	0	0	0	0	0	2	1	0	0	0	0	0	9	5	0	0	0	0	0	0	0	0
23-Feb-00	0	0	0	0	0	0	2	0	1	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0
24-Feb-00	7	0	0	0	0	0	0	2	2	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0
25-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Feb-00	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
28-Feb-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	17	0	0	0	0	0	0	0	0
29-Feb-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
01-Mar-00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02-Mar-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
03-Mar-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04-Mar-00	3	0	0	0	0	0	0	0	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0
05-Mar-00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0	0	0	0
06-Mar-00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	1	0	0	0
07-Mar-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
08-Mar-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0
09-Mar-00	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Mar-00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11-Mar-00	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-Mar-00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0
13-Mar-00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0
14-Mar-00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
15-Mar-00	8	1	0	0	0	0	0	1	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0
16-Mar-00	13	0	0	0	0	0	1	4	0	0	0	0	0	0	31	2	0	0	0	0	0	0	0	0
17-Mar-00	10	0	0	0	0	0	3	3	0	0	0	0	0	1	33	3	0	0	0	0	0	0	0	0
18-Mar-00	6	0	0	0	0	2	0	1	0	0	0	0	0	0	25	5	0	0	0	0	0	0	0	0
19-Mar-00	0	0	0	0	0	0	3	1	0	0	0	0	0	0	10	3	0	0	0	0	0	0	0	0
20-Mar-00	2	0	0	0	1	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0
21-Mar-00	1	0	0	0	0	0	0	1	2	0	0	0	0	0	6	0	0	0	0	1	0	0	0	0
22-Mar-00	11	0	0	0	0	0	2	4	0	0	0	0	0	0	9	4	0	0	0	0	0	0	0	0
23-Mar-00	5	0	0	0	0	0	16	4	2	0	0	0	0	0	21	2	0	0	0	0	0	0	0	0
24-Mar-00	1	0	0	0	0	0	0	4	0	0	0	0	0	0	9	1	0	0	0	0	0	0	0	0
25-Mar-00	2	0	0	0	0	4	0	1	9	0	3	0	0	0	6	1	0	0	0	0	0	0	0	0
26-Mar-00	1	0	0	0	0	0	0	1	14	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
27-Mar-00	1	0	0	0	0	0	0	2	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
28-Mar-00	1	0	0	0	0	0	4	0	9	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
29-Mar-00	1	0	0	0	0	0	1	0	5	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
30-Mar-00	0	0	0	0	0	0	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31-Mar-00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
01-Apr-00	0	0	0	0	0	0	2	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02-Apr-00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
03-Apr-00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
04-Apr-00	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05-Apr-00	0	0	0	0	0	0	0	1	7	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
06-Apr-00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-Apr-00	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08-Apr-00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
09-Apr-00	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Apr-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Apr-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
12-Apr-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-Apr-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
14-Apr-00	0	0	0	0	0	0	3	0	3	0	1	0	0	0	2	1	0	0	0	0	0	0	0	0
15-Apr-00	0	0	0	0	0	0	2	0	4	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0
16-Apr-00	0	0	0	0	0	0	5	0	2	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0
17-Apr-00	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-Apr-00	0	0	0	0	0	0	6	0	6	0	3	0	0	0	3	0	0	0	0	0	0	1	0	0
19-Apr-00	0	0	0	0	0	0	8	0	7	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
20-Apr-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1	0
21-Apr-00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	1	0	0	0	0	0	0	0	0
22-Apr-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
23-Apr-00	0	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
24-Apr-00	0	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
25-Apr-00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Apr-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
27-Apr-00	0	0	0	0	0	0	0	0	1	0	900	0	0	0	2	0	0	0	0	0	0	0	0	0

Number and Date of Capture for Non-salmonids Captured in the Caswell Traps during 2000.

	BGS	BKS	BRB	GF	GSN	HH	LAM	LMB	MQK	MSS	PL	PRS	RFS	RSN	SASQ	SASU	SMB	STB	TFS	TP	UNID	WHC	WHS	YEB
28-Apr-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-Apr-00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
30-Apr-00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01-May-00	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
04-May-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
06-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09-May-00	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
10-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
12-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
13-May-00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16-May-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-May-00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
18-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
19-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	1	0	0
20-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	2	0	0
21-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
22-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
23-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
24-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
27-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-00	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
31-May-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
07-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08-Jun-00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
09-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
12-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
13-Jun-00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
14-Jun-00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0
15-Jun-00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
16-Jun-00	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
17-Jun-00	0	0	0	0	0	0	0	73	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
18-Jun-00	0	0	0	0	0	0	1	5	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
19-Jun-00	0	0	0	0	0	0	0	13	1	0	0	0	0	0	4	0	0	0	0	1	0	0	1	0
20-Jun-00	0	0	0	0	0	0	0	11	0	0	0	0	0	0	1	0	0	1	1	0	0	6	0	0
21-Jun-00	0	0	0	0	0	0	2	8	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
22-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	5	0	0
23-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Jun-00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0
27-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
28-Jun-00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0
29-Jun-00	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-Jun-00	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
TOTAL	807	19	1	1	3	19	1,431	306	153	7	2,918	36	4	3	343	139	1	1	7	8	3	31	20	1
	BGS	BKS	BRB	GF	GSN	HH	LAM	LMB	MQK	MSS	PL	PRS	RFS	RSN	SASQ	SASU	SMB	STB	TFS	TP	UNID	WHC	WHS	YEB

Number Measured and Mean Lengths for Non-Salmonids Captured in the Caswell Traps during 2000.

	BGS		BKS		BRB		GF		GSN		HH		LMB		MQK		MSS		PRS		RFS	
Date	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)
16-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
17-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
19-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	80
29-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
30-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
31-Dec-99	1	38	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	74
01-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
02-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
03-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
04-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Jan-00	1	39	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	29	0	nd	0	nd	0	nd
12-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Jan-00	2	38	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-Jan-00	2	41.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-Jan-00	2	35	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	70	0	nd
16-Jan-00	4	35.25	0	nd	0	nd	0	nd	0	nd	0	nd	1	43	1	35	0	nd	1	61	0	nd
17-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
19-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
20-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	38	0	nd	0	nd	0	nd
21-Jan-00	4	61.25	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Jan-00	1	37	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Jan-00	3	38	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	81.5	1	54
25-Jan-00	12	39.67	0	nd	0	nd	0	nd	0	nd	0	nd	5	64.6	0	nd	1	85	2	89.5	0	nd
26-Jan-00	72	46.22	0	nd	0	nd	0	nd	0	nd	0	nd	17	59.12	3	30.33	0	nd	0	nd	0	nd
27-Jan-00	90	48.65	0	nd	0	nd	0	nd	0	nd	0	nd	33	55.15	3	27.67	0	nd	1	96	0	nd
28-Jan-00	69	42.96	0	nd	0	nd	0	nd	0	nd	0	nd	25	54.68	1	27	0	nd	1	75	0	nd
29-Jan-00	27	42.89	1	70	0	nd	0	nd	0	nd	0	nd	12	53.83	0	nd	1	87	1	80	0	nd
30-Jan-00	14	38.79	0	nd	0	nd	0	nd	0	nd	0	nd	6	52.5	0	nd	0	nd	2	79.5	0	nd
31-Jan-00	5	33.8	0	nd	0	nd	0	nd	1	58	1	37	0	nd	0	nd	0	nd	0	nd	0	nd
01-Feb-00	1	26	1	80	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	102	0	nd
02-Feb-00	1	33	2	77	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
03-Feb-00	0	nd	1	218	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
04-Feb-00	1	37	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-Feb-00	1	32	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	23	0	nd	0	nd	0	nd
07-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	64	0	nd
09-Feb-00	0	nd	0	nd	0	nd	1	265	0	nd	0	nd	0	nd	0	nd	0	nd	3	68.33	0	nd
10-Feb-00	1	47	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	55	0	nd
11-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-Feb-00	1	45	0	nd	0	nd	0	nd	1	84	0	nd	0	nd	0	nd	1	73	1	94	0	nd
13-Feb-00	2	42	0	nd	0	nd	0	nd	0	nd	0	nd	3	58.67	0	nd	0	nd	0	nd	0	nd
14-Feb-00	18	47.44	0	nd	0	nd	0	nd	0	nd	0	nd	2	65.5	0	nd	0	nd	4	79.25	0	nd
15-Feb-00	4	39.25	0	nd	0	nd	0	nd	0	nd	0	nd	1	40	0	nd	0	nd	7	79	0	nd
16-Feb-00	16	51.62	5	83.8	1	192	1	79	0	nd	0	nd	6	53.17	0	nd	2	87.5	3	93	1	89
17-Feb-00	27	50.56	2	79.5	0	nd	0	nd	0	nd	0	nd	15	53.8	1	31	0	nd	0	nd	0	nd
18-Feb-00	19	49.47	2	79	0	nd	0	nd	1	120	0	nd	12	49.67	0	nd	0	nd	0	nd	0	nd
19-Feb-00	18	49.67	2	84	0	nd	0	nd	0	nd	7	45.86	8	50.75	3	28	1	77	1	65	0	nd
20-Feb-00	10	46.5	0	nd	0	nd	0	nd	0	nd	0	nd	1	53	1	38	0	nd	1	115	0	nd
21-Feb-00	3	49	1	251	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-Feb-00	13	51.31	1	70	0	nd	0	nd	0	nd	0	nd	2	49	1	36	0	nd	0	nd	0	nd
23-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	28	0	nd	1	72	0	nd

Number Measured and Mean Lengths for Non-Salmonids Captured in the Caswell Traps during 2000.

	RSN		SASQ		SASU		SMB		STB		TFS		TP		UNID		WHC		WHS		YEB	
Date	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)
16-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
17-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
19-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Dec-99	0	nd	1	38	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	185	0	nd	0	nd
22-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
29-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
30-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
31-Dec-99	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
02-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
03-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
04-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-Jan-00	0	nd	0	nd	1	243	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	1	53	0	nd	0	nd	0	nd	0	nd	0	nd
16-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
17-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	29	0	nd	0	nd	0	nd
19-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
20-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	1	60	0	nd	0	nd	0	nd	0	nd	0	nd
25-Jan-00	0	nd	1	100	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
26-Jan-00	1	45	0	nd	0	nd	0	nd	0	nd	1	63	0	nd	0	nd	0	nd	0	nd	0	nd
27-Jan-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	98.67	0	nd
28-Jan-00	0	nd	2	62.5	1	34	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	75	0	nd
29-Jan-00	0	nd	0	nd	2	33	0	nd	0	nd	1	108	0	nd	0	nd	1	228	1	45	0	nd
30-Jan-00	0	nd	0	nd	1	39	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
31-Jan-00	0	nd	0	nd	1	35	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Feb-00	0	nd	0	nd	0	nd	1	265	0	nd	0	nd	0	nd	0	nd	0	nd	1	65	0	nd
02-Feb-00	0	nd	0	nd	3	44	0	nd	0	nd	0	nd	0	nd	0	nd	1	62	0	nd	0	nd
03-Feb-00	0	nd	0	nd	1	34	0	nd	0	nd	0	nd	0	nd	1	28	0	nd	0	nd	0	nd
04-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-Feb-00	0	nd	0	nd	1	51	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	62	0	nd
07-Feb-00	0	nd	0	nd	1	36	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Feb-00	0	nd	0	nd	1	42	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Feb-00	0	nd	1	74	2	39	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-Feb-00	0	nd	1	74	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-Feb-00	0	nd	1	56	3	47	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	122.67	0	nd
16-Feb-00	0	nd	2	71	3	51.33	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	79.67	0	nd
17-Feb-00	0	nd	3	56	1	46	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Feb-00	0	nd	6	52.17	2	37	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	4	70.25	0	nd
19-Feb-00	0	nd	1	55	7	48.14	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
20-Feb-00	0	nd	3	74.67	12	38.25	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Feb-00	0	nd	0	nd	7	39.71	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-Feb-00	0	nd	9	50.11	5	45.6	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Feb-00	0	nd	0	nd	5	40	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd

Number Measured and Mean Lengths for Non-Salmonids Captured in the Caswell Traps during 2000.

	BGS		BKS		BRB		GF		GSN		HH		LMB		MQK		MSS		PRS		RFS	
Date	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)
24-Feb-00	7	50.43	0	nd	0	nd	0	nd	0	nd	0	nd	2	59	2	32.5	0	nd	0	nd	0	nd
25-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Feb-00	2	68	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	36	0	nd	0	nd	0	nd
28-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
29-Feb-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Mar-00	1	80	0	nd	0	nd	0	nd	0	nd	0	nd	1	54	0	nd	0	nd	0	nd	0	nd
02-Mar-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
03-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
04-Mar-00	3	56.67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	37	0	nd	0	nd	0	nd
05-Mar-00	1	52	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Mar-00	1	59	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	27	0	nd	0	nd	0	nd
08-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	1	42	0	nd	1	31	0	nd	0	nd	0	nd
10-Mar-00	1	80	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Mar-00	1	55	0	nd	0	nd	0	nd	0	nd	2	49	0	nd	0	nd	0	nd	0	nd	0	nd
12-Mar-00	1	87	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	34	0	nd	0	nd	0	nd
13-Mar-00	1	57	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	35	0	nd	0	nd	0	nd
14-Mar-00	1	75	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-Mar-00	8	73.5	1	88	0	nd	0	nd	0	nd	0	nd	1	63	0	nd	0	nd	0	nd	0	nd
16-Mar-00	13	58.31	0	nd	0	nd	0	nd	0	nd	0	nd	4	56.75	0	nd	0	nd	0	nd	0	nd
17-Mar-00	10	68.3	0	nd	0	nd	0	nd	0	nd	0	nd	3	57.33	0	nd	0	nd	0	nd	0	nd
18-Mar-00	6	61.67	0	nd	0	nd	0	nd	0	nd	2	34.5	1	132	0	nd	0	nd	0	nd	0	nd
19-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	51	0	nd	0	nd	0	nd	0	nd
20-Mar-00	2	89.5	0	nd	0	nd	0	nd	1	43	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Mar-00	1	88	0	nd	0	nd	0	nd	0	nd	0	nd	1	51	2	32	0	nd	0	nd	0	nd
22-Mar-00	11	42.64	0	nd	0	nd	0	nd	0	nd	0	nd	4	55.25	0	nd	0	nd	0	nd	0	nd
23-Mar-00	5	44.6	0	nd	0	nd	0	nd	0	nd	0	nd	4	51.75	2	33	0	nd	0	nd	0	nd
24-Mar-00	1	41	0	nd	0	nd	0	nd	0	nd	0	nd	4	52.25	0	nd	0	nd	0	nd	0	nd
25-Mar-00	2	38	0	nd	0	nd	0	nd	0	nd	4	31.25	1	50	9	28.44	0	nd	0	nd	0	nd
26-Mar-00	1	33	0	nd	0	nd	0	nd	0	nd	0	nd	1	45	14	29.86	0	nd	0	nd	0	nd
27-Mar-00	1	41	0	nd	0	nd	0	nd	0	nd	0	nd	2	57	6	26.67	0	nd	0	nd	0	nd
28-Mar-00	1	41	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	9	27.56	0	nd	0	nd	0	nd
29-Mar-00	1	45	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	5	28.6	0	nd	0	nd	0	nd
30-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	60.5	1	29	0	nd	0	nd	0	nd
31-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	24	0	nd	0	nd	0	nd
01-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	6	28.33	0	nd	0	nd	0	nd
02-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	74	0	nd	0	nd	0	nd	0	nd
03-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	30.33	0	nd	0	nd	0	nd
04-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	14	25.14	0	nd	0	nd	0	nd
05-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	64	7	30.43	0	nd	0	nd	0	nd
06-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	28.33	0	nd	0	nd	0	nd
07-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	4	29.5	0	nd	0	nd	0	nd
08-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	4	25.75	0	nd	0	nd	0	nd
10-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	40	0	nd	0	nd	0	nd
14-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	30.67	0	nd	0	nd	0	nd
15-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	4	29.25	0	nd	0	nd	0	nd
16-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	41.5	0	nd	0	nd	0	nd
17-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	6	29.33	0	nd	0	nd	0	nd
19-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	7	28.71	0	nd	0	nd	0	nd
20-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	87	0	nd	0	nd
22-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	44	0	nd	0	nd	0	nd
23-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	34	0	nd	0	nd	0	nd
24-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
25-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
26-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	27	0	nd	0	nd	0	nd
27-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	27	0	nd	0	nd	0	nd
28-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	28	0	nd	0	nd	0	nd
29-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	1	71	0	nd	0	nd	0	nd	0	nd	0	nd
30-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	28.5	0	nd	0	nd	0	nd
01-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
02-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
03-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd

Number Measured and Mean Lengths for Non-Salmonids Captured in the Caswell Traps during 2000.

	RSN		SASQ		SASU		SMB		STB		TFS		TP		UNID		WHC		WHS		YEB	
Date	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)
24-Feb-00	0	nd	3	51.33	6	44.17	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
25-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
27-Feb-00	0	nd	2	38.5	2	40.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
28-Feb-00	0	nd	3	53.33	17	38.47	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
29-Feb-00	0	nd	2	35	2	40	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
02-Mar-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
03-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
04-Mar-00	0	nd	3	57	1	31	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-Mar-00	0	nd	1	50	9	40	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Mar-00	0	nd	2	56	4	38.5	0	nd	0	nd	0	nd	0	nd	1	34	0	nd	0	nd	0	nd
07-Mar-00	0	nd	4	65.75	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Mar-00	0	nd	4	47	1	60	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Mar-00	0	nd	0	nd	1	42	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-Mar-00	0	nd	1	72	3	44	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Mar-00	0	nd	3	65.67	2	37.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-Mar-00	0	nd	1	66	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-Mar-00	0	nd	22	57.14	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
16-Mar-00	0	nd	31	55.61	2	37	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
17-Mar-00	1	81	33	56.97	3	42.33	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Mar-00	0	nd	25	58.44	5	41.2	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
19-Mar-00	0	nd	10	67.3	3	56	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
20-Mar-00	0	nd	17	63.65	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-Mar-00	0	nd	6	54	0	nd	0	nd	0	nd	0	nd	1	115	0	nd	0	nd	0	nd	0	nd
22-Mar-00	0	nd	9	51.89	4	44	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Mar-00	0	nd	20	53.7	2	53.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Mar-00	0	nd	9	53.22	1	30	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
25-Mar-00	0	nd	6	54.33	1	64	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
26-Mar-00	0	nd	0	nd	2	36.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
27-Mar-00	0	nd	1	54	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
28-Mar-00	0	nd	2	40	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
29-Mar-00	0	nd	2	36.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
30-Mar-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
31-Mar-00	0	nd	0	nd	1	40	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
02-Apr-00	0	nd	1	76	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
03-Apr-00	0	nd	1	83	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
04-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-Apr-00	0	nd	2	44	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Apr-00	0	nd	1	32	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-Apr-00	0	nd	1	67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Apr-00	0	nd	1	67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-Apr-00	0	nd	2	56.5	1	40	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-Apr-00	0	nd	4	39.75	2	59	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
16-Apr-00	1	72	1	55	1	54	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	115	0	nd
17-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Apr-00	0	nd	3	65.33	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	215	0	nd	0	nd
19-Apr-00	0	nd	8	60.12	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
20-Apr-00	0	nd	3	61	1	50	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	187	0	nd
21-Apr-00	0	nd	3	61.67	1	57	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-Apr-00	0	nd	1	48	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Apr-00	0	nd	2	54	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Apr-00	0	nd	2	57	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
25-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
26-Apr-00	0	nd	2	59	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
27-Apr-00	0	nd	2	63	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
28-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
29-Apr-00	0	nd	1	62	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
30-Apr-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
02-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
03-May-00	0	nd	1	49	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd

Number Measured and Mean Lengths for Non-Salmonids Captured in the Caswell Traps during 2000.

	BGS		BKS		BRB		GF		GSN		HH		LMB		MQK		MSS		PRS		RFS	
Date	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)
04-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	43	0	nd	0	nd	0	nd
05-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	27	0	nd	0	nd	0	nd
10-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
12-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
16-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	40	0	nd	0	nd	0	nd
17-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	1	73	0	nd	0	nd	0	nd	0	nd	0	nd
18-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
19-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
20-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
21-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
22-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
25-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
26-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
27-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	28	0	nd	0	nd	0	nd	0	nd
31-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
02-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
03-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	70	0	nd	0	nd	0	nd	0	nd
09-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
12-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	26	0	nd	0	nd	0	nd	0	nd
14-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	37	0	nd	0	nd	0	nd	0	nd
15-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	21	0	nd	0	nd	0	nd
16-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	33.33	0	nd	0	nd	0	nd	0	nd
17-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	73	23.27	0	nd	0	nd	0	nd	0	nd
18-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	5	22.2	0	nd	0	nd	0	nd	0	nd
19-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	13	32.54	1	37	0	nd	0	nd	0	nd
20-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	11	27.27	0	nd	0	nd	0	nd	0	nd
21-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	8	22.75	0	nd	0	nd	0	nd	0	nd
22-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
23-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
26-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	25	0	nd	0	nd	0	nd	0	nd
27-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
28-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
29-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	25	0	nd	0	nd	0	nd	0	nd
30-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	23	0	nd	0	nd	0	nd	0	nd
	BGS		BKS		BRB		GF		GSN		HH		LMB		MQK		MSS		PRS		RFS	
	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)

Number Measured and Mean Lengths for Non-Salmonids Captured in the Caswell Traps during 2000.

	RSN		SASQ		SASU		SMB		STB		TFS		TP		UNID		WHC		WHS		YEB	
Date	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)
04-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
05-May-00	0	nd	1	51	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	103	0	nd	0	nd	0	nd	1	189
10-May-00	0	nd	1	56	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
11-May-00	0	nd	1	42	0	nd	0	nd	0	nd	0	nd	1	110	0	nd	0	nd	0	nd	0	nd
12-May-00	0	nd	2	68.5	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
14-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
15-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
16-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
17-May-00	0	nd	3	61.67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-May-00	0	nd	4	62.75	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
19-May-00	0	nd	6	61.67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	222	0	nd	0	nd
20-May-00	0	nd	5	58.2	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	2	207.5	0	nd	0	nd
21-May-00	0	nd	1	199	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	184	0	nd	0	nd
22-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	203	0	nd	0	nd
23-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	3	182.67	0	nd	0	nd
24-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
25-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
26-May-00	0	nd	1	67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
27-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	150	0	nd	0	nd
31-May-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
01-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
02-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
03-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
06-Jun-00	0	nd	1	72	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
07-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
08-Jun-00	0	nd	1	49	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
09-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
10-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
12-Jun-00	0	nd	1	31	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
13-Jun-00	0	nd	1	68	0	nd	0	nd	0	nd	1	95	0	nd	0	nd	0	nd	0	nd	0	nd
14-Jun-00	0	nd	2	56	0	nd	0	nd	0	nd	1	82	0	nd	0	nd	0	nd	0	nd	0	nd
15-Jun-00	0	nd	0	nd	1	23	0	nd	0	nd	0	nd	1	23	0	nd	0	nd	0	nd	0	nd
16-Jun-00	0	nd	2	50	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
17-Jun-00	0	nd	3	43.67	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
18-Jun-00	0	nd	1	48	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	160	0	nd	0	nd
19-Jun-00	0	nd	4	35.75	0	nd	0	nd	0	nd	0	nd	1	72	0	nd	0	nd	1	183	0	nd
20-Jun-00	0	nd	1	47	0	nd	0	nd	1	163	1	68	0	nd	0	nd	6	51.5	0	nd	0	nd
21-Jun-00	0	nd	1	44	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	188	0	nd	0	nd
22-Jun-00	0	nd	1	33	0	nd	0	nd	0	nd	0	nd	1	39	0	nd	5	145	0	nd	0	nd
23-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
24-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	0	nd
25-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	0	nd
26-Jun-00	0	nd	1	59	0	nd	0	nd	0	nd	0	nd	1	34	0	nd	1	140	0	nd	0	nd
27-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	162	0	nd	0	nd
28-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	41	0	nd	2	173.5	0	nd	0	nd
29-Jun-00	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd
30-Jun-00	0	nd	1	68	0	nd	0	nd	0	nd	0	nd	0	nd	0	nd	1	112	0	nd	0	nd
	RSN		SASQ		SASU		SMB		STB		TFS		TP		UNID		WHC		WHS		YEB	
	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)	#Meas.	Length (mm)

Caswell 2000 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
14-Dec-99	1200	0	nd	nd	nd	nd	nd	nd	CLR		4	0
15-Dec-99	1700	0	nd	nd	nd	nd	nd	nd	CLR		4	0
16-Dec-99	1030	nd	23.67	22.70	2.10	1.2	0.30	46.0	CLR		1	1
17-Dec-99	1015	nd	25.40	24.33	2.10	1.4	0.30	47.0	CLR		1	1
18-Dec-99	930	3619	25.87	24.80	2.50	1.3	0.20	48.0	CLR		1	3
19-Dec-99	1615	0	nd	nd	nd	nd	nd	nd	CLR		4	0
20-Dec-99	1015	nd	24.97	23.00	2.00	1.5	0.20	48.0	FOG		1	1
20-Dec-99	1600	988	nd	nd	nd	nd	nd	nd	CLR		1	1
21-Dec-99	1030	2752	26.47	22.73	2.00	1.4	0.20	48.0	CLR		1	2
22-Dec-99	930	3244	25.17	23.30	2.00	1.5	0.30	48.0	CLR		1	1
23-Dec-99	1000	3513	40.10	37.80	2.10	1.3	0.20	48.0	CLR		1	3
24-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
25-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
26-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
27-Dec-99	1615	0	nd	nd	nd	nd	nd	nd	CLR		4	0
28-Dec-99	930	2537	27.07	25.23	2.00	1.4	0.10	46.0	CLR		1	1
29-Dec-99	1015	3239	31.93	24.17	2.00	1.6	0.10	47.0	CLR		1	1
30-Dec-99	945	3145	29.50	24.90	2.20	1.3	nd	46.5	CLR		1	1
31-Dec-99	945	3140	29.70	23.17	2.00	1.4	nd	47.5	CLR		1	3
01-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
02-Jan-00	1615	0	nd	nd	nd	nd	nd	nd	CLR		4	0
03-Jan-00	1000	2398	29.13	25.37	2.10	0.9	0.30	48.0	CLR		1	1
04-Jan-00	1000	2961	31.70	nd	2.00	1.1	nd	47.0	CLD		1	1
05-Jan-00	1000	3048	26.40	23.70	2.10	0.7	nd	48.0	CLR		1	1
06-Jan-00	1000	3241	28.33	23.33	2.20	0.8	0.10	47.0	CLR		1	1
07-Jan-00	1045	2052	30.43	26.47	2.00	0.5	nd	49.0	CLR		3	1
08-Jan-00	1015	2460	nd	33.10	2.10	nd	nd	46.5	CLR		3	1
09-Jan-00	1030	3170	19.00	18.33	2.20	1.3	0.10	48.0	CLR		1	1
10-Jan-00	1045	3175	29.45	nd	2.00	nd	0.20	48.0	CLR		1	1
11-Jan-00	1245	3090	nd	28.48	2.00	1.2	0.40	49.0	CLD		3	1
12-Jan-00	1030	193	nd	22.60	1.90	0.9	0.38	50.0	CLD		3	1
12-Jan-00	1600	985	nd	nd	nd	nd	nd	nd	NIT		1	1
13-Jan-00	1045	3449	26.93	36.60	2.10	1.5	0.60	49.0	CLR		1	2
14-Jan-00	1045	3370	27.00	8.78	2.20	2.5	0.40	48.0	CLD		1	1
15-Jan-00	1045	3357	25.03	24.00	2.00	3	0.60	52.0	CLD		1	1
16-Jan-00	1045	3528	27.03	23.73	2.20	2.1	0.36	52.0	CLD		1	1
16-Jan-00	1830	1119	nd	nd	nd	nd	0.30	nd	NIT		1	1
17-Jan-00	1000	3330	24.93	22.43	2.30	3.3	0.60	51.0	RAN		1	2
17-Jan-00	1815	1282	nd	nd	nd	nd	0.30	nd	NIT		1	1
18-Jan-00	1000	1695	23.50	21.17	2.10	2.5	0.69	51.5	CLD		3	2
18-Jan-00	1830	1383	nd	nd	nd	nd	0.66	nd	NIT		1	1
19-Jan-00	1045	3926	24.33	23.33	2.60	2.7	0.70	52.0	CLD		1	2
19-Jan-00	2115	1662	nd	nd	nd	nd	0.50	nd	NIT		1	1
20-Jan-00	1000	3707	23.57	22.13	2.50	2.9	0.52	54.5	RAN		1	2
20-Jan-00	2245	1976	nd	nd	nd	nd	nd	53.0	NIT		1	1
21-Jan-00	1015	3673	24.60	23.33	2.20	2.9	0.40	53.5	CLR		1	2
22-Jan-00	1030	644	21.87	21.80	2.20	1.4	0.50	53.0	CLR		1	2
22-Jan-00	2100	1621	nd	nd	nd	nd	nd	nd	NIT		1	1
23-Jan-00	1015	3796	22.42	21.78	2.66	2.4	0.60	53.0	RAN		1	2
23-Jan-00	1930	411	nd	nd	nd	nd	0.92	nd	NIT		1	1
24-Jan-00	1115	1153	33.20	29.43	1.40	6.3	0.70	53.0	CLD		3	2
24-Jan-00	1930	1319	nd	nd	nd	nd	0.95	nd	NIT		1	1
24-Jan-00	2345	2048	nd	nd	nd	nd	1.30	nd	NIT		1	2
25-Jan-00	1100	3143	19.33	18.00	1.80	7	1.60	56.0	CLD		3	2
25-Jan-00	1900	1622	nd	nd	nd	nd	2.20	nd	NIT		1	1
26-Jan-00	130	1008	nd	nd	nd	nd	2.80	nd	NIT		3	2
26-Jan-00	1345	500	nd	nd	nd	22.4	2.60	nd	CLD		3	2
27-Jan-00	630	690	nd	nd	2.00	11.7	0.70	nd	NIT		1	2
27-Jan-00	115	389	nd	nd	nd	nd	nd	nd	NIT		3	2
27-Jan-00	1245	0	20.83	18.53	2.60	11.7	1.40	54.0	CLR		3	2
27-Jan-00	2000	1642	nd	nd	nd	nd	1.25	nd	NIT		1	2
28-Jan-00	200	2012	nd	nd	nd	nd	nd	nd	NIT		1	2
28-Jan-00	1100	4106	18.60	18.93	nd	15.7	1.10	51.5	FOG		1	2
29-Jan-00	45	2547	nd	nd	nd	nd	0.87	nd	NIT		1	1
29-Jan-00	1030	4151	21.43	19.97	2.30	9.4	0.65	nd	CLR		1	2
29-Jan-00	1900	1557	nd	nd	nd	nd	nd	53.0	NIT		1	1
29-Jan-00	2115	1947	nd	nd	nd	nd	nd	53.0	NIT		1	2
29-Jan-00	2200	2067	nd	nd	nd	nd	nd	53.0	NIT		1	2
30-Jan-00	1100	4377	21.27	20.80	2.30	6.7	0.50	nd	CLD		1	2
30-Jan-00	2045	636	nd	nd	nd	nd	0.50	nd	NIT		3	1
31-Jan-00	1000	2293	34.40	20.87	2.60	15	0.46	51.0	CLD		1	2
31-Jan-00	2245	2169	nd	nd	nd	nd	0.58	nd	NIT		1	1
01-Feb-00	1030	4165	20.80	20.50	2.50	4.1	0.55	51.0	CLR		1	2
01-Feb-00	1900	1472	nd	nd	nd	nd	0.50	nd	NIT		2	1
02-Feb-00	1200	4385	20.93	21.17	2.50	4.5	0.46	52.5	CLD		1	2
02-Feb-00	1900	1114	nd	nd	nd	nd	0.38	nd	NIT		1	1
03-Feb-00	1115	3772	22.67	22.00	2.40	3.1	0.30	51.0	CLD		1	2
04-Feb-00	1045	3810	19.70	18.67	nd	2.9	0.35	51.5	CLD		1	1
05-Feb-00	945	3882	20.93	20.50	2.30	1.8	0.50	52.0	CLR		1	1
05-Feb-00	2000	1819	nd	nd	nd	nd	0.50	nd	NIT		1	1
06-Feb-00	1200	4550	21.80	21.93	6.10	4	0.30	52.0	CLR		1	2
06-Feb-00	2130	1540	nd	nd	nd	nd	0.50	nd	NIT		1	1
07-Feb-00	1030	3713	22.03	22.03	2.20	3.3	0.26	52.0	CLR		1	1
07-Feb-00	2115	1679	nd	nd	nd	nd	0.30	nd	NIT		1	1
08-Feb-00	1045	3796	20.93	22.90	2.20	2.8	0.20	53.0	CLR		1	2
08-Feb-00	2045	1658	nd	nd	nd	nd	0.22	nd	NIT		1	1
09-Feb-00	1115	3864	23.23	23.30	2.30	5.4	0.2	53.0	CLD		3	2
09-Feb-00	1815	1054	nd	nd	nd	nd	0.20	nd	NIT		1	1
10-Feb-00	1000	3444	24.13	24.67	2.10	3.4	0.19	52.0	RAN		1	2
10-Feb-00	1945	1553	nd	nd	nd	nd	0.25	nd	NIT		1	1

Caswell 2000 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
11-Feb-00	1130	2859	nd	23.07	2.10	3.1	0.28	51.0	CLD		3	2
11-Feb-00	2000	1312	nd	nd	nd	nd	0.29	nd	NIT		1	1
12-Feb-00	1315	4232	22.03	21.60	nd	8.9	0.52	52.0	CLD		1	2
12-Feb-00	2130	1448	nd	nd	2.90	nd	1.10	nd	NIT		1	1
13-Feb-00	1145	1535	nd	17.07	2.60	37.7	2.77	50.0	RAN		3	2
13-Feb-00	2045	1023	nd	nd	nd	nd	2.40	nd	NIT		3	1
14-Feb-00	15	812	nd	nd	nd	nd	2.50	nd	NIT		2	2
14-Feb-00	1230	1624	15.20	15.20	2.70	34.7	4.20	52.0	CLR		3	2
14-Feb-00	2000	290	nd	nd	nd	nd	4.60	51.0	NIT		3	1
15-Feb-00	930	622	nd	15.17	2.57	23.2	5.35	52.0	CLR		3	2
16-Feb-00	115	382	nd	nd	nd	nd	5.30	nd	NIT		1	1
16-Feb-00	930	1944	15.17	14.50	3.00	14.3	5.10	51.0	CLD		1	1
16-Feb-00	1915	2318	nd	nd	nd	nd	4.90	50.0	NIT		1	1
17-Feb-00	1115	6262	nd	nd	3.10	9.3	4.95	49.0	CLR		1	2
17-Feb-00	2015	1926	nd	nd	nd	nd	nd	nd	NIT		1	1
18-Feb-00	1015	5151	15.03	15.67	nd	5.3	5.00	52.0	CLD		1	2
18-Feb-00	2000	2197	nd	nd	nd	nd	4.90	nd	NIT		1	1
19-Feb-00	1045	3365	14.83	14.60	2.70	3.3	5.18	53.0	CLR		1	2
19-Feb-00	1430	nd	nd	nd	nd	nd	nd	nd	nd		4	0
19-Feb-00	1945	1231	nd	nd	nd	nd	6.20	nd	NIT		1	1
20-Feb-00	1030	3320	15.37	14.20	2.80	5.9	6.0+	53.5	CLD		1	2
20-Feb-00	1900	1991	nd	nd	nd	nd	nd	nd	NIT		1	1
20-Feb-00	2030	nd	nd	nd	nd	nd	nd	nd	NIT		1	2
20-Feb-00	2145	nd	nd	nd	nd	nd	nd	nd	NIT		1	2
21-Feb-00	1015	5585	15.43	15.33	3.10	4.3	6.0+	52.0	CLR		1	2
21-Feb-00	2000	2314	nd	nd	nd	nd	6.0+	54.0	NIT		1	1
22-Feb-00	1015	5566	15.27	14.37	2.90	11.3	6.0+	53.0	CLD		1	2
22-Feb-00	2145	2851	nd	nd	nd	nd	6.0+	nd	NIT		1	1
23-Feb-00	1100	4816	15.60	15.23	2.60	10.3	6.0+	53.0	CLD		3	2
23-Feb-00	2230	2682	nd	nd	nd	nd	6.0+	nd	NIT		1	1
24-Feb-00	1030	3897	nd	nd	2.70	19	6.0+	51.5	CLR		3	3
24-Feb-00	1800	0	nd	nd	nd	nd	3.50	nd	NIT		4	0
25-Feb-00	1100	859	nd	nd	nd	8.7	2.00	53.0	CLR		4	3
26-Feb-00	1900	0	nd	nd	nd	nd	nd	nd	nd		4	0
27-Feb-00	945	3639	14.70	14.50	2.70	5.5	1.30	nd	CLD		2	1
27-Feb-00	2015	656	nd	nd	nd	nd	1.30	nd	NIT		3	1
28-Feb-00	900	2896	14.23	14.13	2.80	10.7	1.70	nd	CLD		1	2
28-Feb-00	2145	0	nd	nd	nd	nd	2.10	nd	NIT		3	1
29-Feb-00	1045	0	nd	11.67	2.70	11.2	2.20	52.0	RAN		3	2
29-Feb-00	2030	nd	nd	nd	nd	nd	2.70	nd	NIT		3	1
01-Mar-00	1100	343	nd	nd	nd	6.7	2.50	54.0	CLR		3	3
01-Mar-00	1400	nd	nd	nd	nd	nd	nd	nd	CLR		4	0
02-Mar-00	1230	nd	nd	nd	nd	6.7	4.00	nd	RAN		4	0
02-Mar-00	2000	0	nd	nd	nd	nd	4.90	nd	NIT		4	0
03-Mar-00	1030	148	nd	18.77	3.40	3.3	nd	51.0	CLR		3	1
03-Mar-00	2000	2116	nd	nd	nd	nd	3.70	nd	NIT	Medium	1	1
04-Mar-00	1015	803	12.77	13.53	3.10	6.7	3.72	52.0	CLD	Low	3	2
04-Mar-00	2000	1528	nd	nd	nd	nd	3.70	nd	NIT	High	3	1
05-Mar-00	1245	1497	nd	12.37	3.27	7.8	3.72	52.0	CLD	High	3	2
05-Mar-00	1945	1414	nd	nd	nd	nd	3.72	nd	NIT	Medium	1	1
06-Mar-00	1130	116	nd	nd	3.60	9.2	nd	51.0	CLR	nd	3	3
06-Mar-00	1745	0	ns	ns	ns	ns	4.80	ns	NIT	ns	4	0
07-Mar-00	1015	614	nd	nd	3.41	7.3	4.60	52.0	CLD	High	3	3
07-Mar-00	1845	0	ns	ns	ns	ns	ns	ns	NIT	ns	4	0
08-Mar-00	915	1941	14.40	14.73	2.90	5.3	4.10	52.0	CLR	Medium	3	1
08-Mar-00	2100	1140	nd	nd	nd	nd	4.00	nd	NIT	Medium	3	1
09-Mar-00	1130	1970	15.13	13.33	2.60	6.1	4.00	52.0	CLR	Low	3	2
09-Mar-00	2130	640	nd	nd	nd	nd	4.00	nd	NIT	Medium	3	1
10-Mar-00	1000	3479	19.83	13.60	2.70	4.82	4.00	50.0	CLR	Medium	1	2
10-Mar-00	2045	1235	nd	nd	nd	nd	3.60	nd	NIT	Low	3	1
11-Mar-00	1100	439	14.90	15.07	2.50	3.6	3.12	52.0	CLD	Low	3	2
11-Mar-00	2215	2203	nd	nd	nd	nd	3.00	51.0	NIT	nd	2	1
12-Mar-00	1000	5378	16.00	16.67	2.84	3.28	3.10	50.5	CLR	nd	1	2
12-Mar-00	2100	2229	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
13-Mar-00	945	5320	14.90	14.53	3.30	2.41	2.76	52.0	CLR	Medium	1	2
14-Mar-00	1045	2193	nd	15.07	2.80	2.25	1.80	52.0	CLR	Low	3	1
14-Mar-00	2145	2080	nd	nd	nd	nd	1.00	nd	NIT	Medium	3	1
14-Mar-00	2330	2636	nd	nd	nd	nd	1.00	53.0	NIT	Low	1	2
14-Mar-00	2400	2731	nd	nd	nd	nd	1.00	53.0	NIT	Low	1	2
15-Mar-00	1045	3172	32.58	16.48	3.00	3.24	0.50	55.0	CLR	nd	3	2
15-Mar-00	2130	1809	nd	nd	nd	nd	0.50	nd	NIT	Low	3	1
16-Mar-00	1215	3223	16.38	15.71	2.85	4	nd	54.0	CLR	High	1	2
16-Mar-00	2100	1696	nd	nd	nd	nd	nd	nd	NIT	Medium	1	1
17-Mar-00	1200	5122	15.67	15.40	3.00	5.05	3.00	52.0	CLR	Medium	1	2
17-Mar-00	2115	2022	nd	nd	nd	nd	3.08	nd	NIT	High	1	1
18-Mar-00	1100	5045	16.17	16.50	2.90	4.72	3.00	54.0	CLR	Low	1	2
18-Mar-00	1945	1868	nd	nd	nd	nd	3.00	nd	NIT	Low	1	1
19-Mar-00	930	3159	18.43	16.13	2.30	3.66	2.90	52.0	CLR	Low	1	2
19-Mar-00	2045	1444	nd	nd	nd	nd	nd	nd	NIT	Medium	3	1
19-Mar-00	2215	278	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
19-Mar-00	2245	340	nd	nd	nd	nd	2.90	nd	NIT	nd	1	2
20-Mar-00	930	4803	19.67	15.00	2.75	nd	2.90	54.0	CLR	High	2	2
20-Mar-00	2100	2286	nd	nd	nd	nd	2.80	nd	NIT	High	2	1
21-Mar-00	1145	3976	19.40	17.57	2.40	1.11	1.90	52.0	CLR	Low	3	2
21-Mar-00	2115	852	nd	nd	nd	nd	1.25	nd	NIT	Medium	3	1
21-Mar-00	2215	210	nd	nd	nd	nd	1.25	52.0	NIT	Low	1	2
21-Mar-00	2245	291	nd	nd	nd	nd	1.25	52.0	NIT	Low	1	2
22-Mar-00	1015	2464	nd	19.43	2.50	4.58	1.09	52.0	CLR	Low	1	2
22-Mar-00	2130	2111	nd	nd	nd	nd	0.90	nd	NIT	Medium	1	1
23-Mar-00	1100	4641	20.60	18.93	2.25	4.04	0.75	55.0	CLR	Medium	1	2

Caswell 2000 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
23-Mar-00	2115	1863	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
24-Mar-00	1145	4589	31.20	17.70	2.30	3.4	nd	56.0	CLR	Medium	1	2
24-Mar-00	2030	305	nd	nd	nd	nd	0.75	nd	NIT	Low	3	1
25-Mar-00	1100	2890	20.03	17.77	nd	3.8	nd	56.5	CLR	Low	1	2
25-Mar-00	2000	1764	nd	nd	nd	nd	0.80	nd	NIT	Medium	1	1
26-Mar-00	1000	3376	18.67	18.00	3.00	7.8	0.90	54.0	CLR	Medium	3	2
26-Mar-00	2030	2131	nd	nd	nd	nd	0.70	nd	NIT	Low	1	1
26-Mar-00	2145	2380	nd	nd	nd	nd	0.70	nd	NIT	Low	1	2
26-Mar-00	2215	2451	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
27-Mar-00	1000	4670	19.47	18.10	2.70	5.12	0.75	56.0	CLD	Medium	1	2
27-Mar-00	2015	1099	nd	nd	nd	nd	0.7	nd	NIT	Medium	3	1
28-Mar-00	1045	2560	20.63	19.23	nd	4.16	0.7	55.0	CLD	Low	1	2
28-Mar-00	2115	1919	nd	nd	nd	nd	0.7	nd	NIT	Medium	1	1
29-Mar-00	1015	4292	19.87	18.87	2.60	6.07	0.68	54.0	CLR	Low	1	2
29-Mar-00	2100	1172	nd	nd	nd	nd	0.7	nd	NIT	Medium	3	1
30-Mar-00	945	1589	18.33	17.67	3.00	4.2	0.8	54.5	CLR	Medium	3	2
30-Mar-00	2015	1985	nd	nd	nd	nd	0.7	nd	NIT	High	1	1
31-Mar-00	930	4258	23.10	18.37	nd	6.71	0.55	56.0	CLR	Low	1	2
31-Mar-00	2000	477	nd	nd	nd	nd	0.51	nd	NIT	nd	3	1
01-Apr-00	915	3204	24.53	17.90	2.30	nd	0.50	56.0	CLR	Medium	1	1
01-Apr-00	2145	420	nd	nd	nd	nd	0.46	nd	NIT	Low	3	1
02-Apr-00	945	2085	18.83	18.47	2.70	3.09	0.60	54.5	CLR	Medium	1	2
02-Apr-00	2015	372	nd	nd	nd	nd	0.70	nd	NIT	nd	3	2
03-Apr-00	1000	nd	19.57	17.23	2.90	6.18	0.80	58.0	CLR	Medium	1	2
03-Apr-00	2115	2272	nd	nd	nd	nd	0.80	nd	NIT	Medium	1	1
04-Apr-00	1145	2825	23.33	19.90	nd	7.2	nd	59.0	CLR	Medium	1	2
04-Apr-00	2000	1560	nd	nd	nd	nd	0.58	nd	NIT	Low	1	1
05-Apr-00	1000	2655	18.97	18.33	2.90	7.95	0.58	59.0	CLR	Low	1	2
05-Apr-00	2000	1895	nd	nd	nd	nd	0.50	nd	NIT	Low	1	1
06-Apr-00	945	4502	20.87	18.30	1.70	5.41	0.50	58.0	CLR	Medium	1	2
06-Apr-00	2000	1946	nd	nd	nd	nd	0.50	nd	NIT	Low	1	1
07-Apr-00	1030	5010	29.80	18.50	2.90	6.05	0.60	58.0	CLR	Low	2	2
07-Apr-00	2045	1721	nd	nd	nd	nd	nd	nd	NIT	nd	1	1
07-Apr-00	2230	2057	nd	nd	nd	nd	nd	60.0	NIT	nd	1	2
07-Apr-00	2315	2217	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
08-Apr-00	930	1608	19.33	18.67	3.00	3.43	0.60	57.0	CLR	Low	1	2
08-Apr-00	2000	1929	nd	nd	nd	nd	0.70	nd	NIT	High	1	1
09-Apr-00	1000	4516	nd	17.50	1.30	2.31	nd	58.0	CLR	nd	1	2
09-Apr-00	2100	1228	nd	nd	nd	nd	nd	nd	NIT	nd	3	1
10-Apr-00	1015	3865	19.33	18.00	2.80	4.67	0.75	57.0	CLR	Low	1	2
10-Apr-00	2015	1944	nd	nd	nd	nd	0.70	nd	NIT	Low	1	1
11-Apr-00	1000	4660	20.00	19.17	2.60	6.61	0.60	59.0	CLR	Medium	1	2
11-Apr-00	2015	1277	nd	nd	nd	nd	0.90	nd	NIT	Medium	3	1
12-Apr-00	1045	378	nd	51.10	1.90	6.81	1.20	58.5	CLR	Medium	3	2
12-Apr-00	2100	2080	nd	nd	nd	nd	1.55	nd	NIT	Medium	1	1
13-Apr-00	930	3158	17.00	17.00	2.90	4.97	1.90	58.0	CLR	Medium	3	2
13-Apr-00	2045	2352	nd	nd	nd	nd	1.70	nd	NIT	Medium	2	1
14-Apr-00	1000	5114	17.50	17.40	3.10	4.78	1.90	57.0	CLR	Medium	1	2
14-Apr-00	2030	2774	nd	nd	nd	nd	2.28	nd	NIT	Medium	2	1
15-Apr-00	1045	3085	16.58	16.91	2.80	4.59	2.52	58.0	CLD	Medium	1	2
15-Apr-00	2115	2077	nd	nd	nd	nd	2.04	nd	NIT	Low	1	1
16-Apr-00	830	2290	17.92	17.00	2.70	6.77	1.90	57.0	CLD	Low	3	2
16-Apr-00	2015	2082	nd	nd	nd	nd	1.70	nd	NIT	Medium	1	1
17-Apr-00	1015	4873	18.20	16.47	2.60	6.2	2.19	56.0	RAN	High	1	2
17-Apr-00	1945	2062	nd	nd	nd	nd	1.38	nd	NIT	Low	1	1
18-Apr-00	945	5070	18.05	16.67	2.80	4.8	2.60	54.0	CLR	Medium	1	2
18-Apr-00	2015	2168	nd	nd	nd	nd	2.30	nd	NIT	Low	2	1
19-Apr-00	1015	2966	17.73	16.97	2.70	6.71	1.88	55.0	CLR	Low	1	2
19-Apr-00	1945	1851	nd	nd	nd	nd	1.30	nd	NIT	Low	1	1
20-Apr-00	1000	3485	18.07	19.03	2.3	2.3	0.8	58	CLR	Medium	3	2
20-Apr-00	2030	1991	nd	nd	nd	nd	1.2	nd	NIT	Low	1	1
20-Apr-00	2200	2276	nd	nd	nd	nd	1.65	nd	NIT	nd	1	2
20-Apr-00	2300	2453	nd	nd	nd	nd	1.65	nd	NIT	nd	1	2
21-Apr-00	1015	4701	17.67	17.33	2.60	4.89	1.65	56.0	CLR	Low	1	2
21-Apr-00	2030	2115	nd	nd	nd	nd	2.28	nd	NIT	Medium	1	1
22-Apr-00	930	4150	22.97	17.80	2.80	3.88	2.60	56.0	CLD	Low	3	2
22-Apr-00	2100	2365	nd	nd	nd	nd	2.58	nd	NIT	Low	1	1
23-Apr-00	945	5154	17.23	16.57	2.40	1.87	2.78	55.0	CLR	Medium	1	2
23-Apr-00	2015	2250	nd	nd	nd	nd	2.88	nd	NIT	Low	1	1
24-Apr-00	830	4990	15.90	16.00	3.10	3.09	2.90	54.0	CLR	Medium	1	2
24-Apr-00	1930	2290	nd	nd	nd	nd	2.80	nd	NIT	Low	1	1
25-Apr-00	945	5371	16.70	17.33	2.80	4.61	2.70	55.5	CLR	Medium	1	2
25-Apr-00	2030	2100	nd	nd	nd	nd	2.65	nd	CLR	Low	1	1
26-Apr-00	915	4855	17.23	16.67	2.90	3.74	2.85	56.5	CLR	Low	1	2
26-Apr-00	2030	2599	nd	nd	nd	nd	2.90	59.0	NIT	Medium	1	1
27-Apr-00	945	5118	18.43	17.00	2.80	4.64	2.75	57.5	CLR	Low	1	2
27-Apr-00	2230	2650	nd	nd	nd	nd	2.69	nd	NIT	Low	1	1
28-Apr-00	930	4810	18.13	17.87	2.80	3.9	2.70	56.5	CLD	Low	1	2
28-Apr-00	2045	2260	nd	nd	nd	nd	2.79	nd	NIT	Medium	1	1
29-Apr-00	930	4941	17.77	17.37	2.50	2.91	2.88	57.0	CLR	Low	1	2
29-Apr-00	2045	2374	nd	nd	nd	nd	2.80	nd	NIT	Low	1	1
30-Apr-00	915	4962	17.30	15.57	2.40	4.9	2.90	57.0	CLR	Low	1	2
30-Apr-00	2030	2332	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
01-May-00	1000	5026	17.47	17.57	2.60	4.03	2.90	59.0	CLR	Low	1	2
01-May-00	2030	2162	nd	nd	nd	nd	2.80	nd	NIT	Medium	1	1
02-May-00	1000	4842	17.90	17.47	2.90	2.7	2.70	58.5	CLR	Low	1	2
02-May-00	2030	2161	nd	nd	nd	nd	2.60	nd	NIT	Low	1	1
03-May-00	915	4703	19.00	17.40	2.50	5.4	2.60	58.0	CLR	Medium	1	2
03-May-00	2000	1697	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
04-May-00	945	4286	18.87	18.10	2.60	4.26	2.55	58.5	CLR	Low	1	2

Caswell 2000 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
04-May-00	2130	2260	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
05-May-00	930	4578	19.10	18.13	2.80	5.39	2.70	57.5	CLR	Low	1	2
05-May-00	2100	2267	nd	nd	nd	nd	2.60	nd	NIT	Low	1	1
06-May-00	915	4667	18.93	16.83	2.90	4.33	2.93	58.0	CLR	Low	1	2
06-May-00	2015	2219	nd	nd	nd	nd	2.80	nd	NIT	Medium	1	1
07-May-00	900	4876	18.40	16.83	2.60	4	3.20	61.0	CLD	Low	1	2
07-May-00	2000	2155	nd	nd	nd	nd	3.20	nd	NIT	Low	1	1
08-May-00	930	2400	17.63	17.07	2.70	3.52	3.30	60.0	CLD	Low	3	2
08-May-00	1445	1156	nd	nd	nd	nd	2.80	nd	CLR	Low	1	1
09-May-00	930	4506	19.37	17.63	2.60	5.18	3.10	60.0	CLR	Low	1	2
09-May-00	2115	2489	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
09-May-00	2215	2720	nd	nd	nd	nd	nd	60.0	NIT	Low	1	2
09-May-00	2315	2873	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
10-May-00	900	4950	17.70	17.60	2.80	3.42	2.90	60.0	CLR	Low	1	2
10-May-00	1915	2051	nd	nd	nd	nd	2.76	nd	CLR	Low	1	1
11-May-00	1345	5931	19.40	17.43	nd	2.86	2.90	60.0	CLR	Low	1	2
12-May-00	845	3946	17.61	16.74	2.70	4.33	2.80	59.0	CLR	Low	1	2
12-May-00	1930	2131	nd	nd	nd	nd	2.60	nd	CLR	Low	1	1
12-May-00	2030	2351	nd	nd	nd	nd	2.60	nd	NIT	Low	1	2
13-May-00	930	4994	18.43	16.93	2.50	2.8	2.90	56.0	CLD	Low	1	2
13-May-00	2015	2174	nd	nd	nd	nd	2.78	nd	NIT	Low	1	1
14-May-00	845	4638	18.90	17.53	2.90	3.89	2.90	58.0	CLR	Low	1	2
14-May-00	2015	2255	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
15-May-00	900	4764	19.83	16.97	2.70	8.94	3.10	60.0	CLR	Low	1	2
15-May-00	2000	2290	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
16-May-00	915	5070	18.27	17.23	2.75	2.9	3.00	60.0	CLR	Low	1	2
16-May-00	2015	2262	nd	nd	nd	nd	3.30	nd	NIT	Low	1	1
17-May-00	900	4371	nd	16.33	2.70	4.4	3.11	60.5	CLD	Low	3	2
17-May-00	2030	2291	nd	nd	nd	nd	3.00	nd	CLR	Low	1	1
18-May-00	915	5120	16.97	16.37	2.60	2.7	3.30	59.0	CLR	Low	1	2
18-May-00	2030	2322	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
19-May-00	1030	5201	18.43	17.93	3.00	3.8	2.90	58.0	CLR	Low	1	2
19-May-00	2015	1765	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
20-May-00	1045	4350	21.60	16.67	2.60	4.8	2.88	58.0	CLR	Low	1	2
20-May-00	2015	2008	nd	nd	nd	nd	2.90	nd	NIT	Low	1	1
20-May-00	2145	2270	nd	nd	nd	nd	2.90	nd	NIT	Low	1	2
21-May-00	915	4845	17.37	16.40	2.80	3.4	2.74	59.0	CLR	Low	1	2
21-May-00	2015	2281	nd	nd	nd	nd	2.70	nd	CLR	Medium	1	1
21-May-00	2115	2488	nd	nd	nd	nd	2.70	nd	NIT	Low	1	2
21-May-00	2200	2623	nd	nd	nd	nd	2.70	nd	NIT	Low	1	2
22-May-00	845	4960	18.13	17.47	2.80	3.8	2.90	60.5	CLR	Low	1	2
22-May-00	2015	2364	nd	nd	nd	nd	nd	nd	NIT	Medium	1	1
22-May-00	2145	2625	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
23-May-00	845	4888	18.80	18.80	3.20	4.8	2.70	58.0	CLR	Low	1	2
23-May-00	2030	2192	nd	nd	nd	nd	2.60	nd	NIT	Low	1	1
24-May-00	930	4678	18.73	17.67	2.60	3.4	2.85	59.0	CLR	nd	1	2
24-May-00	2045	2300	nd	nd	nd	nd	2.7	nd	NIT	Low	1	1
25-May-00	1115	5253	18.80	16.13	2.6	nd	2.7	62	CLR	Low	2	2
25-May-00	2130	1976	nd	nd	nd	nd	2.7	nd	NIT	Low	1	1
26-May-00	900	4579	19.00	16.03	3	2	2.75	58	CLR	Low	1	3
27-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-00	1630	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
30-May-00	945	3781	16.10	16.47	3.10	3.8	2.60	60.0	CLR	Low	1	1
30-May-00	2015	2308	nd	nd	nd	nd	2.70	nd	NIT	Medium	1	1
31-May-00	900	5200	16.60	16.07	2.40	nd	2.70	60.0	CLR	Low	1	2
01-Jun-00	830	5216	16.87	15.87	2.90	0.9	2.60	60.0	CLR	Low	1	1
01-Jun-00	2015	2597	nd	nd	nd	nd	2.65	nd	CLR	Low	1	1
02-Jun-00	815	5220	17.30	14.93	3.00	5.6	2.70	61.0	CLR	Low	1	3
03-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-Jun-00	1800	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
05-Jun-00	845	3368	15.97	15.33	2.90	1.8	2.70	62.0	CLR	Medium	1	1
05-Jun-00	1945	10	nd	nd	nd	nd	2.70	nd	CLR	Medium	1	1
06-Jun-00	930	1355	15.87	16.50	nd	2.9	2.70	61.0	CLR	Low	1	2
07-Jun-00	915	5257	17.57	17.23	2.70	4.5	2.70	58.0	CLR	Low	1	1
08-Jun-00	900	4828	20.07	19.37	2.60	2.9	2.90	61.0	CLD	Medium	1	1
09-Jun-00	1030	5475	16.80	15.40	2.60	3.6	3.00	60.0	CLR	Low	1	3
10-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-Jun-00	1800	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
12-Jun-00	945	2925	17.97	16.50	2.80	3.5	2.40	61.5	CLR	Low	1	1
13-Jun-00	845	4804	17.63	16.97	2.30	3.6	2.70	63.5	CLR	Medium	1	1
14-Jun-00	900	4918	17.83	17.53	2.70	3.6	2.10	63.0	CLR	Low	1	1
15-Jun-00	845	3180	18.37	17.40	2.70	4.4	1.40	65.0	CLR	nd	3	1
16-Jun-00	945	2632	20.23	19.03	2.30	5.3	1.00	67.0	CLR	Medium	3	1
17-Jun-00	945	4429	34.37	19.63	2.4	3.3	0.5	65	CLR	Low	1	1
18-Jun-00	930	4153	38.33	33.67	2.60	6.7	0.40	67.5	CLR	nd	1	1
19-Jun-00	900	4105	30.60	21.67	2.60	8.7	0.60	67.0	CLR	Low	1	1
20-Jun-00	845	3037	26.00	20.47	2.60	4.1	0.20	67.0	CLR	Low	1	1
21-Jun-00	900	3167	23.23	22.27	2.40	4.7	nd	68.5	CLR	Medium	1	1
22-Jun-00	945	602	24.33	23.77	2.50	3.1	nd	69.5	CLR	Low	3	1
23-Jun-00	900	3214	28.63	27.87	2.60	6.1	nd	69.5	CLR	Medium	2	3
24-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Jun-00	1645	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
26-Jun-00	845	2350	23.87	21.87	2.30	6.8	nd	72.0	CLR	Low	1	1
27-Jun-00	845	nd	25.77	22.67	2.40	3	nd	73.0	CLR	Low	1	1
28-Jun-00	830	1699	25.53	24.70	2.30	4.4	nd	73.0	CLR	nd	3	1
29-Jun-00	915	3606	26.30	24.53	2.00	5.5	nd	73.0	CLR	Medium	1	1
30-Jun-00	845	2180	37.30	32.50	2.00	4.6	nd	72.0	CLR	nd	1	3

Caswell 2000 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
14-Dec-99	1200	0	nd	nd	nd	nd	nd	nd	CLR		4	0
15-Dec-99	1700	0	nd	nd	nd	nd	nd	nd	CLR		4	0
16-Dec-99	1015	3039	22.03	20.20	2.30	1.2	0.3	46.0	CLR		1	1
17-Dec-99	1000	3843	24.37	21.23	2.30	1.4	0.3	47.0	CLR		1	1
18-Dec-99	1000	nd	26.20	20.67	2.30	1.3	0.2	48.0	CLR		1	3
19-Dec-99	1615	0	nd	nd	nd	nd	nd	nd	CLR		4	0
20-Dec-99	1000	3059	22.67	20.70	2.30	1.5	0.2	48.0	FOG		1	1
20-Dec-99	1615	nd	nd	nd	nd	nd	nd	nd	CLR		1	1
21-Dec-99	1000	3666	38.57	35.07	2.40	1.4	0.2	48.0	CLR		1	2
22-Dec-99	915	3653	24.90	20.77	2.30	1.5	0.3	48.0	CLR		1	1
23-Dec-99	945	3552	24.60	35.10	2.30	1.3	0.2	48.0	CLR		1	3
24-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
25-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
26-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
27-Dec-99	1615	0	nd	nd	nd	nd	nd	nd	CLR		4	0
28-Dec-99	915	2640	40.00	35.30	2.20	1.4	0.1	46.0	CLR		1	1
29-Dec-99	945	3285	40.50	21.77	2.10	1.6	0.1	47.0	CLR		1	1
30-Dec-99	930	3130	27.53	22.90	2.10	1.3	nd	46.5	CLR		1	1
31-Dec-99	930	3079	28.70	21.70	2.20	1.4	nd	47.5	CLR		1	3
01-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
02-Jan-00	1645	0	nd	nd	nd	nd	nd	nd	CLR		4	0
03-Jan-00	945	2670	26.87	22.17	2.20	0.9	0.3	48.0	CLR		1	1
04-Jan-00	945	3135	40.77	22.97	2.00	1.1	nd	47.0	CLD		1	1
05-Jan-00	945	3188	39.90	22.60	2.10	0.7	nd	48.0	CLR		1	1
06-Jan-00	1030	3098	29.47	26.50	1.90	0.8	0.1	47.0	CLR		1	1
07-Jan-00	1030	3167	30.60	24.97	1.80	0.5	0.1	49.0	CLR		1	1
08-Jan-00	1000	2896	30.17	22.53	2.20	nd	nd	46.5	CLR		1	1
09-Jan-00	1030	3094	19.00	18.33	2.20	1.3	0.1	48.0	CLR		1	1
10-Jan-00	1000	2866	29.25	21.38	2.20	nd	0.2	48.0	CLR		1	1
11-Jan-00	1145	3392	26.75	21.96	2.30	1.2	0.4	49.0	CLD		1	1
12-Jan-00	1000	1869	60.93	21.33	2.00	0.9	0.38	50.0	CLD		1	1
12-Jan-00	1730	996	nd	nd	nd	nd	nd	nd	NIT		1	1
13-Jan-00	1030	3520	24.47	19.93	2.20	1.5	0.6	49.0	CLR		1	2
14-Jan-00	1030	3465	25.67	20.67	2.40	2.5	0.4	48.0	CLD		1	1
15-Jan-00	1000	3581	24.00	20.10	2.40	3	0.6	52.0	CLD		1	1
16-Jan-00	1030	3862	32.27	21.90	2.30	2.1	0.36	52.0	CLD		1	1
16-Jan-00	1815	1289	nd	nd	nd	nd	nd	nd	NIT		1	1
17-Jan-00	930	3630	23.83	20.40	2.50	3.3	0.6	51.0	RAN		1	2
17-Jan-00	1815	1413	nd	nd	nd	nd	0.3	nd	NIT		1	1
18-Jan-00	1015	4049	22.50	22.60	2.20	2.5	0.69	51.5	CLD		1	2
18-Jan-00	1830	1546	nd	nd	nd	nd	0.66	nd	NIT		1	1
19-Jan-00	1015	4194	23.33	20.00	2.70	2.7	0.7	52.0	CLD		1	2
19-Jan-00	2100	1808	nd	nd	nd	nd	0.5		NIT		1	1
20-Jan-00	945	3939	22.33	20.17	2.60	2.9	0.52	54.5	RAN		1	2
20-Jan-00	2215	2135	nd	nd	nd	nd	nd	53.0	NIT		1	1
21-Jan-00	1000	3946	23.20	20.33	2.40	2.9	0.4	53.5	CLR		1	2
22-Jan-00	1030	4248	22.27	19.60	2.20	1.4	0.5	53.0	CLR		1	1
22-Jan-00	2045	1740	nd	nd	nd	nd	nd	nd	NIT		1	1
23-Jan-00	1000	4039	20.41	19.43	2.64	2.4	0.6	53.0	RAN		1	2
23-Jan-00	1930	1849	nd	nd	nd	nd	0.92	nd	NIT		1	1
24-Jan-00	1045	4524	20.83	20.80	1.80	6.3	0.7	53.0	CLD		2	2
24-Jan-00	1900	1349	nd	nd	nd	nd	0.95	nd	NIT		1	1
24-Jan-00	2330	2118	nd	nd	nd	nd	1.3	nd	NIT		1	2
25-Jan-00	1030	4232	20.33	19.33	2.50	7	1.6	56.0	CLD		1	2
25-Jan-00	1930	nd	nd	nd	nd	nd	2.2	nd	NIT		1	1
26-Jan-00	45	550	nd	nd	nd	nd	2.8	nd	NIT		3	2
26-Jan-00	1315	615	nd	nd	nd	22.4	2.6	nd	CLD		3	2
27-Jan-00	45	599	nd	nd	nd	nd	nd	nd	NIT		3	1
27-Jan-00	600	1242	17.33	18.00	1.20	11.7	0.7	nd	NIT		1	2
27-Jan-00	1200	nd	16.63	16.43	2.60	nd	1.4	54.0	CLR		1	2
27-Jan-00	1915	1334	nd	nd	nd	nd	1.25	nd	NIT		1	2
28-Jan-00	115	2631	nd	nd	nd	nd	nd	nd	NIT		1	2
28-Jan-00	945	4248	17.47	17.03	nd	15.7	0.9	51.5	FOG		1	2
28-Jan-00	2400	2913	nd	nd	nd	nd	0.87	nd	NIT		1	1
29-Jan-00	1000	4547	21.77	18.43	2.30	9.4	0.65	nd	CLR		1	2
29-Jan-00	1830	1686	nd	nd	nd	nd	nd	53.0	NIT		1	1
29-Jan-00	2045	2160	nd	nd	nd	nd	nd	53.0	NIT		1	2
29-Jan-00	2130	2268	nd	nd	nd	nd	nd	53.0	NIT		1	2
30-Jan-00	1030	4715	19.43	18.83	2.40	6.7	0.5	nd	CLD		1	2
30-Jan-00	2030	1859	nd	nd	nd	nd	0.5	nd	NIT		1	1
31-Jan-00	930	4236	19.60	19.10	2.39	15	0.46	51.0	CLD		1	2
31-Jan-00	2230	2370	nd	nd	nd	nd	0.58	nd	NIT		1	1
01-Feb-00	1015	4561	19.47	19.23	2.60	4.1	0.55	51.0	CLR		1	2
01-Feb-00	1845	1611	nd	nd	nd	nd	0.5	nd	NIT		1	1
02-Feb-00	1145	4709	20.03	18.97	2.50	4.5	0.46	52.5	CLD		1	2
02-Feb-00	1830	1202	nd	nd	nd	nd	0.38	nd	NIT		1	1
03-Feb-00	1100	4238	20.67	20.00	2.60	3.1	0.3	51.0	CLD		1	2
04-Feb-00	1030	4313	21.60	19.67	nd	2.9	0.35	51.5	CLD		1	1
04-Feb-00	1100	nd	nd	nd	nd	nd	nd	nd	nd		4	0
05-Feb-00	1945	2011	nd	nd	nd	nd	0.5	nd	NIT		1	1
06-Feb-00	930	4285	19.01	18.50	2.30	1.8	0.5	52.0	CLR		1	2
06-Feb-00	1200	4951	20.27	19.83	3.67	4	0.3	52.0	CLR		1	1
06-Feb-00	2115	1646	nd	nd	nd	nd	0.5	nd	NIT		1	1
07-Feb-00	1015	3996	20.47	20.43	2.30	3.3	0.26	52.0	CLR		1	2
07-Feb-00	2100	1851	nd	nd	nd	nd	0.3	nd	NIT		1	1
08-Feb-00	1015	4098	20.93	20.73	2.30	2.8	0.2	53.0	CLR		1	2
08-Feb-00	2045	1828	nd	nd	nd	nd	0.22	nd	NIT		1	1
09-Feb-00	1045	4210	22.07	21.40	2.20	5.4	0.2	53.0	CLD		1	2
09-Feb-00	1800	1162	nd	nd	nd	nd	0.2	nd	NIT		1	1
10-Feb-00	930	3785	22.20	21.90	2.30	3.4	0.2	52.0	RAN		1	2

Caswell 2000 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
10-Feb-00	1930	1728	nd	nd	nd	nd	0.25	nd	NIT		1	1
11-Feb-00	1145	4312	20.87	20.00	2.40	3.1	0.28	51.0	CLD		1	2
11-Feb-00	1945	1480	nd	nd	nd	nd	0.29	nd	NIT		1	1
12-Feb-00	1300	4455	21.57	19.63	nd	8.9	0.52	52.0	CLD		1	2
12-Feb-00	2115	1610	nd	nd	2.70	nd	1.1	nd	NIT		1	1
13-Feb-00	1115	3034	nd	14.93	2.90	37.7	2.77	50.0	RAN		3	2
13-Feb-00	2030	1549	nd	nd	nd	nd	2.4	nd	NIT		1	1
13-Feb-00	2400	49	nd	nd	nd	nd	2.5	nd	NIT		3	2
14-Feb-00	1130	1696	15.60	13.13	3.40	34.7	4.2	52.0	CLR		3	2
14-Feb-00	1945	1582	nd	nd	nd	nd	4.6	51.0	NIT		3	1
14-Feb-00	2030	174	nd	nd	nd	nd	4.7	51.0	NIT		2	2
15-Feb-00	900	962	13.63	nd	2.04	23.2	5.3	52.0	CLR		3	2
16-Feb-00	30	898	nd	nd	nd	nd	5.3	nd	NIT		3	1
16-Feb-00	945	2250	13.67	nd	3.37	14.3	5	51.0	CLD		2	2
16-Feb-00	1900	2084	nd	nd	nd	nd	4.9	50.0	NIT		3	1
17-Feb-00	1100	116	nd	nd	3.30	9.3	4.95	49.0	CLR		3	2
17-Feb-00	2015	2342	nd	nd	nd	nd	nd	nd	NIT		1	1
18-Feb-00	1000	5335	13.23	13.03	nd	5.3	5	52.0	CLD		3	2
18-Feb-00	1930	336	nd	nd	nd	nd	4.9	nd	NIT		3	1
19-Feb-00	1000	3950	13.30	12.43	3.10	3.3	5.18	53.0	CLR		1	2
19-Feb-00	1430	nd	nd	nd	nd	nd	nd	nd	nd		4	0
19-Feb-00	1900	1231	nd	nd	nd	nd	6.2	nd	NIT		3	1
20-Feb-00	945	462	nd	12.43	3.50	5.9	6.0+	53.5	CLR		3	2
20-Feb-00	1845	1060	nd	nd	nd	nd	nd	nd	NIT		3	1
20-Feb-00	2015	nd	nd	nd	nd	nd	nd	nd	NIT		1	2
20-Feb-00	2130	nd	nd	nd	nd	nd	nd	nd	NIT		1	2
21-Feb-00	930	492	nd	13.17	3.40	4.3	6.0+	52.0	CLR		3	2
21-Feb-00	1945	1684	nd	nd	nd	nd	6.0+	54.0	NIT		3	1
22-Feb-00	945	1242	13.83	12.90	3.10	11.3	6.0+	53.0	CLD		3	2
22-Feb-00	2100	819	nd	nd	nd	nd	6.0+	nd	NIT		3	1
23-Feb-00	1030	667	13.03	12.57	3.50	10.3	6.0+	53.0	CLR		3	2
23-Feb-00	2130	631	nd	nd	nd	nd	6.0+	nd	NIT		3	1
24-Feb-00	1000	nd	nd	nd	3.50	19	6.0+	51.5	CLR		3	3
24-Feb-00	1800	nd	nd	nd	nd	nd	3.5	nd	NIT		4	0
25-Feb-00	1100	791	nd	nd	nd	8.7	2	53.0	CLR		4	0
26-Feb-00	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
27-Feb-00	930	3240	nd	13.83	3.80	5.5	1.3	nd	CLD		3	1
27-Feb-00	2000	240	nd	nd	nd	nd	1.3	nd	NIT		3	1
28-Feb-00	930	nd	14.07	14.33	3.40	10.7	nd	nd	CLD		3	2
28-Feb-00	2100	13	nd	nd	nd	nd	2.1	nd	NIT		3	1
29-Feb-00	1015	nd	nd	11.33	3.80	11.2	2.2	52.0	RAN		3	2
29-Feb-00	2000	318	nd	nd	nd	nd	2.7	nd	NIT		3	1
01-Mar-00	1030	510	nd	nd	nd	6.7	2.5	54.0	CLR		3	3
02-Mar-00	1230	nd	nd	nd	nd	6.7	4	nd	RAN		4	0
01-Mar-00	1400	nd	nd	nd	nd	nd	nd	nd	CLR		4	0
02-Mar-00	2000	0	nd	nd	nd	nd	4.9	nd	NIT		4	0
03-Mar-00	1015	160	nd	12.13	3.60	3.3	nd	51.0	CLR		3	1
03-Mar-00	1915	845	nd	nd	nd	nd	3.7	nd	NIT	Medium	3	1
04-Mar-00	1000	581	12.67	11.63	2.90	6.7	3.72	52.0	CLD	Medium	3	2
04-Mar-00	1930	430	nd	nd	nd	nd	3.7	nd	NIT	High	3	1
05-Mar-00	1215	nd	nd	11.58	4.05	7.8	3.72	52.0	CLD	High	3	2
05-Mar-00	1915	140	nd	nd	nd	nd	3.72	nd	NIT	Medium	3	1
06-Mar-00	1100	ns	ns	ns	4.00	9.2	nd	51.0	CLR	ns	4	0
06-Mar-00	1745	0	ns	ns	ns	ns	4.8	ns	NIT	ns	4	0
07-Mar-00	1000	18	nd	nd	3.76	7.3	4.6	52.0	CLD	High	3	1
07-Mar-00	1845	0	ns	ns	ns	ns	4.32	ns	NIT	ns	4	0
08-Mar-00	900	1347	nd	12.15	2.20	5.3	4.1	52.0	CLR	Medium	3	1
08-Mar-00	2030	1230	nd	nd	nd	nd	4	nd	NIT	High	3	1
09-Mar-00	1100	387	12.80	13.17	2.90	6.1	4	52.0	CLR	High	1	2
09-Mar-00	2115	771	nd	nd	nd	nd	4	nd	NIT	High	3	1
10-Mar-00	930	356	nd	nd	3.00	4.82	4	50.0	CLR	Medium	3	2
10-Mar-00	2015	103	nd	nd	nd	nd	3.6	nd	NIT	Medium	3	1
11-Mar-00	1015	0	13.43	12.83	3.20	3.6	3.12	52.0	CLR	High	2	2
11-Mar-00	2130	403	nd	nd	nd	nd	3	51.0	NIT	Medium	3	1
12-Mar-00	945	0	nd	12.67	3.75	3.28	3.1	50.5	CLR	nd	3	2
12-Mar-00	2045	0	nd	nd	nd	nd	2.9	nd	NIT	High	3	1
13-Mar-00	930	633	13.43	13.87	3.00	2.41	2.76	52.0	CLR	Medium	3	2
14-Mar-00	1000	3716	15.43	14.57	2.90	2.25	1.8	52.0	CLR	High	3	1
14-Mar-00	2130	2537	nd	nd	nd	nd	1	nd	NIT	Medium	1	1
14-Mar-00	2315	417	nd	nd	nd	nd	1	53.0	NIT	Low	1	2
14-Mar-00	2345	499	nd	nd	nd	nd	1	53.0	NIT	Low	1	2
15-Mar-00	1045	2977	16.64	14.76	2.60	3.24	0.5	55.0	CLR	Medium	2	2
15-Mar-00	2100	nd	nd	nd	nd	nd	0.5	nd	NIT	Medium	1	1
16-Mar-00	1100	5548	15.51	15.53	2.65	4	nd	54.0	CLR	High	1	2
16-Mar-00	2030	2101	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
17-Mar-00	1000	5500	15.10	14.63	3.20	5.05	3	52.0	CLR	Medium	2	2
17-Mar-00	2030	138	nd	nd	nd	nd	3.08	nd	NIT	Low	3	1
18-Mar-00	1015	4496	15.43	15.37	3.00	4.72	3	54.0	CLR	Low	1	2
18-Mar-00	1915	2064	nd	nd	nd	nd	3	nd	NIT	Low	1	1
19-Mar-00	915	5328	15.87	15.13	2.90	3.66	2.9	54.0	CLR	Low	1	2
19-Mar-00	2015	2226	nd	nd	nd	nd	2.9	nd	NIT	High	1	1
19-Mar-00	2200	2537	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
19-Mar-00	2230	2657	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
20-Mar-00	930	2752	16.17	17.57	2.75	nd	2.9	54.0	CLR	Medium	1	2
20-Mar-00	2045	2375	nd	nd	nd	nd	2.8	nd	NIT	High	2	1
21-Mar-00	1030	5092	18.73	17.37	2.70	1.11	1.9	52.0	CLR	Medium	1	2
21-Mar-00	2100	1946	nd	nd	nd	nd	1.25	nd	NIT	Medium	1	1
21-Mar-00	2200	2167	nd	nd	nd	nd	1.25	52.0	NIT	Low	1	2
21-Mar-00	2230	2249	nd	nd	nd	nd	1.25	52.0	NIT	Low	1	2
22-Mar-00	1000	2750	nd	19.43	1.90	4.58	1.09	52.0	CLR	Low	3	2

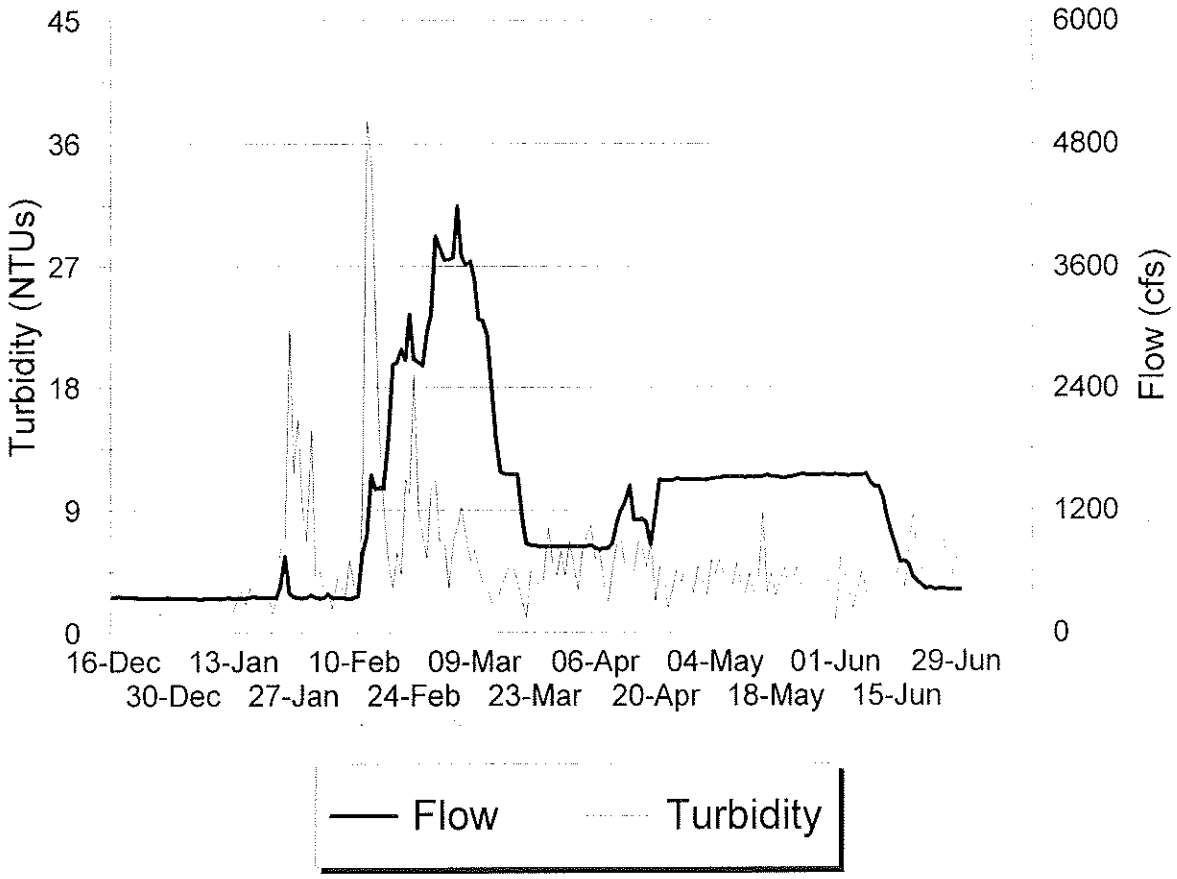
Caswell 2000 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
22-Mar-00	2145	2062	nd	nd	nd	nd	0.9	nd	NIT	Medium	1	1
23-Mar-00	1030	4317	20.03	19.57	2.10	4.04	0.75	55.0	CLR	Medium	1	2
23-Mar-00	2100	1824	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
24-Mar-00	1115	4400	27.33	31.33	2.50	3.4	nd	56.0	CLR	Medium	1	2
24-Mar-00	2015	1364	nd	nd	nd	nd	0.75	nd	NIT	Low	1	1
25-Mar-00	1000	3802	21.50	19.20	nd	3.8	nd	56.5	CLR	Low	1	2
25-Mar-00	2015	1364	nd	nd	nd	nd	0.8	nd	NIT	Medium	1	1
26-Mar-00	930	3272	19.00	18.00	2.60	7.8	0.9	54.0	CLR	Low	3	2
26-Mar-00	2015	1952	nd	nd	nd	nd	0.7	nd	NIT	Low	1	1
26-Mar-00	2130	2192	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
26-Mar-00	2200	2286	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
27-Mar-00	930	4354	19.77	18.97	2.20	5.12	0.75	56.0	CLD	Medium	1	2
27-Mar-00	2000	82	nd	nd	nd	nd	0.7	nd	NIT	Medium	1	1
28-Mar-00	1000	0	26.60	19.63	nd	4.16	0.7	55.0	CLD	Low	1	2
28-Mar-00	2100	1570	nd	nd	nd	nd	0.7	nd	NIT	Medium	1	1
29-Mar-00	945	3947	19.9	18.7	2.40	6.07	0.68	54	CLR	Low	1	2
29-Mar-00	2045	1076	nd	nd	nd	nd	0.70	nd	NIT	Low	3	1
30-Mar-00	900	2320	19.67	18.5	2.40	4.2	0.80	54.5	CLR	High	1	2
30-Mar-00	2000	2052	nd	nd	nd	nd	0.70	nd	NIT	Medium	1	1
31-Mar-00	915	4168	25.93	22.53	nd	6.71	0.55	56.0	CLR	Medium	1	2
31-Mar-00	1945	1257	nd	nd	nd	nd	0.51	nd	NIT	High	1	1
01-Apr-00	930	3295	18.50	18.10	2.80	nd	0.5	56.0	CLR	Low	1	2
01-Apr-00	2130	2106	nd	nd	nd	nd	0.46	nd	NIT	High	2	1
02-Apr-00	915	3811	18.63	17.30	2.60	3.09	0.6	54.0	CLR	Medium	1	2
02-Apr-00	2000	44	nd	nd	nd	nd	0.7	nd	NIT	Medium	1	2
03-Apr-00	945	nd	27.43	17.93	2.50	6.18	0.8	58.0	CLR	Medium	3	2
03-Apr-00	2100	nd	nd	nd	nd	nd	0.8	nd	NIT	Medium	1	1
04-Apr-00	1100	2416	25.00	21.03	nd	7.2	nd	59.0	CLR	Low	1	2
04-Apr-00	1945	1118	nd	nd	nd	nd	0.58	nd	NIT	Medium	3	1
05-Apr-00	945	2356	25.97	19.00	2.30	7.95	0.58	59.0	CLR	Low	1	2
05-Apr-00	1945	1747	nd	nd	nd	nd	0.5	nd	NIT	Low	1	1
06-Apr-00	915	3580	43.33	38.90	1.80	5.41	0.5	58.0	CLR	Low	1	2
06-Apr-00	1930	1879	nd	nd	nd	nd	0.5	nd	NIT	Low	1	1
07-Apr-00	1000	3347	16.10	12.17	2.30	6.05	0.6	58.0	CLR	Low	3	2
07-Apr-00	2030	1746	nd	nd	nd	nd	nd	nd	NIT	nd	1	1
07-Apr-00	2215	2028	nd	nd	nd	nd	nd	60.0	NIT	nd	1	2
07-Apr-00	2300	2198	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
08-Apr-00	900	184	20.00	19.00	2.40	3.43	0.6	57.0	CLR	Low	3	2
08-Apr-00	1945	1904	nd	nd	nd	nd	0.7	nd	NIT	High	1	1
09-Apr-00	945	3417	45.37	17.83	2.40	2.31	nd	58.0	CLR	nd	1	2
09-Apr-00	2045	1827	nd	nd	nd	nd	nd	nd	NIT	nd	3	1
10-Apr-00	1000	4368	19.00	17.67	2.60	4.67	0.75	57.0	CLR	Low	1	2
10-Apr-00	2000	1951	nd	nd	nd	nd	0.7	nd	NIT	Low	1	1
11-Apr-00	930	4476	21.00	19.47	2.40	6.61	0.6	59.0	CLR	Medium	1	2
11-Apr-00	2000	1856	nd	nd	nd	nd	0.9	nd	NIT	Medium	1	1
12-Apr-00	1030	2406	nd	19.77	2.30	6.81	1.2	58.5	CLR	Low	3	2
12-Apr-00	2045	1707	nd	nd	nd	nd	1.55	nd	NIT	Medium	1	1
13-Apr-00	915	2008	16.33	16.33	2.20	4.97	1.9	58.0	CLR	Medium	3	2
13-Apr-00	2030	1562	nd	nd	nd	nd	1.7	nd	NIT	Medium	3	1
14-Apr-00	930	4372	17.13	16.10	2.80	4.78	1.9	57.0	CLR	Medium	1	2
14-Apr-00	2015	1190	nd	nd	nd	nd	2.28	nd	NIT	Medium	3	1
15-Apr-00	930	2718	15.70	15.62	3.10	4.59	2.52	58.0	CLD	High	1	2
15-Apr-00	2045	1782	nd	nd	nd	nd	2.04	nd	NIT	Medium	2	1
16-Apr-00	815	2735	16.35	15.70	2.80	6.77	1.9	57.0	CLD	Medium	1	2
16-Apr-00	2000	1625	nd	nd	nd	nd	1.7	nd	NIT	High	3	1
17-Apr-00	930	1882	18.03	15.63	2.90	6.2	2.19	56.0	RAN	High	1	2
17-Apr-00	2000	2238	nd	nd	nd	nd	1.375	nd	NIT	Medium	1	1
18-Apr-00	930	4454	17.00	20.00	2.00	4.8	2.6	54.0	CLR	Medium	3	2
18-Apr-00	2000	2277	nd	nd	nd	nd	2.3	nd	NIT	Medium	2	1
19-Apr-00	1000	3016	17.03	16.40	2.90	6.71	1.88	55.0	CLR	Low	1	2
19-Apr-00	1915	2012	nd	nd	nd	nd	1.3	nd	NIT	Low	1	1
20-Apr-00	945	2163	19.03	19.43	2.4	2.3	0.80	58.0	CLR	Low	3	2
20-Apr-00	2015	1997	nd	nd	nd	nd	1.20	nd	NIT	Low	1	1
20-Apr-00	2145	2300	nd	nd	nd	nd	1.65	nd	NIT	nd	1	2
20-Apr-00	2245	2480	nd	nd	nd	nd	1.65	nd	NIT	nd	1	2
21-Apr-00	945	4763	17.00	16.67	2.80	4.89	1.65	56.0	CLR	Low	1	2
21-Apr-00	2015	2240	nd	nd	nd	nd	2.28	nd	NIT	Medium	3	1
22-Apr-00	915	241	16.47	15.23	3.20	3.88	2.6	56.0	CLD	Low	3	2
22-Apr-00	2045	2427	nd	nd	nd	nd	nd	nd	NIT	High	2	1
23-Apr-00	930	2999	15.43	15.03	2.80	1.87	2.78	55.0	CLR	Medium	1	2
23-Apr-00	2000	2440	nd	nd	nd	nd	2.88	nd	NIT	High	1	1
24-Apr-00	815	5351	15.80	15.07	2.90	3.09	2.9	54.0	CLR	Medium	1	2
24-Apr-00	1915	2569	nd	nd	nd	nd	2.8	nd	NIT	Medium	2	1
25-Apr-00	930	3866	15.60	15.30	3.20	4.61	2.7	55.5	CLR	Medium	3	2
25-Apr-00	2015	2374	nd	nd	nd	nd	2.65	nd	NIT	Medium	1	1
26-Apr-00	845	5280	19.33	15.17	2.90	3.74	2.85	56.5	CLR	Medium	3	2
26-Apr-00	2015	2364	nd	nd	nd	nd	2.9	59.0	NIT	Medium	1	1
27-Apr-00	930	5665	15.67	15.40	3.00	4.64	2.75	57.0	CLR	Medium	1	2
27-Apr-00	2215	2972	nd	nd	nd	nd	2.69	nd	NIT	High	2	1
28-Apr-00	915	2509	15.20	14.77	3.00	3.9	2.7	56.5	CLD	Medium	1	2
28-Apr-00	2015	2536	nd	nd	nd	nd	2.79	nd	NIT	Medium	1	1
29-Apr-00	900	5374	15.97	14.97	2.70	2.91	2.88	57.0	CLR	Medium	2	2
29-Apr-00	2030	68	nd	nd	nd	nd	2.8	nd	NIT	Low	3	1
30-Apr-00	845	3553	15.47	14.80	3.00	4.9	2.9	57.0	CLR	Medium	1	2
30-Apr-00	2015	2705	nd	nd	nd	nd	2.9	nd	NIT	Medium	1	1
01-May-00	930	5790	15.42	14.95	3.00	4.03	2.9	59.0	CLR	High	1	2
01-May-00	2000	2048	nd	nd	nd	nd	2.8	nd	NIT	Medium	3	1
02-May-00	915	1600	14.97	14.10	3.10	2.7	2.7	58.5	CLR	Medium	3	2
02-May-00	2015	2544	nd	nd	nd	nd	2.6	nd	NIT	Medium	1	1
03-May-00	900	5161	15.87	15.27	2.60	5.4	2.6	58.0	CLR	Medium	3	2

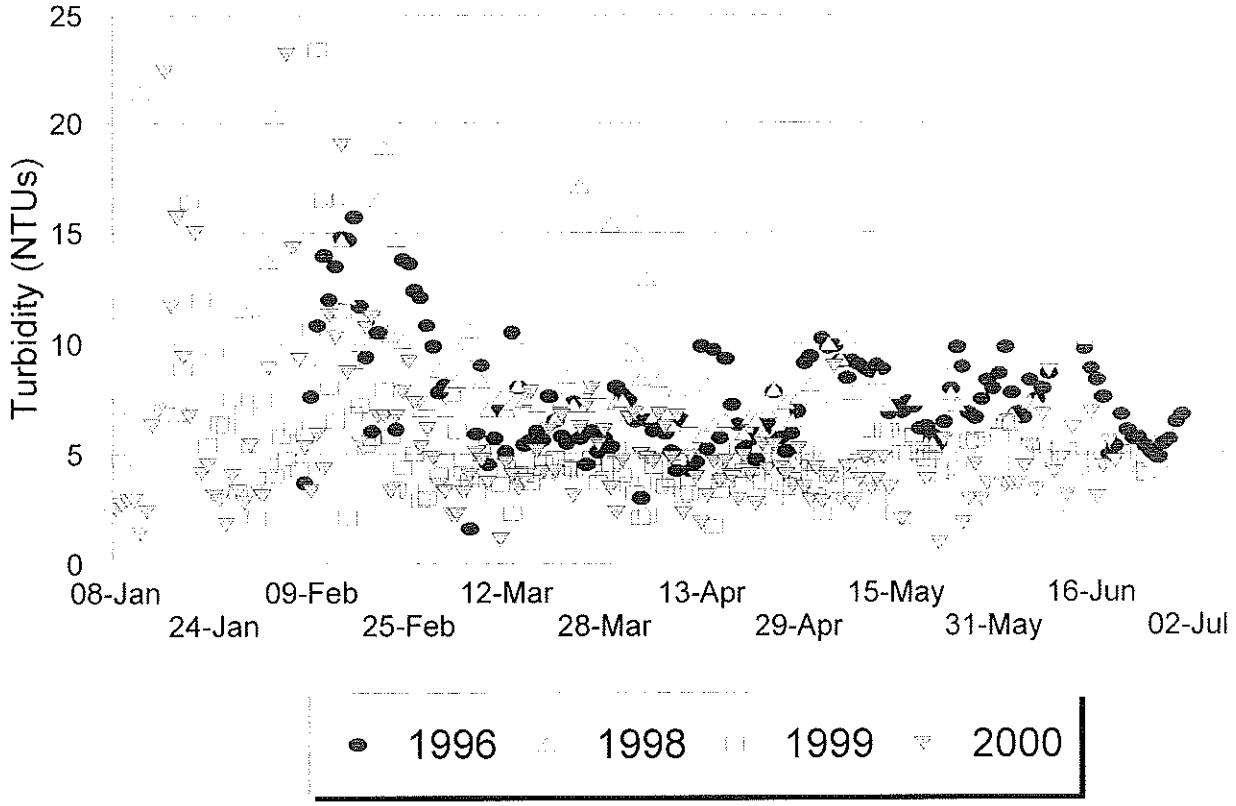
Caswell 2000 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
03-May-00	1945	2453	nd	nd	nd	nd	2.5	nd	NIT	Medium	1	1
04-May-00	915	2996	17.00	15.57	2.80	4.26	2.55	58.5	CLR	Medium	1	2
04-May-00	2115	5684	nd	nd	nd	nd	2.5	nd	NIT	High	1	1
05-May-00	915	8246	17.73	15.33	2.90	5.39	2.7	57.5	CLR	Medium	1	2
05-May-00	2045	2737	nd	nd	nd	nd	2.6	nd	NIT	Low	1	1
06-May-00	900	5534	15.20	14.23	3.10	4.33	2.93	58.0	CLR	Medium	1	2
06-May-00	2000	7484	nd	nd	nd	nd	2.8	nd	NIT	Medium	3	1
07-May-00	845	2556	14.97	14.60	3.00	4	3.2	61.0	CLD	Medium	2	2
07-May-00	1945	1919	nd	nd	nd	nd	3.2	nd	CLD	Medium	3	1
08-May-00	915	740	15.90	15.07	2.60	3.52	3.3	60.0	CLD	Low	3	2
08-May-00	1430	1921	nd	nd	nd	nd	2.8	nd	CLR	Low	1	1
09-May-00	915	6139	14.83	15.03	2.60	5.18	3.1	60.0	CLD	nd	3	2
09-May-00	2100	2724	nd	nd	nd	nd	2.8	nd	NIT	Medium	1	1
09-May-00	2200	2945	nd	nd	nd	nd	nd	60.0	NIT	Low	1	2
09-May-00	2300	3738	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
10-May-00	845	4604	15.60	15.10	2.80	3.42	2.9	60.0	CLR	Medium	1	2
10-May-00	1900	2325	nd	nd	nd	nd	2.76	nd	CLR	High	1	1
11-May-00	1330	2535	nd	14.77	nd	2.86	2.9	60.0	CLR	nd	3	2
12-May-00	830	nd	15.20	14.96	3.17	4.33	2.8	59.0	CLR	High	1	2
12-May-00	1915	167	nd	nd	nd	nd	2.6	nd	CLR	Low	1	1
12-May-00	2015	270	nd	nd	nd	nd	2.6	nd	NIT	Low	1	2
13-May-00	915	3257	15.67	14.83	3.20	2.8	2.9	56.0	CLD	Low	1	2
13-May-00	2000	2478	nd	nd	nd	nd	2.78	nd	NIT	High	2	1
14-May-00	830	2835	15.13	15.40	3.40	3.89	2.9	58.0	CLR	Medium	1	2
14-May-00	2000	2580	nd	nd	nd	nd	2.9	nd	NIT	High	1	1
15-May-00	845	5306	17.30	15.10	3.50	8.94	3.1	60.0	CLR	Medium	1	2
15-May-00	1945	2593	nd	nd	nd	nd	2.9	nd	CLD	Medium	1	1
16-May-00	845	4308	16.13	14.67	3.34	2.9	3	60.0	CLD	Low	3	2
16-May-00	2000	2699	nd	nd	nd	nd	3.34	nd	NIT	Medium	1	1
17-May-00	830	5780	14.77	15.03	3.10	4.4	3.11	60.5	CLD	Medium	1	2
17-May-00	2015	2657	nd	nd	nd	nd	3	nd	CLR	Medium	2	1
18-May-00	900	3081	15.07	14.27	2.90	2.7	3.3	59.0	CLR	Low	1	2
18-May-00	2015	2676	nd	nd	nd	nd	2.9	nd	NIT	Low	2	1
19-May-00	1015	3225	15.90	15.47	2.90	3.8	2.9	58.0	CLR	Medium	1	2
19-May-00	2000	1870	nd	nd	nd	nd	2.9	nd	NIT	Medium	1	1
20-May-00	1030	4220	23.00	14.80	2.90	4.8	2.88	58.0	CLR	Low	1	2
20-May-00	2000	2181	nd	nd	nd	nd	2.9	nd	NIT	Low	1	1
20-May-00	2130	2470	nd	nd	nd	nd	2.9	nd	NIT	Low	1	2
21-May-00	900	5114	16.87	15.07	3.10	3.4	2.74	59.0	CLR	Low	1	2
21-May-00	2000	2575	nd	nd	nd	nd	2.7	nd	CLR	Low	1	1
21-May-00	2100	2815	nd	nd	nd	nd	2.7	nd	NIT	Low	1	2
21-May-00	2145	2960	nd	nd	nd	nd	2.7	nd	NIT	Low	1	2
22-May-00	815	5313	15.63	14.90	2.70	3.8	2.9	60.5	CLR	Medium	1	2
22-May-00	2000	2771	nd	nd	nd	nd	nd	nd	NIT	Medium	1	1
22-May-00	2130	3020	nd	nd	nd	nd	nd	nd	NIT	Low	1	2
23-May-00	830	5577	17.10	15.03	3.20	4.8	2.7	58.0	CLR	Medium	1	2
23-May-00	2015	2481	nd	nd	nd	nd	2.6	nd	NIT	Medium	1	1
24-May-00	915	3266	16.07	15.47	2.60	3.4	2.85	59.0	CLR	Medium	3	2
24-May-00	2030	1570	nd	nd	nd	nd	2.70	nd	NIT	Medium	1	1
25-May-00	1045	2999	17.20	14.63	2.65	nd	2.70	62.0	CLR	Low	3	2
25-May-00	2045	2258	nd	nd	nd	nd	2.70	nd	NIT	Low	1	1
26-May-00	830	4581	15.93	15.07	3.20	2	2.75	58.0	CLR	Medium	3	3
27-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-00	1630	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
30-May-00	930	4113	15.67	14.67	3.10	3.8	2.6	60.0	CLR	Medium	1	1
30-May-00	2000	1128	nd	nd	nd	nd	2.7	nd	NIT	Medium	1	1
31-May-00	845	nd	16.20	14.70	3.50	nd	2.7	60.0	CLR	Low	1	2
01-Jun-00	815	5178	18.63	15.33	3.10	0.9	2.6	60.0	CLR	nd	1	1
01-Jun-00	2000	2728	nd	nd	nd	nd	2.65	nd	CLR	Medium	1	1
02-Jun-00	800	5236	18.07	14.37	2.90	5.6	2.7	61.0	CLR	Low	1	3
03-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-Jun-00	1800	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
05-Jun-00	830	3374	17.7	15.3	2.9	1.8	2.7	62	CLR	High	1	1
05-Jun-00	1915	2521	nd	nd	nd	nd	2.7	nd	CLR	Medium	1	1
06-Jun-00	830	5479	16.53	16.27	nd	2.9	2.7	61.0	CLR	nd	1	2
07-Jun-00	900	5412	17.27	15.67	2.90	4.5	2.7	58.0	CLR	Low	1	1
08-Jun-00	845	4589	23.63	17.40	2.70	2.9	2.9	61.0	CLD	High	1	1
09-Jun-00	1000	4178	33.97	15.83	2.90	3.6	3	60.0	CLR	High	1	3
10-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-Jun-00	1800	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
12-Jun-00	930	43	15.63	14.50	2.90	3.5	2.9	61.5	CLR	Medium	1	1
13-Jun-00	830	4624	19.63	16.47	2.50	3.6	2.7	63.5	CLR	Medium	1	1
14-Jun-00	845	4519	25.50	16.53	2.50	3.6	2.1	63.0	CLR	Medium	1	1
15-Jun-00	830	180	26.23	19.50	2.70	4.4	1.4	65.0	CLR	Low	3	1
16-Jun-00	845	4078	32.13	18.33	2.50	5.3	1	67.0	CLR	Medium	1	1
17-Jun-00	930	4225	46	18.37	2.40	3.3	0.50	65.0	CLR	Medium	1	1
18-Jun-00	900	3716	42.00	42.67	2.50	6.7	0.4	67.5	CLR	Low	1	1
19-Jun-00	845	1970	56.37	18.63	2.30	8.7	0.6	67.0	CLR	Low	1	1
20-Jun-00	830	3961	23.10	20.40	2.50	4.1	0.2	67.0	CLR	Low	1	1
21-Jun-00	845	2512	23.13	21.80	2.40	4.7	nd	68.5	CLR	Medium	1	1
22-Jun-00	930	nd	27.33	29.27	2.30	3.1	nd	69.5	CLR	Low	1	1
23-Jun-00	830	2449	32.93	30.80	2.40	6.1	nd	69.5	CLR	Medium	2	3
24-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Jun-00	1645	0	ns	ns	ns	ns	ns	ns	ns	ns	4	0
26-Jun-00	830	2022	31.33	24.33	2.40	6.8	nd	72.0	CLR	Low	1	1
27-Jun-00	830	2281	33.33	31.40	2.10	3	nd	73.0	CLR	Low	1	1
28-Jun-00	815	599	26.10	25.33	2.10	4.4	nd	73.0	CLR	Low	3	1
29-Jun-00	900	2740	41.63	28.53	1.20	5.5	nd	73.0	CLR	Low	1	1
30-Jun-00	830	2820	34.90	30.67	1.10	4.6	nd	72.0	CLR	Low	1	3

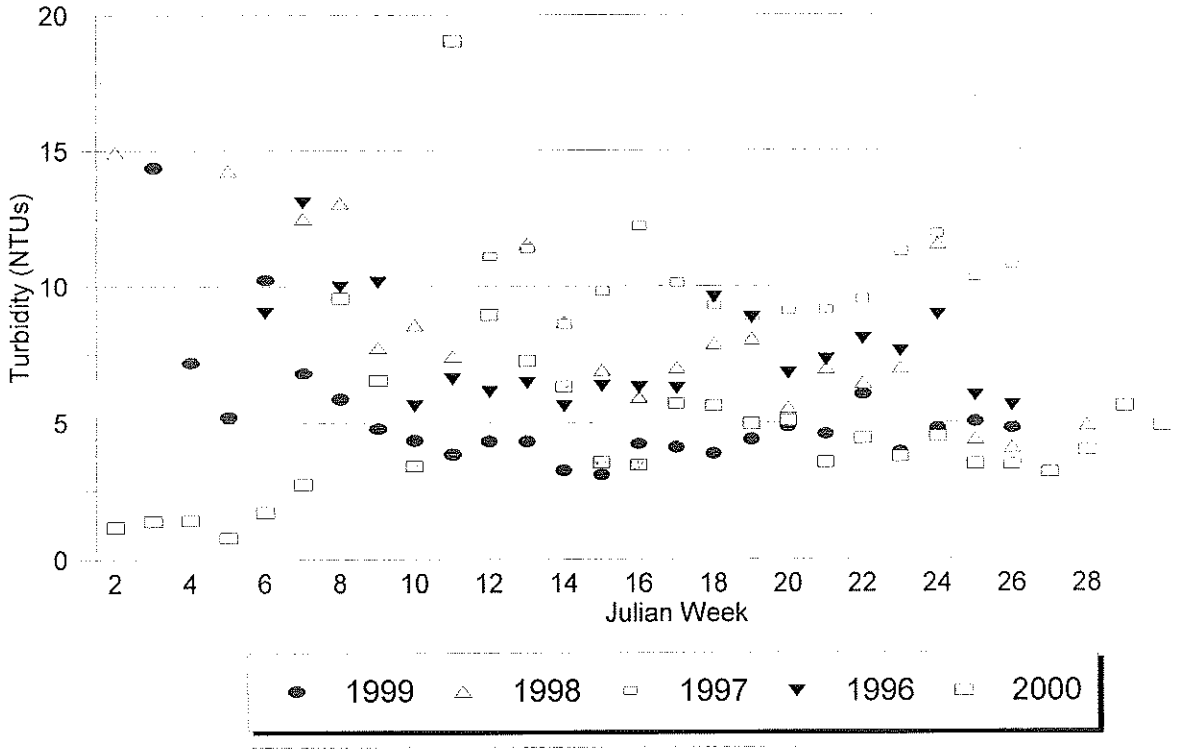
2000 River Flow at OBB and Turbidity at Caswell



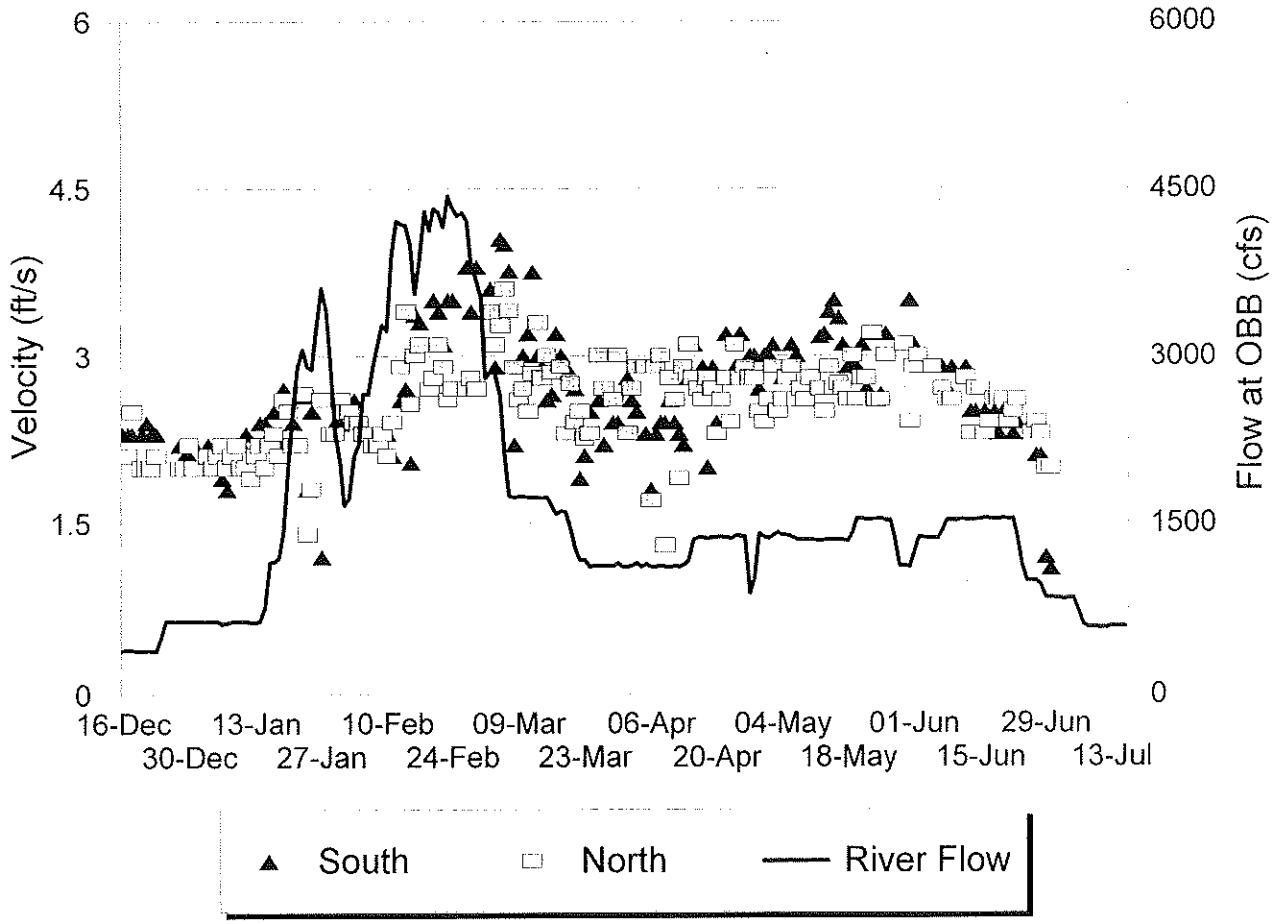
Comparison of Turbidity at Caswell during 1996, 1998, 1999 and 2000



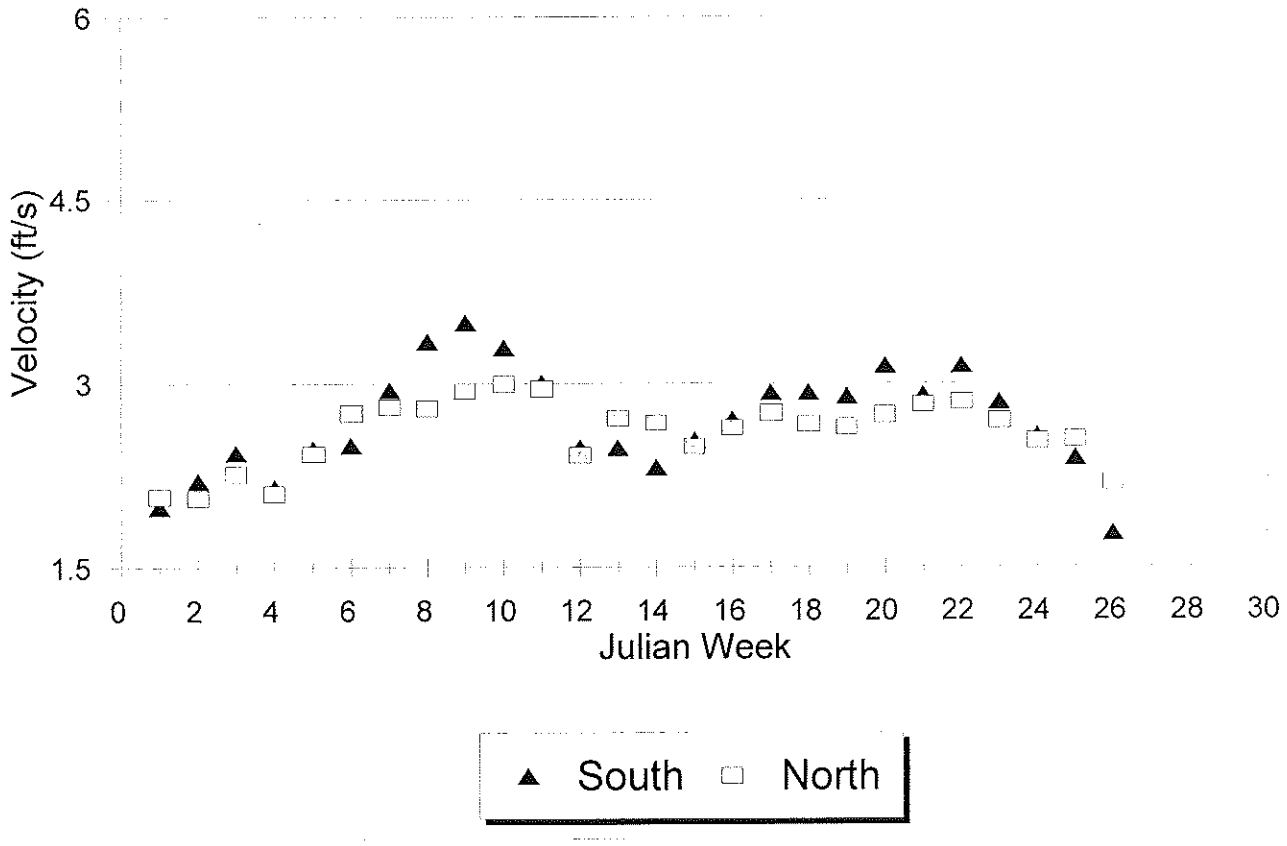
Comparison of Turbidity at Caswell by Julian Week 1996 - 2000



2000 North vs. South Velocity



2000 Average Velocity by Julian Week



Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Combined Number Captured	1999 Combined Number Captured	1998 Combined Number Captured	1997 Combined Number Captured	1996 Combined Number Captured	1995 Combined Number Captured	2000 Combined Mean Length (mm)	1999 Combined Mean Length (mm)	1998 Combined Mean Length (mm)	1997 Combined Mean Length (mm)	1996 Combined Mean Length (mm)	1995 Combined Mean Length (mm)
16-Dec	16-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
17-Dec	17-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
18-Dec	18-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
19-Dec	19-Dec	51	ns	-	-	-	-	-	ns	-	-	-	-	-
20-Dec	20-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
21-Dec	21-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
22-Dec	22-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
23-Dec	23-Dec	51	0	-	-	-	-	-	-	-	-	-	-	-
24-Dec	24-Dec	52	ns	-	-	-	-	-	ns	-	-	-	-	-
25-Dec	25-Dec	52	ns	-	-	-	-	-	ns	-	-	-	-	-
26-Dec	26-Dec	52	ns	-	-	-	-	-	ns	-	-	-	-	-
27-Dec	27-Dec	52	ns	-	-	-	-	-	ns	-	-	-	-	-
28-Dec	28-Dec	52	0	-	-	-	-	-	-	-	-	-	-	-
29-Dec	29-Dec	52	0	-	-	-	-	-	-	-	-	-	-	-
30-Dec	30-Dec	52	0	-	-	-	-	-	-	-	-	-	-	-
31-Dec	31-Dec	52	0	-	-	-	-	-	-	-	-	-	-	-
01-Jan	01-Jan	1	ns	-	-	-	-	-	ns	-	-	-	-	-
02-Jan	02-Jan	1	ns	-	-	-	-	-	ns	-	-	-	-	-
03-Jan	03-Jan	1	0	-	-	-	-	-	-	-	-	-	-	-
04-Jan	04-Jan	1	0	-	-	-	-	-	-	-	-	-	-	-
05-Jan	05-Jan	1	0	-	-	-	-	-	-	-	-	-	-	-
06-Jan	06-Jan	1	0	-	-	-	-	-	-	-	-	-	-	-
07-Jan	07-Jan	1	1	-	-	-	-	-	34	-	-	-	-	-
08-Jan	08-Jan	2	1	-	6	-	-	-	33	-	34.67	-	-	-
09-Jan	09-Jan	2	1	-	0	-	-	-	35	-	-	-	-	-
10-Jan	10-Jan	2	0	-	-	-	-	-	-	-	-	-	-	-
11-Jan	11-Jan	2	0	-	0	-	-	-	-	-	-	-	-	-
12-Jan	12-Jan	2	0	-	3	-	-	-	-	-	36.00	-	-	-
13-Jan	13-Jan	2	0	-	-	-	-	-	-	-	-	-	-	-
14-Jan	14-Jan	2	0	-	-	-	-	-	-	-	-	-	-	-
15-Jan	15-Jan	3	1	-	-	-	-	-	35	-	-	-	-	-
16-Jan	16-Jan	3	0	-	-	-	-	-	-	-	-	-	-	-
17-Jan	17-Jan	3	0	-	-	-	-	-	-	-	-	-	-	-
18-Jan	18-Jan	3	0	13	-	-	-	-	-	34.62	-	-	-	-
19-Jan	19-Jan	3	0	16	-	-	-	-	-	35.38	-	-	-	-
20-Jan	20-Jan	3	0	112	-	-	-	-	-	34.14	-	-	-	-
21-Jan	21-Jan	3	0	1606	-	-	-	-	-	34.65	-	-	-	-
22-Jan	22-Jan	4	0	1849	-	-	-	-	-	34.88	-	-	-	-
23-Jan	23-Jan	4	0	812	-	-	-	-	-	35.1	-	-	-	-
24-Jan	24-Jan	4	1	185	-	-	-	-	35	34.64	-	-	-	-
25-Jan	25-Jan	4	1	938	-	-	-	-	36	34.48	-	-	-	-
26-Jan	26-Jan	4	88	766	-	-	-	-	36.47	35.33	-	-	-	-
27-Jan	27-Jan	4	2763	746	-	-	-	-	36.13	34.89	-	-	-	-
28-Jan	28-Jan	4	3364	909	-	-	-	-	35.3	34.24	-	-	-	-
29-Jan	29-Jan	5	761	623	802	-	-	-	35.24	34.85	35.41	-	-	-
30-Jan	30-Jan	5	198	591	286	-	-	-	36.09	34.58	35.79	-	-	-
31-Jan	31-Jan	5	51	621	195	-	-	-	35.45	34.49	35.22	-	-	-
01-Feb	01-Feb	5	47	310	-	-	-	-	35.79	35.65	-	-	-	-
02-Feb	02-Feb	5	25	925	1,085	-	-	-	37.04	34.97	35.84	-	-	-
03-Feb	03-Feb	5	22	533	332	-	-	-	34.86	35.25	37.65	-	-	-
04-Feb	04-Feb	5	34	582	-	-	-	-	36.53	34.98	-	-	-	-
05-Feb	05-Feb	6	14	586	-	-	-	-	36.07	35.43	-	-	-	-
06-Feb	06-Feb	6	17	1110	-	-	89	-	36.41	34.02	-	-	34.92	-
07-Feb	07-Feb	6	16	723	-	-	42	-	35.38	35.3	-	-	-	-
08-Feb	08-Feb	6	16	411	1,180	-	44	-	37.25	34.91	35.65	-	34.10	-
09-Feb	09-Feb	6	16	1390	-	-	13	-	38.12	35.17	-	-	-	-
10-Feb	10-Feb	6	7	2322	-	-	2	-	38.14	35.26	-	-	-	-
11-Feb	11-Feb	6	13	1903	-	-	0	-	40.08	34.36	-	-	-	-
12-Feb	12-Feb	7	8	2232	-	-	6	-	39.88	35.27	-	-	35.17	-
13-Feb	13-Feb	7	2847	1436	897	-	2	-	35.99	35.57	36.09	-	-	-
14-Feb	14-Feb	7	23531	1143	849	-	28	-	36.91	35.6	37.40	-	-	-
15-Feb	15-Feb	7	5360	1522	1,022	-	39	-	36.7	35	36.51	-	34.76	-
16-Feb	16-Feb	7	11358	156	2,509	-	18	-	38.58	35.82	37.32	-	-	-
17-Feb	17-Feb	7	4524	743	227	-	44	-	37.44	35.47	37.86	-	-	-
18-Feb	18-Feb	7	2828	567	62	-	57	-	36.26	35.78	39.05	-	-	-
19-Feb	19-Feb	8	1840	978	273	-	52	-	36.41	34.3	37.04	-	34.78	-
20-Feb	20-Feb	8	1127	897	352	-	37	-	37.4	36.45	37.41	-	-	-
21-Feb	21-Feb	8	649	1027	393	-		-	35.41	35.31	35.55	-	-	-
22-Feb	22-Feb	8	924	1134	316	-		-	36.91	35.31	36.59	-	-	-
23-Feb	23-Feb	8	502	802	110	-	113	-	35.64	35.72	36.33	-	35.00	-
24-Feb	24-Feb	8	398	780	191	-	3	-	37.05	35.28	36.51	-	-	-
25-Feb	25-Feb	8	ns	491	188	-	24	-	ns	34.11	36.53	-	-	-
26-Feb	26-Feb	9	ns	396	159	-	11	-	ns	35.82	37.96	-	35.55	-
27-Feb	27-Feb	9	199	354	149	-	16	-	38.57	34.88	38.17	-	-	-
28-Feb	28-Feb	9	255	329	162	-	11	-	40.68	35.27	39.16	-	-	-
29-Feb	x	9	238	x	x	x	5	x	40.67	x	x	x	40.40	x
01-Mar	01-Mar	9	105	237	97	-	6	-	40.86	35.33	39.38	-	34.83	-
02-Mar	02-Mar	9	ns	314	123	-	1	-	ns	37.08	38.24	-	-	-
03-Mar	03-Mar	9	1	144	74	-	-	-	55	37.36	38.95	-	-	-
04-Mar	04-Mar	9	82	94	27	-	-	-	45.33	36.76	38.96	-	-	-
05-Mar	05-Mar	10	80	254	49	-	-	-	43.63	39.45	43.98	-	-	-
06-Mar	06-Mar	10	88	317	52	-	0	-	46.57	40.33	46.85	-	-	-
07-Mar	07-Mar	10	11	78	25	-	4	-	51.73	41.41	40.48	-	44.00	-
08-Mar	08-Mar	10	23	88	124	-	4	-	47.7	40.93	51.18	-	-	-
09-Mar	09-Mar	10	250	93	216	-	1	-	52.65	41.51	50.89	-	-	-
10-Mar	10-Mar	10	127	109	394	-	0	-	49.42	41.02	51.40	-	-	-
11-Mar	11-Mar	10	334	39	242	-	0	-	49.78	37.38	50.73	-	-	-
12-Mar	12-Mar	11	106	39	352	-	1	-	50.09	37.36	51.43	-	38.00	-
13-Mar	13-Mar	11	138	ns	68	-	0	-	50.54	ns	54.59	-	-	-
14-Mar	14-Mar	11	174	39	77	-	1	-	54.27	40.59	55.56	-	44.00	-
15-Mar	15-Mar	11	203	38	78	-	0	-	56.07	42.29	50.41	-	-	-
16-Mar	16-Mar	11	119	25	108	-	1	-	58.56	48.84	52.25	-	51.00	-
17-Mar	17-Mar	11	203	ns	238	-	0	-	56.05	ns	54.01	-	-	-
18-Mar	18-Mar	11	512	58	20	-	2	-	57.46	45.05	51.85	-	38.00	-
19-Mar	19-Mar	12	429	29	29	15	0	-	57.62	46	54.62	64.47	-	-

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Combined Number Captured	1999 Combined Number Captured	1998 Combined Number Captured	1997 Combined Number Captured	1996 Combined Number Captured	1995 Combined Number Captured	2000 Combined Mean Length (mm)	1999 Combined Mean Length (mm)	1998 Combined Mean Length (mm)	1997 Combined Mean Length (mm)	1996 Combined Mean Length (mm)	1995 Combined Mean Length (mm)
20-Mar	20-Mar	12	198	39	9	17	1	-	58.25	46.19	60.44	73.29	45.00	-
21-Mar	21-Mar	12	279	24	7	35	0	-	59.58	50.29	51.50	71.77	-	-
22-Mar	22-Mar	12	139	21	1	36	0	-	57.97	45.66	38.00	73.06	-	-
23-Mar	23-Mar	12	225	18	19	48	0	-	62.99	51.67	63.69	74.85	-	-
24-Mar	24-Mar	12	320	ns	54	42	0	-	59.99	ns	63.98	73.98	-	-
25-Mar	25-Mar	12	129	14	48	32	0	-	63.9	52.43	66.83	73.53	-	-
26-Mar	26-Mar	13	34	39	504	30	4	-	63.76	51.82	60.71	76.37	77.50	-
27-Mar	27-Mar	13	77	61	244	22	2	-	67.71	53.57	65.09	77.05	76.50	-
28-Mar	28-Mar	13	71	57	85	28	7	82	66	55.71	68.32	77.18	80.43	-
29-Mar	29-Mar	13	56	53	14	21	10	38	67.11	52.96	65.71	73.43	81.70	-
30-Mar	30-Mar	13	107	20	123	23	3	20	67.44	57.8	67.30	81.78	74.00	-
31-Mar	31-Mar	13	68	14	59	30	5	32	66.78	57.64	68.24	79.73	74.80	-
01-Apr	01-Apr	13	126	63	71	45	3	8	68.39	63.5	67.00	76.27	88.00	-
02-Apr	02-Apr	14	78	77	62	22	3	18	70.36	61.7	72.02	80.18	90.00	-
03-Apr	03-Apr	14	69	47	105	27	8	11	69.51	64.15	66.97	82.26	84.00	-
04-Apr	04-Apr	14	121	109	227	26	18	0	71.24	64.29	67.67	78.50	82.94	-
05-Apr	05-Apr	14	98	26	302	48	9	0	70.47	62.54	67.04	79.19	82.78	-
06-Apr	06-Apr	14	142	35	37	51	14	56	69.03	64.97	61.30	81.02	87.50	-
07-Apr	07-Apr	14	187	23	254	39	13	22	68.67	60.22	66.54	83.18	76.92	-
08-Apr	08-Apr	14	95	11	312	26	1	23	69.99	66.45	67.35	83.54	81.00	-
09-Apr	09-Apr	15	73	12	39	46	8	52	71.72	65	65.95	80.76	66.17	-
10-Apr	10-Apr	15	91	21	66	60	4	108	72.58	65.14	66.36	80.42	80.75	-
11-Apr	11-Apr	15	115	7	79	37	2	135	70.52	66.43	70.02	83.84	85.00	-
12-Apr	12-Apr	15	106	33	71	49	9	119	68.17	73.58	71.92	83.37	82.56	-
13-Apr	13-Apr	15	135	18	24	45	2	63	69.84	74.67	74.04	82.86	80.50	-
14-Apr	14-Apr	15	172	38	25	68	0	110	66.34	73.84	82.40	82.78	-	-
15-Apr	15-Apr	16	487	46	39	37	10	50	66.77	69.49	83.08	81.32	85.50	-
16-Apr	16-Apr	16	134	28	27	37	2	27	66	70.21	78.23	84.22	97.50	-
17-Apr	17-Apr	16	110	57	16	81	3	66	65.94	74.39	78.38	84.68	91.33	-
18-Apr	18-Apr	16	157	52	8	43	6	25	72.32	75.58	73.88	83.63	84.67	-
19-Apr	19-Apr	16	76	59	74	22	15	19	75.69	74.43	78.97	80.86	86.20	-
20-Apr	20-Apr	16	6	38	23	51	1	15	71.83	74.39	74.43	85.02	89.00	-
21-Apr	21-Apr	16	157	27	21	28	22	20	68.77	77.15	78.36	83.36	89.77	-
22-Apr	22-Apr	16	66	28	27	38	36	16	66.05	73.14	84.93	85.39	91.08	-
23-Apr	23-Apr	17	196	12	39	10	20	0	69.78	77.92	79.36	86.80	89.65	-
24-Apr	24-Apr	17	105	49	26	9	38	8	71.6	80.02	81.92	85.00	89.66	-
25-Apr	25-Apr	17	51	40	22	26	39	15	74.12	78.22	81.68	84.54	92.23	-
26-Apr	26-Apr	17	92	45	42	32	38	19	72	77.71	80.07	85.16	91.19	-
27-Apr	27-Apr	17	35	36	44	15	95	28	75.78	76.53	79.68	84.53	90.97	-
28-Apr	28-Apr	17	41	54	75	4	109	5	73.2	76.72	84.12	90.00	91.68	-
29-Apr	29-Apr	17	77	35	67	21	89	10	74.62	78.69	80.19	85.57	91.89	93.9
30-Apr	30-Apr	18	61	35	72	27	121	9	73.02	76.74	83.70	87.56	91.02	87.1
01-May	01-May	18	57	59	101	3	40	11	74.68	78.98	82.00	93.00	91.21	88.9
02-May	02-May	18	49	92	57	15	84	7	74.86	81.8	81.98	86.60	93.40	91.6
03-May	03-May	18	65	34	45	42	44	-	73.42	77.85	82.71	86.33	92.88	-
04-May	04-May	18	54	15	39	28	67	8	74.76	80.93	88.72	88.71	90.47	90.1
05-May	05-May	18	54	9	90	47	107	13	79.13	81	84.84	86.26	93.48	89.8
06-May	06-May	18	40	119	65	9	73	9	78.82	78.29	84.83	91.00	90.60	93.1
07-May	07-May	19	32	55	15	32	42	0	78.25	78.53	83.67	90.53	92.10	-
08-May	08-May	19	6	84	0	29	47	5	79.33	79.31	-	88.52	91.91	91.6
09-May	09-May	19	57	68	-	31	47	17	83.07	79.78	-	87.65	91.36	94.9
10-May	10-May	19	114	55	95	23	21	0	79.91	80.02	86.43	86.13	90.57	-
11-May	11-May	19	38	23	88	21	60	5	79.37	83.05	87.35	89.33	91.84	94.8
12-May	12-May	19	139	62	94	24	20	12	81.66	81.48	86.04	86.04	91.08	92.3
13-May	13-May	19	45	47	45	35	6	16	81.42	78.83	89.84	88.14	-	94.3
14-May	14-May	20	59	72	133	31	16	16	82.32	81.53	88.35	89.61	92.95	98.2
15-May	15-May	20	18	40	158	19	5	2	80.17	80.92	86.46	90.89	98.20	96
16-May	16-May	20	23	50	132	52	19	18	82	80.74	86.21	90.73	91.21	93.4
17-May	17-May	20	71	49	113	5	10	22	84.2	81.78	84.03	89.20	93.70	101.4
18-May	18-May	20	110	95	89	42	14	31	84.13	82.99	87.32	89.78	95.79	98.4
19-May	19-May	20	117	38	118	62	10	12	85.29	83.16	85.33	89.36	99.50	98.9
20-May	20-May	20	98	40	80	38	19	13	83.68	82.83	87.00	88.95	95.00	99.3
21-May	21-May	21	65	126	37	23	23	9	84.68	82.74	87.08	88.43	95.45	99.6
22-May	22-May	21	34	103	59	30	8	6	82.79	83.88	87.19	91.07	94.12	96.8
23-May	23-May	21	15	75	25	0	9	9	87.73	84.54	86.68	-	95.89	98.8
24-May	24-May	21	11	65	53	12	18	5	86.64	82.85	87.75	93.58	94.61	101
25-May	25-May	21	30	13	40	31	20	2	87.59	83.38	85.72	90.45	95.10	99.5
26-May	26-May	21	22	118	71	51	52	15	86.95	85.01	86.70	88.58	95.02	101.6
27-May	27-May	21	ns	73	5	11	30	-	ns	84.93	85.40	90.27	93.26	-
28-May	28-May	22	ns	27	41	6	15	-	ns	86.31	88.73	90.17	94.57	-
29-May	29-May	22	ns	ns	51	42	22	-	ns	-	91.31	90.59	92.95	-
30-May	30-May	22	15	ns	39	2	9	-	85	-	90.92	87.00	93.33	-
31-May	31-May	22	5	ns	0	7	10	-	86	-	-	90.43	95.90	-
01-Jun	01-Jun	22	12	81	6	3	10	-	91.92	84.28	96.67	94	98.00	-
02-Jun	02-Jun	22	14	27	54	11	11	-	87.64	87.07	89.07	89.45	97.27	-
03-Jun	03-Jun	22	ns	59	29	7	2	-	ns	86.64	89.00	89.29	92.00	-
04-Jun	04-Jun	23	ns	55	0	2	2	-	ns	84.33	-	92	99.00	-
05-Jun	05-Jun	23	7	23	76	7	7	-	89.86	84.96	93.12	88.57	102.00	-
06-Jun	06-Jun	23	6	4	3	8	3	-	89	85	100.50	88.75	100.00	-
07-Jun	07-Jun	23	5	31	0	3	1	-	94.4	87.29	-	86	91.00	-
08-Jun	08-Jun	23	4	30	0	2	4	-	90	85.43	-	92.5	99.25	-
09-Jun	09-Jun	23	9	34	66	6	2	-	94.67	88.94	93.68	90.17	93.00	-
10-Jun	10-Jun	23	ns	18	1	3	0	-	ns	89.17	96.00	93.67	-	-
11-Jun	11-Jun	24	ns	29	15	7	0	-	ns	88.14	93.93	93.66	-	-
12-Jun	12-Jun	24	4	ns	16	6	3	-	89.5	ns	93.50	88	87.00	-
13-Jun	13-Jun	24	6	ns	25	5	2	-	89.67	ns	94.54	86.8	90.00	-
14-Jun	14-Jun	24	1	2	10	3	2	-	89	88	95.30	92.33	87.00	-
15-Jun	15-Jun	24	0	2	0	2	0	-	-	92	-	93.5	-	-
16-Jun	16-Jun	24	1	12	6	6	0	-	87	92.08	96.50	88.33	-	-
17-Jun	17-Jun	24	0	15	1	1	1	-	-	91.86	105.00	88	89.00	-
18-Jun	18-Jun	25	1	7	2	3	0	-	96	86.86	101.50	92	-	-
19-Jun	19-Jun	25	0	ns	0	4	0	-	-	ns	-	94.5	-	-
20-Jun	20-Jun	25	0	ns	-	3	0	-	-	ns	-	98	-	-
21-Jun	21-Jun	25	0	2	-	4	1	-	-	94	-	89.25	96.00	-
22-Jun	22-Jun	25	0	9	1	4	0	-	-	90.44	97.00	92	-	-

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Combined Number Captured	1999 Combined Number Captured	1998 Combined Number Captured	1997 Combined Number Captured	1996 Combined Number Captured	1995 Combined Number Captured	2000 Combined Mean Length (mm)	1999 Combined Mean Length (mm)	1998 Combined Mean Length (mm)	1997 Combined Mean Length (mm)	1996 Combined Mean Length (mm)	1995 Combined Mean Length (mm)
23-Jun	23-Jun	25	2	6	2	2	1	-	95.5	93	92.00	94.5	111.00	-
24-Jun	24-Jun	25	ns	6	3	1	1	-	ns	89.6	104.67	92	105.00	-
25-Jun	25-Jun	26	ns	5	0	-	0	-	ns	93.4	-	-	-	-
26-Jun	26-Jun	26	0	ns	0	-	0	-	-	ns	-	-	-	-
27-Jun	27-Jun	26	0	ns	-	-	1	-	-	ns	-	-	94.00	-
28-Jun	28-Jun	26	0	1	-	-	0	-	-	96	-	-	-	-
29-Jun	29-Jun	26	0	1	1	-	0	-	-	103	112.00	-	-	-
30-Jun	30-Jun	26	0	4	2	-	1	-	-	92.75	109.00	-	109.00	-
01-Jul	01-Jul	26	-	-	0	-	1	-	-	-	-	-	101.00	-
02-Jul	02-Jul	27	-	-	0	-	-	-	-	-	-	-	-	-
03-Jul	03-Jul	27	-	-	2	-	-	-	-	-	100.00	-	-	-
04-Jul	04-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-
05-Jul	05-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-
06-Jul	06-Jul	27	-	-	-	-	-	-	-	-	-	-	-	-
07-Jul	07-Jul	27	-	-	0	-	-	-	-	-	-	-	-	-
08-Jul	08-Jul	27	-	-	0	-	-	-	-	-	-	-	-	-
09-Jul	09-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
10-Jul	10-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
11-Jul	11-Jul	28	-	-	-	-	-	-	-	-	-	-	-	-
12-Jul	12-Jul	28	-	-	-	-	-	-	-	-	-	-	-	-
13-Jul	13-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
14-Jul	14-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
15-Jul	15-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
16-Jul	16-Jul	29	-	-	0	-	-	-	-	-	-	-	-	-

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 River Flow (cfs)	1999 River Flow (cfs)	1998 River Flow (cfs)	1997 River Flow (cfs)	1996 River Flow (cfs)	1995 River Flow (cfs)	2000 Turbidity (NTU's)	1999 Turbidity (NTU's)	1998 Turbidity (NTU's)	1997 Turbidity (NTU's)	1996 Turbidity (NTU's)
16-Dec	16-Dec	51	349	385	265	3643	-	256	1.20	-	-	-	-
17-Dec	17-Dec	51	350	391	265	3624	240	258	1.40	-	-	-	-
18-Dec	18-Dec	51	350	391	265	3601	266	257	1.30	-	-	-	-
19-Dec	19-Dec	51	349	382	265	3612	284	257	ns	-	-	-	-
20-Dec	20-Dec	51	347	381	265	3636	286	259	1.50	-	-	-	-
21-Dec	21-Dec	51	347	386	266	4223	287	258	1.40	-	-	-	-
22-Dec	22-Dec	51	344	385	267	4855	289	257	1.50	-	-	-	-
23-Dec	23-Dec	51	336	382	265	3827	290	257	1.30	-	-	-	-
24-Dec	24-Dec	52	338	491	265	3677	288	266	ns	-	-	-	-
25-Dec	25-Dec	52	335	639	267	3594	288	260	ns	-	-	-	-
26-Dec	26-Dec	52	334	638	270	3590	287	257	ns	-	-	-	-
27-Dec	27-Dec	52	334	636	269	3934	287	256	ns	-	-	-	-
28-Dec	28-Dec	52	334	638	268	5253	286	259	1.40	-	-	-	-
29-Dec	29-Dec	52	340	637	268	5282	297	258	1.60	-	-	-	-
30-Dec	30-Dec	52	337	637	267	5712	374	257	1.30	-	-	-	-
31-Dec	31-Dec	52	334	640	268	5759	311	257	1.40	-	-	-	-
01-Jan	01-Jan	1	334	642	266	6063	296	257	ns	-	-	-	-
02-Jan	02-Jan	1	334	640	273	6859	295	255	ns	-	-	-	-
03-Jan	03-Jan	1	335	636	271	5858	284	257	0.90	-	-	-	-
04-Jan	04-Jan	1	338	636	371	6370	285	290	1.10	-	-	-	-
05-Jan	05-Jan	1	333	636	302	6181	288	376	0.70	-	-	-	-
06-Jan	06-Jan	1	332	618	273	6053	287	344	0.80	-	-	-	-
07-Jan	07-Jan	1	336	625	274	6350	287	885	0.50	-	-	-	-
08-Jan	08-Jan	2	335	637	273	7506	288	651	nd	-	7.2	-	-
09-Jan	09-Jan	2	334	638	273	7254	287	323	1.30	-	4.8	-	-
10-Jan	10-Jan	2	332	639	365	7778	292	535	nd	-	-	-	-
11-Jan	11-Jan	2	335	637	450	7902	295	851	1.20	-	26.4	-	-
12-Jan	12-Jan	2	343	633	1619	7436	-	355	0.90	-	21.4	-	-
13-Jan	13-Jan	2	337	632	2419	7028	284	341	1.50	-	-	-	-
14-Jan	14-Jan	2	334	641	1532	7742	283	383	2.50	-	-	-	-
15-Jan	15-Jan	3	337	765	2038	7547	284	483	3.00	-	-	-	-
16-Jan	16-Jan	3	339	1152	2612	7444	490	384	2.10	-	-	-	-
17-Jan	17-Jan	3	346	1157	1618	7915	383	293	3.30	-	-	-	-
18-Jan	18-Jan	3	351	1192	1313	7810	311	272	2.50	6.8	-	-	-
19-Jan	19-Jan	3	340	1428	1521	7509	435	262	2.70	8.9	-	-	-
20-Jan	20-Jan	3	344	2037	1274	6629	321	260	2.90	16.4	-	-	-
21-Jan	21-Jan	3	343	2471	1160	6826	378	261	2.90	25.5	-	-	-
22-Jan	22-Jan	4	342	2888	996	6841	324	269	1.40	12	-	-	-
23-Jan	23-Jan	4	343	3052	843	7399	302	341	2.40	5.4	-	-	-
24-Jan	24-Jan	4	447	2901	833	7557	298	743	6.30	9.6	-	-	-
25-Jan	25-Jan	4	752	2876	825	7656	730	1031	7.00	6.4	-	-	-
26-Jan	26-Jan	4	389	3276	1036	6932	334	920	22.40	6.3	-	-	-
27-Jan	27-Jan	4	352	3607	1366	6716	438	2019	11.70	7.5	-	-	-
28-Jan	28-Jan	4	342	3399	1365	7031	619	2114	15.70	3.3	-	-	-
29-Jan	29-Jan	5	339	2930	1806	7229	503	1620	9.40	7.1	11.5	-	-
30-Jan	30-Jan	5	347	2308	2623	7549	492	845	6.70	5.4	11.6	-	-
31-Jan	31-Jan	5	368	2057	2629	7771	620	278	15.00	2.1	-	-	-
01-Feb	01-Feb	5	349	1658	2526	7731	384	265	4.10	7.4	-	-	-
02-Feb	02-Feb	5	339	1719	2524	7775	317	259	4.50	4.5	13.7	-	-
03-Feb	03-Feb	5	343	2104	3854	7843	302	253	3.10	4.0	20.3	-	-
04-Feb	04-Feb	5	378	2205	3767	7813	591	252	2.90	5.8	-	-	-
05-Feb	05-Feb	6	349	2652	5497	7780	642	250	1.80	4.8	-	-	-
06-Feb	06-Feb	6	341	2649	4915	7769	355	249	4.00	6.2	-	-	-
07-Feb	07-Feb	6	340	2901	4333	7801	320	253	3.30	4.3	-	-	-
08-Feb	08-Feb	6	337	3110	5434	7838	306	251	2.80	5.9	44.1	-	3.7
09-Feb	09-Feb	6	333	3278	5460	7816	300	252	5.40	10.7	-	-	7.6
10-Feb	10-Feb	6	340	3228	5095	7160	516	249	3.40	23.4	-	-	10.8
11-Feb	11-Feb	6	359	3896	5004	4501	678	248	3.10	16.5	-	-	14.0
12-Feb	12-Feb	7	761	4209	4850	3720	681	248	8.90	8.0	-	-	12.0
13-Feb	13-Feb	7	951	4183	4772	3770	913	251	37.70	6.5	16.6	-	13.5
14-Feb	14-Feb	7	1544	4166	4508	3792	1179	297	34.70	11.5	14.7	-	14.8
15-Feb	15-Feb	7	1410	3995	4358	4182	1595	259	23.20	2.1	12.1	-	14.7
16-Feb	16-Feb	7	1419	3557	5003	5631	1648	253	14.30	6.8	9.2	-	15.7
17-Feb	17-Feb	7	1412	3863	4488	6812	1652	251	9.30	7.2	10	-	11.7
18-Feb	18-Feb	7	1860	4296	5064	7549	1650	248	5.30	5.4	-	-	9.4
19-Feb	19-Feb	8	2630	4129	4481	7716	2014	245	3.30	5.7	11.6	-	6.0
20-Feb	20-Feb	8	2653	4316	4530	7482	2841	244	5.90	10.6	16.5	-	10.5
21-Feb	21-Feb	8	2773	4291	4566	7601	3223	245	4.30	7.9	18.9	-	-
22-Feb	22-Feb	8	2679	4158	4571	7565	2797	246	11.30	5.8	10.4	-	-
23-Feb	23-Feb	8	3129	4432	4201	7574	3093	245	10.30	3.4	14.7	-	6.1
24-Feb	24-Feb	8	2684	4325	3746	7795	3245	240	19.00	4.4	10.1	-	13.8
25-Feb	25-Feb	8	2653	4261	3746	6225	3232	242	8.70	3.3	9.5	-	13.6
26-Feb	26-Feb	9	2615	4284	3751	8270	3271	241	ns	5.0	-	-	12.4
27-Feb	27-Feb	9	2948	4207	3700	8110	3341	240	5.50	2.9	7	-	12.1
28-Feb	28-Feb	9	3123	3842	3709	6947	3481	243	10.70	3.0	7.3	-	10.8
29-Feb	x	9	3893	x	x	x	3894	x	11.20	x	x	x	9.9
01-Mar	01-Mar	9	3780	3535	3713	6230	3897	245	6.70	4.0	8.8	-	7.8
02-Mar	02-Mar	9	3665	2800	3508	6175	3866	246	6.70	4.7	7	-	8.1
03-Mar	03-Mar	9	3664	2861	2967	6223	3856	254	3.30	7.7	8.1	-	-
04-Mar	04-Mar	9	3691	2840	2450	5495	3836	263	6.70	6.0	8.3	-	-
05-Mar	05-Mar	10	4187	2641	2048	4740	3975	259	7.80	4.1	9.5	-	-
06-Mar	06-Mar	10	3708	2135	2106	4081	3850	254	9.20	3.8	10.6	-	1.6
07-Mar	07-Mar	10	3818	1738	2071	3488	3847	247	7.30	3.3	-	-	5.9
08-Mar	08-Mar	10	3646	1727	2059	2547	3842	249	5.30	5.0	8.3	-	9.0
09-Mar	09-Mar	10	3474	1736	2089	1912	3849	274	6.10	5.7	7	-	4.5
10-Mar	10-Mar	10	3081	1734	2098	1620	3782	1308	4.82	5.1	-	-	5.7
11-Mar	11-Mar	10	3061	1730	1974	1584	3641	2909	3.60	3.6	7.5	-	7.0
12-Mar	12-Mar	11	2922	1727	1721	1499	3584	2364	3.28	4.4	7	-	5.1
13-Mar	13-Mar	11	2431	1724	1620	1621	3552	2061	2.25	2.3	7.3	-	10.5
14-Mar	14-Mar	11	1893	1722	1577	1587	3489	566	2.25	4.1	8.1	-	8.0
15-Mar	15-Mar	11	1574	1729	1574	1610	3529	314	3.24	4.0	7.4	-	5.4
16-Mar	16-Mar	11	1551	1643	1570	1625	3524	298	4.00	3.7	7.5	-	5.6
17-Mar	17-Mar	11	1553	1577	1569	1612	3519	306	5.05	nd	7.2	-	6.0
18-Mar	18-Mar	11	1550	1602	1768	1647	3530	278	4.72	4.6	-	-	5.6
19-Mar	19-Mar	12	1549	1595	2798	1618	3522	276	3.66	4.2	-	11.8	7.6
20-Mar	20-Mar	12	1126	1450	3413	1631	3503	347	nd	4.8	6.6	10.4	6.5
21-Mar	21-Mar	12	877	1782	3365	1645	3500	450	1.11	4.1	7.4	10.8	5.9

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 River Flow (cfs)	1999 River Flow (cfs)	1998 River Flow (cfs)	1997 River Flow (cfs)	1996 River Flow (cfs)	1995 River Flow (cfs)	2000 Turbidity (NTU's)	1999 Turbidity (NTU's)	1998 Turbidity (NTU's)	1997 Turbidity (NTU's)	1996 Turbidity (NTU's)
22-Mar	22-Mar	12	850	1172	2744	1558	3413	612	4.58	4.4	8.5	11.1	5.5
23-Mar	23-Mar	12	857	1175	2499	1362	3010	2090	4.04	4.3	7.2	10.6	7.3
24-Mar	24-Mar	12	846	1119	2491	1175	2761	850	3.40	ns	17.1	10.6	5.7
25-Mar	25-Mar	12	846	1124	2657	876	2539	325	3.80	4.2	7.2	10.2	4.5
26-Mar	26-Mar	13	847	1124	2351	524	2226	295	7.80	4.8	8	12.1	6.0
27-Mar	27-Mar	13	846	1121	1883	621	2125	287	5.12	3.7	7.8	14	5.1
28-Mar	28-Mar	13	-	1124	1728	595	2024	273	4.16	4.5	28.4	13.4	5.7
29-Mar	29-Mar	13	-	1124	1593	601	1896	270	6.07	4.5	15.4	10.7	5.3
30-Mar	30-Mar	13	-	1146	1561	605	1790	267	4.20	5.2	7.3	8.7	8.0
31-Mar	31-Mar	13	-	1116	1582	616	1748	264	6.71	4.0	7.4	10.1	7.7
01-Apr	01-Apr	13	-	1111	1645	618	1794	224	nd	3.6	6.8	10.8	7.4
02-Apr	02-Apr	14	-	1123	1580	614	1791	208	3.09	3.2	9.5	-	6.5
03-Apr	03-Apr	14	-	1146	1758	597	1794	209	6.18	2.1	8.4	10.2	3.0
04-Apr	04-Apr	14	851	1116	1649	599	1788	274	7.20	2.2	12.9	9.4	6.5
05-Apr	05-Apr	14	860	1135	1580	602	1809	302	7.95	4.4	6.7	8.7	6.0
06-Apr	06-Apr	14	831	1117	1561	597	1791	297	5.41	3.6	8.3	9.3	6.2
07-Apr	07-Apr	14	816	1111	1822	590	1780	320	6.05	3.5	-	6.3	5.9
08-Apr	08-Apr	14	826	1121	2080	602	1779	578	3.43	3.8	6.3	7.8	5.1
09-Apr	09-Apr	15	831	1115	2065	599	1775	581	2.31	4.4	7.9	8.4	4.2
10-Apr	10-Apr	15	878	1108	2052	598	1776	582	4.67	3.1	-	8.8	6.5
11-Apr	11-Apr	15	1071	1124	2066	589	1781	586	6.61	3.2	6.5	8.4	4.2
12-Apr	12-Apr	15	1200	1113	2069	730	1731	586	6.81	nd	-	7.8	4.6
13-Apr	13-Apr	15	1275	1129	2206	1164	1598	590	4.97	nd	5.8	10.3	9.9
14-Apr	14-Apr	15	1434	1169	2182	1711	1595	589	4.78	nd	8.1	12.5	5.2
15-Apr	15-Apr	15	1109	1348	2066	1707	1599	1117	4.59	1.7	6.3	12.5	9.7
16-Apr	16-Apr	16	1104	1368	2051	1651	1656	1347	6.77	3.3	4.1	11.2	5.7
17-Apr	17-Apr	16	1115	1366	2035	1668	1706	1328	6.20	3.8	6.5	11.3	9.3
18-Apr	18-Apr	16	1081	1363	1996	1684	1711	1311	4.80	4.6	-	12	7.2
19-Apr	19-Apr	16	871	1369	1996	1680	1679	1301	6.71	5.3	-	13.9	6.3
20-Apr	20-Apr	16	1174	1372	2008	1695	1670	1308	2.30	4.2	5.9	13.4	5.2
21-Apr	21-Apr	16	1495	1377	1979	1685	1675	1305	4.69	4.3	6.6	12.4	5.6
22-Apr	22-Apr	16	1485	1366	1982	1668	1673	1305	3.88	4.0	6.5	11.4	4.7
23-Apr	23-Apr	17	1487	1364	2009	1679	1668	1301	1.87	3.7	6	11	6.0
24-Apr	24-Apr	17	1484	1380	2057	1680	1673	1304	3.09	5.7	6.9	10.5	6.4
25-Apr	25-Apr	17	1508	1382	2016	1666	1676	1409	4.61	3.0	7.9	10	7.8
26-Apr	26-Apr	17	1501	1373	1992	1691	1676	1607	3.74	5.0	-	10.3	5.7
27-Apr	27-Apr	17	1495	883	2005	1716	1662	1516	4.64	3.4	7.3	10.1	5.1
28-Apr	28-Apr	17	1501	1010	1998	1685	1668	1303	3.90	3.8	6.5	9.9	5.9
29-Apr	29-Apr	17	1497	1399	2004	1686	1684	1312	2.91	4.2	7.5	9.2	6.9
30-Apr	30-Apr	18	1497	1372	2014	1680	1683	1318	4.90	5.0	4.5	8.9	9.1
01-May	01-May	18	1496	1364	2019	1682	1684	1355	4.03	4.6	8.1	9.4	9.4
02-May	02-May	18	1493	1384	1972	1672	1660	1338	2.70	3.1	-	9.7	-
03-May	03-May	18	1507	1416	2008	1653	1659	1332	5.40	2.3	-	9.5	10.2
04-May	04-May	18	1511	1392	2049	1648	1674	1319	4.26	4.0	10	9.3	9.8
05-May	05-May	18	1510	1389	2063	1659	1662	1316	5.39	4.2	7.6	9.4	9.9
06-May	06-May	18	1522	1372	2011	1633	1640	1339	4.33	nd	9.3	8.9	9.2
07-May	07-May	19	1527	1355	-	1653	1664	1323	4.00	nd	10.2	9	8.4
08-May	08-May	19	1523	1348	-	1639	1650	1460	3.52	3.5	7.7	9.2	9.2
09-May	09-May	19	1525	1348	2025	1662	1663	1588	5.18	4.6	-	8.8	9.0
10-May	10-May	19	1527	1352	2005	1652	1667	1463	3.42	4.4	-	9.1	8.8
11-May	11-May	19	1515	1345	2004	1639	1653	1313	2.66	4.9	6	8.9	8.7
12-May	12-May	19	1528	1339	2033	1642	1644	1315	4.33	3	8.4	8.8	9.0
13-May	13-May	19	1518	1344	2088	1581	-	1353	2.80	6	-	8.6	8.8
14-May	14-May	20	1522	1349	2027	1038	-	1366	3.89	6	7.2	8.7	6.8
15-May	15-May	20	1526	1347	2017	1571	-	1389	8.94	2.3	-	9	7.1
16-May	16-May	20	1544	1342	2019	1613	-	1413	2.90	5	6.3	9.4	6.9
17-May	17-May	20	1526	1341	2028	1602	1698	1424	4.40	5	2.1	9.3	7.3
18-May	18-May	20	1528	1339	2023	1616	1658	1370	2.70	5.8	7.4	8.9	7.1
19-May	19-May	20	1517	1412	2016	1621	1693	1345	3.80	5	4.9	9.1	6.1
20-May	20-May	20	1504	1534	2027	1598	1697	1334	4.80	4.7	5.4	9.2	6.2
21-May	21-May	21	1520	1533	2010	1600	1670	1328	3.40	5	5.4	9	5.8
22-May	22-May	21	1527	1523	2036	1607	1525	1347	3.80	4	9.1	8.9	5.4
23-May	23-May	21	1536	1527	2033	1506	1151	1329	4.80	4.1	-	8.6	6.4
24-May	24-May	21	1546	1525	2061	1218	936	1305	3.40	nd	7.7	9.1	7.9
25-May	25-May	21	1546	1532	2077	1233	901	1311	nd	4.3	7.2	9.3	9.8
26-May	26-May	21	1538	1521	2067	1224	921	1479	2.00		-	9.4	8.9
27-May	27-May	21	1544	1520	2060	1398	955	1626	ns	5.5	5.5	9.7	6.8
28-May	28-May	22	1545	1371	2066	1608	958	1482	ns	5.6	-	9.6	6.6
29-May	29-May	22	1549	1124	2035	1515	935	1347	ns	ns	6	9.8	7.4
30-May	30-May	22	1541	1122	2034	1468	935	1338	3.80	ns	-	9.5	8.3
31-May	31-May	22	1537	1114	2053	1395	939	1326	nd	ns	-	9.4	7.9
01-Jun	01-Jun	22	1546	1229	1929	1300	945	1185	0.90	5.8	6.4	9.5	8.6
02-Jun	02-Jun	22	1538	1365	1671	1300	939	889	5.60	6.4	6.7	9.3	9.8
03-Jun	03-Jun	22	1536	1369	1551	1603	933	673	ns	6.3	6.7	9.7	7.7
04-Jun	04-Jun	23	1534	1360	1527	1611	936	679	ns	4.5	-	10.2	6.8
05-Jun	05-Jun	23	1541	1356	1537	1609	933	684	1.80	1.4	-	10.5	6.6
06-Jun	06-Jun	23	1539	1362	1531	1547	929	678	2.90	5.4	7.3	10.3	8.3
07-Jun	07-Jun	23	1540	1433	1536	1194	976	684	4.50	4.4	7.3	11.1	7.4
08-Jun	08-Jun	23	1552	1516	1539	949	1281	686	2.90	4.6	-	11.5	7.9
09-Jun	09-Jun	23	1470	1522	1515	907	1275	674	3.60	5.1	6.4	12.6	8.6
10-Jun	10-Jun	23	1431	1518	1528	924	1279	666	ns	2.0	-	12.9	-
11-Jun	11-Jun	24	1426	1525	1557	917	1300	675	ns	5.2	9.3	12.5	-
12-Jun	12-Jun	24	1324	1521	1593	913	1308	678	3.50	-	-	12.6	-
13-Jun	13-Jun	24	1129	1522	1564	915	1292	682	3.60	-	-	12.3	-
14-Jun	14-Jun	24	958	1521	1565	908	1200	671	3.60	5.1	-	11.9	-
15-Jun	15-Jun	24	832	1527	1621	905	1077	606	4.40	5.2	10.2	12.1	9.7
16-Jun	16-Jun	24	695	1535	1697	908	928	352	5.30	4.0	-	nd	8.8
17-Jun	17-Jun	24	698	1531	1947	903	848	271	3.30	4.4	15.2	10.2	8.3
18-Jun	18-Jun	25	669	1528	2082	896	850	246	6.70	7.3	-	10.7	7.5
19-Jun	19-Jun	25	544	1529	2146	898	844	245	8.70	ns	-	11	4.9
20-Jun	20-Jun	25	493	1535	2154	912	829	240	4.10	ns	-	10.6	5.3
21-Jun	21-Jun	25	460	1525	2132	921	821	237	4.70	5.0	-	10.5	6.7
22-Jun	22-Jun	25	424	1530	2127	916	833	250	3.10	4.6	-	9.8	6.0
23-Jun	23-Jun	25	439	1386	2119	918	811	268	6.10	3.4	-	10.1	5.6
24-Jun	24-Jun	25	421	1130	2130	925	825	237	ns	4.8	4.4	9.6	5.7
25-Jun	25-Jun	26	423	992	2155	917	842	238	ns	4.0	4.1	10.3	5.3
26-Jun	26-Jun	26	422	994	2105	882	852	234	8.50	ns	-	10.7	5.0

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 River Flow (cfs)	1999 River Flow (cfs)	1998 River Flow (cfs)	1997 River Flow (cfs)	1996 River Flow (cfs)	1995 River Flow (cfs)	2000 Turbidity (NTU's)	1999 Turbidity (NTU's)	1998 Turbidity (NTU's)	1997 Turbidity (NTU's)	1996 Turbidity (NTU's)
27-Jun	27-Jun	26	420	992	2094	792	831	239	3.00	ns	-	11.4	4.8
28-Jun	28-Jun	26	417	953	2110	800	815	246	4.40	5.9	-	-	5.4
29-Jun	29-Jun	26	421	846	2120	609	776	250	5.50	4.6	-	-	5.6
30-Jun	30-Jun	26	415	841	2120	733	757	266	4.60	4.6	-	-	6.4
01-Jul	01-Jul	26	-	841	2112	504	753	282	-	-	-	-	6.7
02-Jul	02-Jul	27	-	836	2112	423	-	-	-	-	-	-	-
03-Jul	03-Jul	27	-	829	2116	383	-	326	-	-	-	-	-
04-Jul	04-Jul	27	-	833	2115	374	-	314	-	-	-	-	-
05-Jul	05-Jul	27	-	833	2125	397	-	-	-	-	-	-	-
06-Jul	06-Jul	27	-	730	2097	392	-	303	-	-	-	-	-
07-Jul	07-Jul	27	-	610	2077	397	-	282	-	-	-	-	-
08-Jul	08-Jul	27	-	588	2110	373	-	300	-	-	-	-	-
09-Jul	09-Jul	28	-	583	2009	381	-	300	-	-	5.3	-	-
10-Jul	10-Jul	28	-	583	1861	383	-	289	-	-	4.2	-	-
11-Jul	11-Jul	28	-	579	1830	382	-	270	-	-	-	-	-
12-Jul	12-Jul	28	-	581	1828	384	625	240	-	-	-	-	-
13-Jul	13-Jul	28	-	594	1810	364	673	245	-	-	5.2	-	-
14-Jul	14-Jul	28	-	591	1799	366	655	244	-	-	-	-	-
15-Jul	15-Jul	28	-	595	1808	389	716	251	-	-	4.8	-	-
16-Jul	16-Jul	29	-	591	1805	394	696	250	-	-	4.6	-	-

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Average River Temp. (F)	Temp (C)	1999 Average River Temp. (F)	Temp (C)	1998 Average River Temp. (F)	Temp (C)	1997 Average River Temp. (F)	1996 Average River Temp. (F)	Temp (C)
16-Dec	16-Dec	51	47.44	8.58	49.64	9.80	-	-	-	-	-
17-Dec	17-Dec	51	47.48	8.60	49.83	9.90	-	-	-	-	-
18-Dec	18-Dec	51	48.07	8.93	49.86	9.92	-	-	-	-	-
19-Dec	19-Dec	51	48.48	9.16	49.02	9.45	-	-	-	-	-
20-Dec	20-Dec	51	48.25	9.03	46.88	8.27	-	-	-	-	-
21-Dec	21-Dec	51	48.65	9.25	45.22	7.34	-	-	-	-	-
22-Dec	22-Dec	51	48.28	9.04	44.67	7.04	-	-	-	-	-
23-Dec	23-Dec	51	47.89	8.83	44.26	6.81	-	-	-	-	-
24-Dec	24-Dec	52	47.43	8.57	44.27	6.82	-	-	-	-	-
25-Dec	25-Dec	52	47.29	8.49	44.91	7.17	-	-	-	-	-
26-Dec	26-Dec	52	47.17	8.43	45.62	7.57	-	-	-	-	-
27-Dec	27-Dec	52	47.06	8.37	45.87	7.70	-	-	-	-	-
28-Dec	28-Dec	52	47.1	8.39	46.13	7.85	-	-	-	-	-
29-Dec	29-Dec	52	47.01	8.34	46.43	8.02	-	-	-	-	-
30-Dec	30-Dec	52	46.69	8.16	46.97	8.32	-	-	-	-	-
31-Dec	31-Dec	52	47.39	8.55	47.99	8.88	-	-	-	-	-
01-Jan	01-Jan	1	48.38	9.10	48.04	8.91	-	-	-	-	-
02-Jan	02-Jan	1	48.1	8.94	47.89	8.83	-	-	-	-	-
03-Jan	03-Jan	1	47.32	8.51	47.56	8.65	-	-	-	-	-
04-Jan	04-Jan	1	47	8.33	47.51	8.62	-	-	-	-	-
05-Jan	05-Jan	1	47.28	8.49	46.96	8.31	-	-	-	-	-
06-Jan	06-Jan	1	46.49	8.05	46.52	8.07	-	-	-	-	-
07-Jan	07-Jan	1	46.93	8.29	46.43	8.02	-	-	-	-	-
08-Jan	08-Jan	2	46.77	8.21	47.40	8.56	49.87	9.93	-	-	-
09-Jan	09-Jan	2	47.58	8.66	46.93	8.29	50.04	10.02	-	-	-
10-Jan	10-Jan	2	47.63	8.68	46.80	8.22	50.74	10.41	-	-	-
11-Jan	11-Jan	2	48.83	9.35	46.95	8.30	51.42	10.79	-	-	-
12-Jan	12-Jan	2	49.81	9.89	46.95	8.30	52.18	11.21	-	-	-
13-Jan	13-Jan	2	49.85	9.92	47.02	8.35	51.17	10.65	-	-	-
14-Jan	14-Jan	2	49.91	9.95	47.85	8.80	50.05	10.03	-	-	-
15-Jan	15-Jan	3	50.83	10.46	49.66	9.81	50.27	10.15	-	-	-
16-Jan	16-Jan	3	51.34	10.74	51.04	10.58	51.53	10.85	-	-	-
17-Jan	17-Jan	3	51.78	10.99	51.64	10.91	52.43	11.35	-	-	-
18-Jan	18-Jan	3	52.18	11.21	51.49	10.83	52.32	11.29	-	-	-
19-Jan	19-Jan	3	53.88	12.16	51.92	11.07	51.57	10.87	-	-	-
20-Jan	20-Jan	3	54.67	12.59	51.86	11.03	50.65	10.36	-	-	-
21-Jan	21-Jan	3	53.61	12.01	50.78	10.43	49.66	9.81	-	-	-
22-Jan	22-Jan	4	53.56	11.98	50.91	10.51	49.42	9.68	-	-	-
23-Jan	23-Jan	4	53.54	11.97	50.81	10.45	49.57	9.76	-	-	-
24-Jan	24-Jan	4	53.45	11.92	50.08	10.05	49.98	9.99	-	-	-
25-Jan	25-Jan	4	54.26	12.37	50.32	10.18	50.18	10.10	-	-	-
26-Jan	26-Jan	4	53.98	12.21	49.79	9.88	50.88	10.49	-	-	-
27-Jan	27-Jan	4	53.59	11.99	49.88	9.94	51.40	10.78	-	-	-
28-Jan	28-Jan	4	52.37	11.32	49.66	9.81	51.76	10.98	-	-	-
29-Jan	29-Jan	5	51.89	11.05	49.83	9.90	52.03	11.13	-	-	-
30-Jan	30-Jan	5	52.09	11.16	49.64	9.80	51.22	10.68	-	-	-
31-Jan	31-Jan	5	51.8	11.00	49.94	9.97	50.92	10.51	-	-	-
01-Feb	01-Feb	5	52.33	11.29	49.69	9.83	51.10	10.61	-	-	-
02-Feb	02-Feb	5	52.56	11.42	49.59	9.77	51.35	10.75	-	-	-
03-Feb	03-Feb	5	52.61	11.45	50.20	10.11	52.02	11.12	-	-	-
04-Feb	04-Feb	5	52.86	11.59	50.17	10.10	51.60	10.89	-	-	-
05-Feb	05-Feb	6	52.98	11.66	50.41	10.23	51.26	10.70	-	-	-
06-Feb	06-Feb	6	53.21	11.78	50.31	10.17	51.21	10.67	-	-	-
07-Feb	07-Feb	6	53.48	11.93	50.86	10.48	51.10	10.61	-	-	-
08-Feb	08-Feb	6	54.74	12.63	51.44	10.80	50.45	10.25	-	-	-
09-Feb	09-Feb	6	55.12	12.84	51.11	10.61	50.97	10.54	-	56.36	13.53
10-Feb	10-Feb	6	55.16	12.87	49.68	9.82	50.99	10.55	-	56.97	13.87
11-Feb	11-Feb	6	53.26	11.81	49.70	9.83	50.85	10.47	-	57.25	14.03
12-Feb	12-Feb	7	52.78	11.54	49.93	9.96	51.19	10.66	-	55.85	13.25
13-Feb	13-Feb	7	51.77	10.98	50.45	10.25	51.24	10.69	-	54.83	12.68
14-Feb	14-Feb	7	52.79	11.55	50.71	10.40	51.78	10.99	-	55.09	12.83
15-Feb	15-Feb	7	53.8	12.11	50.72	10.40	51.37	10.76	-	53.67	12.04
16-Feb	16-Feb	7	52.72	11.51	50.89	10.49	50.49	10.27	-	53.18	11.77
17-Feb	17-Feb	7	52.14	11.19	51.56	10.87	50.22	10.12	-	54.08	12.26
18-Feb	18-Feb	7	52.12	11.18	51.07	10.60	50.88	10.49	-	53.84	12.13
19-Feb	19-Feb	8	52.29	11.27	50.96	10.53	51.12	10.62	-	53.38	11.88
20-Feb	20-Feb	8	52.97	11.65	50.36	10.20	50.31	10.17	-	52.95	11.64
21-Feb	21-Feb	8	53.29	11.83	50.77	10.43	50.11	10.06	-	52.78	11.54
22-Feb	22-Feb	8	52.86	11.59	51.09	10.60	50.25	10.14	-	52.29	11.27
23-Feb	23-Feb	8	52.17	11.21	51.25	10.69	50.67	10.37	-	51.64	10.91
24-Feb	24-Feb	8	51.53	10.85	51.36	10.76	50.68	10.38	-	51.92	11.07
25-Feb	25-Feb	8	51.75	10.97	51.35	10.75	50.76	10.42	-	51.57	10.87

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Average River Temp. (F)	Temp (C)	1999 Average River Temp. (F)	Temp (C)	1998 Average River Temp. (F)	Temp (C)	1997 Average River Temp. (F)	1996 Average River Temp. (F)	Temp (C)
26-Feb	26-Feb	9	52.69	11.49	50.95	10.53	51.37	10.76	-	50.92	10.51
27-Feb	27-Feb	9	53.27	11.82	51.42	10.79	51.33	10.74	-	50.60	10.34
28-Feb	28-Feb	9	52.79	11.55	51.86	11.03	51.39	10.77	-	50.15	10.08
29-Feb	**x**	**9**	52.4	11.33	x	x	x	x	x	50.70	10.39
01-Mar	01-Mar	9	52.28	11.27	52.44	11.35	51.51	10.84	-	50.87	10.48
02-Mar	02-Mar	9	52.31	11.28	52.48	11.38	51.93	11.07	-	51.30	10.72
03-Mar	03-Mar	9	51.91	11.06	52.37	11.32	52.47	11.37	-	51.18	10.65
04-Mar	04-Mar	9	52.71	11.51	51.47	10.82	51.85	11.03	-	50.90	10.50
05-Mar	05-Mar	10	52.54	11.41	51.03	10.57	50.88	10.49	-	51.16	10.65
06-Mar	06-Mar	10	51.84	11.02	50.91	10.51	50.41	10.23	-	50.43	10.24
07-Mar	07-Mar	10	51.58	10.88	51.26	10.70	50.58	10.32	-	51.00	10.56
08-Mar	08-Mar	10	51.36	10.76	50.77	10.43	50.97	10.54	-	51.60	10.89
09-Mar	09-Mar	10	51.38	10.77	50.83	10.46	52.00	11.11	-	51.84	11.02
10-Mar	10-Mar	10	51.87	11.04	51.09	10.61	52.18	11.21	-	51.90	11.05
11-Mar	11-Mar	10	52.53	11.41	51.58	10.88	52.75	11.53	-	51.87	11.04
12-Mar	12-Mar	11	52.94	11.63	52.04	11.14	52.75	11.53	-	51.78	10.99
13-Mar	13-Mar	11	53.34	11.86	52.24	11.24	52.63	11.46	-	51.68	10.93
14-Mar	14-Mar	11	53.77	12.09	51.49	10.83	52.74	11.52	-	52.31	11.29
15-Mar	15-Mar	11	54.17	12.32	51.53	10.85	53.71	12.06	-	52.36	11.31
16-Mar	16-Mar	11	54.39	12.44	51.58	10.88	53.91	12.17	-	52.60	11.45
17-Mar	17-Mar	11	53.9	12.17	52.12	11.18	54.01	12.23	-	52.80	11.56
18-Mar	18-Mar	11	53.83	12.13	52.77	11.54	54.81	12.67		53.08	11.71
19-Mar	19-Mar	12	54.37	12.43	52.35	11.31	54.48	12.49		53.33	11.85
20-Mar	20-Mar	12	53.74	12.08	52.51	11.39	-	-		53.81	12.12
21-Mar	21-Mar	12	53.45	11.92	53.14	11.74	55.51	13.06		53.69	12.05
22-Mar	22-Mar	12	55.06	12.81	53.33	11.85	54.90	12.72		53.12	11.74
23-Mar	23-Mar	12	56.23	13.46	53.63	12.02	54.72	12.62		52.06	11.14
24-Mar	24-Mar	12	56.97	13.87	53.73	12.07	55.04	12.80		51.69	10.94
25-Mar	25-Mar	12	57.24	14.02	55.18	12.88	54.25	12.36		51.99	11.10
26-Mar	26-Mar	13	57.1	13.94	55.32	12.96	54.37	12.43		51.77	10.98
27-Mar	27-Mar	13	56.99	13.88	54.30	12.39	54.37	12.43		52.35	11.30
28-Mar	28-Mar	13	56.64	13.69	53.94	12.19	53.19	11.77		53.32	11.84
29-Mar	29-Mar	13	55.48	13.04	-	-	52.23	11.24		53.03	11.68
30-Mar	30-Mar	13			-	-	52.68	11.49		52.59	11.44
31-Mar	31-Mar	13			-	-	53.24	11.80		53.76	12.09
01-Apr	01-Apr	13			53.49	11.94	51.93	11.07		53.96	12.20
02-Apr	02-Apr	14			53.41	11.89	51.80	11.00		53.32	11.84
03-Apr	03-Apr	14			53.46	11.92	51.98	11.10		54.08	12.26
04-Apr	04-Apr	14			52.27	11.26	52.23	11.24		54.76	12.64
05-Apr	05-Apr	14			52.41	11.34	53.06	11.70		55.10	12.83
06-Apr	06-Apr	14			51.60	10.89	53.78	12.10		55.54	13.08
07-Apr	07-Apr	14			51.50	10.83	53.55	11.97		56.33	13.51
08-Apr	08-Apr	14			51.04	10.58	53.47	11.93		56.80	13.78
09-Apr	09-Apr	15			51.17	10.65	54.34	12.41		55.90	13.28
10-Apr	10-Apr	15			51.80	11.00	54.84	12.69		55.20	12.89
11-Apr	11-Apr	15			51.94	11.08	53.55	11.97		55.29	12.94
12-Apr	12-Apr	15			52.38	11.32	52.47	11.37		55.31	12.95
13-Apr	13-Apr	15			54.69	12.61	53.51	11.95		54.95	12.75
14-Apr	14-Apr	15			56.25	13.47	52.95	11.64		55.25	12.91
15-Apr	15-Apr	15			57.02	13.90	53.15	11.75		55.39	12.99
16-Apr	16-Apr	16			57.58	14.21	54.16	12.31		55.11	12.84
17-Apr	17-Apr	16			58.10	14.50	54.79	12.66		54.15	12.31
18-Apr	18-Apr	16			58.19	14.55	55.08	12.82		53.92	12.18
19-Apr	19-Apr	16			57.97	14.43	55.67	13.15		54.04	12.24
20-Apr	20-Apr	16			57.79	14.33	56.12	13.40		54.32	12.40
21-Apr	21-Apr	16			57.11	13.95	56.77	13.76		54.01	12.23
22-Apr	22-Apr	16			56.86	13.81	57.20	14.00		55.54	13.08
23-Apr	23-Apr	17			56.98	13.88	56.43	13.57		56.33	13.52
24-Apr	24-Apr	17			58.13	14.52	55.78	13.21		56.14	13.41
25-Apr	25-Apr	17			58.05	14.47	56.05	13.36		ND	ND
26-Apr	26-Apr	17			57.55	14.19	56.32	13.51		ND	ND
27-Apr	27-Apr	17			56.33	13.52	57.09	13.94		57.89	14.38
28-Apr	28-Apr	17			56.08	13.38	57.60	14.22		57.16	13.98
29-Apr	29-Apr	17			55.25	12.92	58.17	14.54		57.29	14.05
30-Apr	30-Apr	18			56.85	13.81	58.48	14.71		58.12	14.51
01-May	01-May	18			57.99	14.44	57.88	14.38		58.85	14.92
02-May	02-May	18			56.61	13.67	57.13	13.96		59.24	15.13
03-May	03-May	18			54.79	12.66	57.51	14.17		58.68	14.82
04-May	04-May	18			54.91	12.73	57.96	14.42		58.04	14.46
05-May	05-May	18			56.07	13.37	57.07	13.93		57.31	14.06
06-May	06-May	18			57.31	14.06	56.08	13.38		57.16	13.98
07-May	07-May	19			57.64	14.24	55.89	13.27		57.25	14.03

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Average River Temp. (F)	Temp (C)	1999 Average River Temp. (F)	Temp (C)	1998 Average River Temp. (F)	Temp (C)	1997 Average River Temp. (F)	1996 Average River Temp. (F)	Temp (C)
08-May	08-May	19			57.08	13.93	56.07	13.37		56.80	13.78
09-May	09-May	19			56.78	13.77	55.65	13.14		56.25	13.47
10-May	10-May	19			56.81	13.78	55.74	13.19		57.33	14.07
11-May	11-May	19			57.60	14.22	55.04	12.80		58.34	14.64
12-May	12-May	19			59.08	15.04	53.22	11.79		59.00	15.00
13-May	13-May	19			58.54	14.74	52.88	11.60		59.94	15.52
14-May	14-May	20			57.45	14.14	54.05	12.25		60.00	15.56
15-May	15-May	20			57.33	14.07	54.82	12.68		58.94	14.97
16-May	16-May	20			57.41	14.12	55.26	12.92		58.60	14.78
17-May	17-May	20			57.96	14.42	54.37	12.43		57.83	14.35
18-May	18-May	20			58.38	14.66	55.83	13.24		56.11	13.40
19-May	19-May	20			58.36	14.64	56.43	13.57		56.85	13.80
20-May	20-May	20			58.28	14.60	56.34	13.52		57.84	14.35
21-May	21-May	21			58.03	14.46	56.19	13.44		57.21	14.00
22-May	22-May	21			59.29	15.16	56.73	13.74		56.39	13.55
23-May	23-May	21			60.21	15.67	57.54	14.19		57.41	14.12
24-May	24-May	21			60.33	15.74	57.90	14.39		58.62	14.79
25-May	25-May	21			60.25	15.69	58.08	14.49		60.70	15.95
26-May	26-May	21			60.77	15.98	56.26	13.48		61.96	16.65
27-May	27-May	21			61.03	16.13	55.18	12.88		61.85	16.59
28-May	28-May	22			60.59	15.88	54.88	12.71		60.54	15.85
29-May	29-May	22			60.44	15.80	54.79	12.66		60.45	15.81
30-May	30-May	22			60.95	16.08	56.16	13.42		60.88	16.04
31-May	31-May	22			61.52	16.40	57.24	14.02		61.19	16.22
01-Jun	01-Jun	22			60.98	16.10	-	-		62.58	16.99
02-Jun	02-Jun	22			59.95	15.53	-	-		63.98	17.77
03-Jun	03-Jun	22			57.66	14.26	-	-		64.84	18.24
04-Jun	04-Jun	23			57.56	14.20	-	-		65.19	18.44
05-Jun	05-Jun	23			58.33	14.63	58.33	14.63		65.77	18.76
06-Jun	06-Jun	23			60.12	15.62	58.51	14.73		65.80	18.78
07-Jun	07-Jun	23			59.87	15.48	58.39	14.66		65.87	18.82
08-Jun	08-Jun	23			58.89	14.94	57.85	14.36		66.01	18.89
09-Jun	09-Jun	23			58.84	14.91	59.13	15.07		64.31	17.95
10-Jun	10-Jun	23			59.22	15.12	59.56	15.31		63.85	17.69
11-Jun	11-Jun	24			59.67	15.37	58.77	14.87		63.37	17.43
12-Jun	12-Jun	24			60.34	15.74	59.11	15.06		63.24	17.35
13-Jun	13-Jun	24			60.75	15.97	59.22	15.12		62.88	17.15
14-Jun	14-Jun	24			61.46	16.37	60.33	15.74		62.89	17.16
15-Jun	15-Jun	24			61.23	16.24	61.57	16.43		62.78	17.10
16-Jun	16-Jun	24			60.70	15.94	61.54	16.41		62.76	17.09
17-Jun	17-Jun	24			61.22	16.23	60.80	16.00		62.60	17.00
18-Jun	18-Jun	25			61.65	16.47	59.77	15.43		63.32	17.40
19-Jun	19-Jun	25			61.60	16.44	59.41	15.23		63.35	17.42
20-Jun	20-Jun	25			61.41	16.34	59.97	15.54		63.02	17.23
21-Jun	21-Jun	25			62.22	16.79	59.86	15.48		63.02	17.23
22-Jun	22-Jun	25			62.56	16.98	60.03	15.57		63.61	17.56
23-Jun	23-Jun	25			62.94	17.19	60.33	15.74		64.22	17.90
24-Jun	24-Jun	25			62.87	17.15	60.04	15.58		63.58	17.55
25-Jun	25-Jun	26			63.24	17.36	60.15	15.64		61.81	16.56
26-Jun	26-Jun	26			63.34	17.41	59.86	15.48		61.27	16.26
27-Jun	27-Jun	26			63.93	17.74	60.10	15.61		59.99	15.55
28-Jun	28-Jun	26			64.54	18.08	60.21	15.67		61.49	16.38
29-Jun	29-Jun	26			65.31	18.51	60.58	15.88		63.98	17.77
30-Jun	30-Jun	26			65.77	18.76	60.01	15.56		65.48	18.60
01-Jul	01-Jul	26	-				59.74	15.41		65.55	18.64
02-Jul	02-Jul	27	-				59.59	15.33			
03-Jul	03-Jul	27	-				59.65	15.36			
04-Jul	04-Jul	27	-				59.90	15.50			
05-Jul	05-Jul	27	-				60.64	15.91			
06-Jul	06-Jul	27	-				60.89	16.05			
07-Jul	07-Jul	27	-				60.87	16.04			
08-Jul	08-Jul	27	-				61.11	16.17			
09-Jul	09-Jul	28	-				61.34	16.30			
10-Jul	10-Jul	28	-				60.80	16.00			
11-Jul	11-Jul	28	-				60.80	16.00			
12-Jul	12-Jul	28	-				60.96	16.09			
13-Jul	13-Jul	28	-				60.94	16.08			
14-Jul	14-Jul	28	-				-	-			
15-Jul	15-Jul	28	-				-	-			
16-Jul	16-Jul	29	-				-	-			

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Average Daily Smolt Index	1999 Average Daily Smolt Index	1998 Average Daily Smolt Index	1997 Average Daily Smolt Index	1996 Average Daily Smolt Index	2000 South Water Velocity	1999 South Water Velocity	1998 South Water Velocity	1997 South Water Velocity	1996 South Water Velocity	2000 North Water Velocity	1999 North Water Velocity	1998 North Water Velocity	1997 North Water Velocity	1996 North Water Velocity
16-Dec	16-Dec	51	-	-	-	-	-	2.30	-	-	-	-	2.10	-	-	-	-
17-Dec	17-Dec	51	-	-	-	-	-	2.30	-	-	-	-	2.10	-	-	-	-
18-Dec	18-Dec	51	-	-	-	-	-	2.30	-	-	-	-	2.50	-	-	-	-
19-Dec	19-Dec	51	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
20-Dec	20-Dec	51	-	-	-	-	-	2.30	-	-	-	-	2.00	-	-	-	-
21-Dec	21-Dec	51	-	-	-	-	-	2.40	-	-	-	-	2.00	-	-	-	-
22-Dec	22-Dec	51	-	-	-	-	-	2.30	-	-	-	-	2.00	-	-	-	-
23-Dec	23-Dec	51	-	-	-	-	-	2.30	-	-	-	-	2.10	-	-	-	-
24-Dec	24-Dec	52	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
25-Dec	25-Dec	52	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
26-Dec	26-Dec	52	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
27-Dec	27-Dec	52	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
28-Dec	28-Dec	52	-	-	-	-	-	2.20	-	-	-	-	2.00	-	-	-	-
29-Dec	29-Dec	52	-	-	-	-	-	2.10	-	-	-	-	2.00	-	-	-	-
30-Dec	30-Dec	52	-	-	-	-	-	2.10	-	-	-	-	2.20	-	-	-	-
31-Dec	31-Dec	52	-	-	-	-	-	2.20	-	-	-	-	2.00	-	-	-	-
01-Jan	01-Jan	1	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
02-Jan	02-Jan	1	ns	-	-	-	-	ns	-	-	-	-	ns	-	-	-	-
03-Jan	03-Jan	1	-	-	-	-	-	2.20	-	-	-	-	2.10	-	-	-	-
04-Jan	04-Jan	1	-	-	-	-	-	2.00	-	-	-	-	2.00	-	-	-	-
05-Jan	05-Jan	1	-	-	-	-	-	2.10	-	-	-	-	2.10	-	-	-	-
06-Jan	06-Jan	1	-	-	-	-	-	1.90	-	-	-	-	2.20	-	-	-	-
07-Jan	07-Jan	1	1.00	-	-	-	-	1.80	-	-	-	-	2.00	-	-	-	-
08-Jan	08-Jan	2	1.00	-	1.00	-	-	2.20	-	-	-	-	2.10	-	-	-	-
09-Jan	09-Jan	2	1.00	-	-	-	-	2.20	-	-	-	-	2.20	-	-	-	-
10-Jan	10-Jan	2	-	-	-	-	-	2.20	-	-	-	-	2.00	-	-	-	-
11-Jan	11-Jan	2	-	-	-	-	-	2.30	-	-	-	-	2.00	-	-	-	-
12-Jan	12-Jan	2	-	-	1.00	-	-	2.00	-	-	-	-	1.90	-	-	-	-
13-Jan	13-Jan	2	-	-	-	-	-	2.20	-	-	-	-	2.10	-	-	-	-
14-Jan	14-Jan	2	-	-	-	-	-	2.40	-	-	-	-	2.20	-	-	-	-
15-Jan	15-Jan	3	1.00	-	-	-	-	2.40	-	-	-	-	2.00	-	-	-	-
16-Jan	16-Jan	3	-	-	-	-	-	2.30	-	-	-	-	2.20	-	-	-	-
17-Jan	17-Jan	3	-	-	-	-	-	2.50	-	-	-	-	2.30	-	-	-	-
18-Jan	18-Jan	3	-	1.00	-	-	-	2.20	2.9	-	-	-	2.10	2.8	-	-	-
19-Jan	19-Jan	3	-	1.00	-	-	-	2.70	3.3	-	-	-	2.60	2.9	-	-	-
20-Jan	20-Jan	3	-	1.00	-	-	-	2.60	3.0	-	-	-	2.50	2.9	-	-	-
21-Jan	21-Jan	3	-	1.00	-	-	-	2.40	3.1	-	-	-	2.20	2.8	-	-	-
22-Jan	22-Jan	4	-	1.00	-	-	-	2.20	3.0	-	-	-	2.20	2.9	-	-	-
23-Jan	23-Jan	4	-	1.00	-	-	-	2.64	2.9	-	-	-	2.66	2.6	-	-	-
24-Jan	24-Jan	4	1.00	1.00	-	-	-	1.80	2.6	-	-	-	1.40	2.5	-	-	-
25-Jan	25-Jan	4	1.00	1.00	-	-	-	2.50	2.3	-	-	-	1.80	2.5	-	-	-
26-Jan	26-Jan	4	1.00	1.00	-	-	-	nd	2.4	-	-	-	ns	2.9	-	-	-
27-Jan	27-Jan	4	1.00	1.00	-	-	-	1.20	2.7	-	-	-	2.60	3.0	-	-	-
28-Jan	28-Jan	4	1.00	1.00	-	-	-	nd	2.6	-	-	-	ns	3.3	-	-	-
29-Jan	29-Jan	5	1.01	1.00	1.00	-	-	2.30	3.2	4.9	-	-	2.30	3.1	3.6	-	-
30-Jan	30-Jan	5	1.00	1.00	1.00	-	-	2.40	3.8	5.7	-	-	2.30	4.1	3.9	-	-
31-Jan	31-Jan	5	1.00	1.00	1.00	-	-	2.39	2.4	5.2	-	-	2.60	2.8	4.2	-	-
01-Feb	01-Feb	5	1.00	1.00	-	-	-	2.60	3.0	ns	-	-	2.50	3.4	ns	-	-
02-Feb	02-Feb	5	1.04	1.00	1.00	-	-	2.50	4.7	nd	-	-	2.50	5.1	nd	-	-
03-Feb	03-Feb	5	1.00	1.00	1.00	-	-	2.60	4.4	6.8	-	-	2.40	5.7	4.5	-	-
04-Feb	04-Feb	5	1.03	1.00	-	-	-	nd	4.2	ns	-	-	2.40	5.7	ns	-	-
05-Feb	05-Feb	6	1.00	1.01	-	-	-	2.30	4.7	ns	-	-	2.30	4.6	ns	-	-
06-Feb	06-Feb	6	1.00	1.00	-	-	1.00	nd	5.5	ns	-	-	nd	4.5	ns	-	-
07-Feb	07-Feb	6	1.00	1.00	-	-	-	2.30	4.5	ns	-	-	2.20	4.7	ns	-	-
08-Feb	08-Feb	6	1.13	1.00	1.00	-	1.00	2.30	5.3	4.4	-	-	2.20	4.9	4.8	-	-
09-Feb	09-Feb	6	1.00	1.00	-	-	-	2.20	2.7	ns	-	-	2.30	3.2	ns	-	-
10-Feb	10-Feb	6	1.00	1.00	-	-	-	2.30	1.7	ns	-	-	2.10	3.2	ns	-	-
11-Feb	11-Feb	6	1.00	1.00	-	-	-	2.10	2.9	ns	-	-	2.40	3.4	ns	-	-
12-Feb	12-Feb	7	1.00	1.00	-	-	1.00	nd	3.0	ns	-	-	nd	3.3	ns	-	-
13-Feb	13-Feb	7	1.00	1.00	1.00	-	-	2.60	2.9	6	-	-	2.90	3.0	5.4	-	-
14-Feb	14-Feb	7	1.00	1.00	1.00	-	-	2.70	2.8	5.7	-	-	3.40	3.6	4.6	-	-
15-Feb	15-Feb	7	1.00	1.00	1.00	-	1.00	2.04	3.0	5.1	-	-	2.57	3.0	4.3	-	-
16-Feb	16-Feb	7	1.00	1.00	1.00	-	-	3.37	3.1	5.1	-	-	3.00	3.3	4.8	-	-
17-Feb	17-Feb	7	1.01	1.00	1.00	-	-	3.30	2.9	2.8	-	2.74	3.10	2.6	2.8	-	1.80
18-Feb	18-Feb	7	1.00	1.00	1.00	-	-	nd	3.1	ns	-	nd	nd	3.7	ns	-	nd
19-Feb	19-Feb	8	1.00	1.00	1.02	-	1.00	3.10	2.7	3.2	-	2.60	2.70	3.3	2.2	-	2.00
20-Feb	20-Feb	8	1.00	1.00	1.01	-	1.00	3.50	3.7	2.9	-	2.59	2.80	3.4	2.6	-	1.90
21-Feb	21-Feb	8	1.00	1.00	1.00	-	-	3.40	3.2	3.4	-	nd	3.10	3.4	2.5	-	nd
22-Feb	22-Feb	8	1.00	1.01	1.00	-	-	3.10	3.1	3.5	-	nd	2.90	2.4	2.6	-	nd
23-Feb	23-Feb	8	1.00	1.00	1.00	-	1.00	3.50	2.8	3.4	-	nd	2.60	3.1	2.5	-	nd
24-Feb	24-Feb	8	1.03	1.00	1.03	-	-	3.50	3.0	3.1	-	2.86	2.70	3.4	2.6	-	2.87
25-Feb	25-Feb	8	ns	1.00	1.00	-	-	ns	2.9	3.7	-	nd	nd	3.2	2.6	-	nd
26-Feb	26-Feb	9	ns	1.00	1.00	-	1.00	ns	3.3	3.2	-	3.15	ns	3.6	2.5	-	2.28
27-Feb	27-Feb	9	1.02	1.00	1.01	-	-	3.80	3.2	3.2	-	3.17	2.70	3.5	2.9	-	3.45
28-Feb	28-Feb	9	1.06	1.00	1.01	-	-	3.40	3.6	3.5	-	3.59	2.80	3.3	2.6	-	3.06
29-Feb	x	9	1.01	x	x	x	1.20	3.80	x	x	-	3.11	2.70	x	x	-	2.66
01-Mar	01-Mar	9	1.08	1.01	1.00	-	1.00	nd	2.9	3.3	-	3.61	nd	3.5	3	-	2.98
02-Mar	02-Mar	9	-	1.01	1.03	-	-	nd	3.1	3.3	-	4.08	nd	3.4	2.7	-	3.24
03-Mar	03-Mar	9	1.00	1.05	1.07	-	-	3.60	3.1	4.5	-	nd	3.40	2.6	3	-	nd
04-Mar	04-Mar	9	1.11	1.03	1.00	-	-	2.90	2.8	2.9	-	nd	3.10	3.3	3	-	nd
05-Mar	05-Mar	10	1.12	1.02	1.08	-	-	4.05	3.0	3	-	nd	3.27	3.2	2.6	-	nd
06-Mar	06-Mar	10	1.16	1.01	1.17	-	-	4.00	2.9	2.8	-	3.15	3.60	3.3	2.7	-	1.68
07-Mar	07-Mar	10	1.45	1.04	1.00	-	1.00	3.76	3.0	3.3	-	3.57	3.41	3.1	2.6	-	2.53
08-Mar	08-Mar	10	1.26	1.11	1.00	-	-	2.20	2.8	2.9	-	3.46	2.90	2.8	2.6	-	2.10
09-Mar	09-Mar	10	1.48	1.09	1.11	-	-	2.90	3.0	2.9	-	2.90	2.60	2.9	2.8	-	2.05
10-Mar	10-Mar	10	1.25	1.03	1.12	-	-	3.00	3.1	2.8	-	2.45	2.70	3.2	2.5	-	2.15
11-Mar	11-Mar	10	1.22	1.00	1.14	-	-	3.20	2.5	2.9	-	3.12	2.50	2.1	2.7	-	2.03
12-Mar	12-Mar	11	1.34	1.03	1.20	-	1.00	3.75	2.7	3.1	-	2.96	2.84	3.2	2.9	-	2.06
13-Mar	13-Mar	11	1.30	nd	1.37	-	-	3.00	nd	2.5	-	2.49	3.30	nd	2.4	-	2.16
14-Mar	14-Mar	11	1.51	1.10	1.21	-	-	2.90	2.5	2.8	-	3.20	2.60	3.2	2.7	-	2.87
15-Mar	15-Mar	11	1.48	1.08	1.08	-	-	2.60	2.8	2.7	-	3.30	3.00	2.7	2.4	-	2.15
16-Mar	16-Mar	11	1.65	1.04	1.10	-	-	2.65	2.8	2.6	-	2.65	2.85	2.8	2.4	-	1.85
17-Mar	17-Mar	11	1.55	nd	1.13	-	-	3.20	3.6	2.4	-	2.55	30.00	3.6	2.3	-	2.35
18-Mar	18-Mar	11	1.60	1.05	1.05	-	1.00	3.00	2.5	2.4	-	3.15	2.50	3.1	2	-	2.00
19-Mar	19-Mar	12	1.55	1.22	1.24	1.73	-	2.90	1.4	2.5	-	3.37	2.30	2.2	2.9	-	2.46
20-Mar	20-Mar	12	1.71	1.11	1.56	2.06	1.00	2.75	3.2	2.6	-	3.01	2.75	2.9	2.4	-	2.05
21-Mar	21-Mar	12	1.83	1.17	1.00	1.97	-	2.70	3.2	2.8	-	2.65	2.40	3.0	3.1	-	2.46
22-Mar	22-Mar	12	1.72	1.05	1.00	2.00	-	1.90	2.8	3	-	3.57	2.50	2.9	2.7	-	2.45
23-Mar	23-Mar	12	1.70	1.39	1.68	1.96	-	2.10	2.9	2.9	-	3.09	2.25	3.0	2.6	-	2.59
24-Mar	24-Mar	12	1.58	nd	1.48	2.02	-	2.50	ns	3.5	-	3.10	2.30	ns	3.1	-	2.06
25-Mar	25-Mar	12	1.77	1.43	1.83	2.03	-	nd	3.1	3.2	-	2.65	nd	2.8	3.2	-	1.65
26-Mar	26-Mar	13	1.79	1.26	1.20	2.07	2.00	2.60	3.0	3.4	-	2.77	3.00	2.9	2.8	-	1.88

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Average Daily Smolt Index	1999 Average Daily Smolt Index	1998 Average Daily Smolt Index	1997 Average Daily Smolt Index	1996 Average Daily Smolt Index	2000 South Water Velocity	1999 South Water Velocity	1998 South Water Velocity	1997 South Water Velocity	1996 South Water Velocity	2000 North Water Velocity	1999 North Water Velocity	1998 North Water Velocity	1997 North Water Velocity	1996 North Water Velocity
27-Mar	27-Mar	13	1.97	1.56	1.57	2.09	2.00	2.20	2.7	2.8	-	3.21	2.70	2.8	2.6	-	1.60
28-Mar	28-Mar	13	1.78	1.73	1.61	2.00	2.00	nd	3.2	1.9	-	2.77	nd	2.9	1.5	-	1.74
29-Mar	29-Mar	13	1.93	1.52	1.79	2.00	2.10	2.40	3.1	3.2	-	2.98	2.60	2.8	3.2	-	1.69
30-Mar	30-Mar	13	1.97	1.50	1.45	2.04	2.00	2.40	2.9	2.3	-	2.40	3.00	3.0	2.5	-	1.87
31-Mar	31-Mar	13	1.87	1.36	1.48	2.07	2.00	nd	2.9	2.3	-	2.45	nd	1.9	2.4	-	2.00
01-Apr	01-Apr	13	1.94	1.59	1.91	1.98	2.00	2.80	2.7	2.6	-	2.65	2.30	3.1	2.5	-	2.00
02-Apr	02-Apr	14	1.97	1.75	1.82	2.09	2.00	2.60	2.9	2.5	-	2.98	2.70	2.5	2.1	-	2.41
03-Apr	03-Apr	14	1.91	1.83	1.98	2.07	2.38	2.50	2.9	2.4	-	2.93	2.90	2.7	2	-	2.59
04-Apr	04-Apr	14	1.92	1.76	2.00	2.07	2.19	nd	2.8	2.5	-	2.93	nd	2.6	2.3	-	2.48
05-Apr	05-Apr	14	2.00	1.54	1.52	2.06	2.00	2.30	2.6	2.7	-	2.79	2.90	2.3	2.6	-	2.36
06-Apr	06-Apr	14	1.99	1.69	1.97	2.10	2.36	1.60	2.9	2.4	-	2.74	1.70	2.7	2.2	-	2.00
07-Apr	07-Apr	14	1.87	1.48	1.94	2.03	2.00	2.30	2.8	2.6	-	2.01	2.90	2.3	2.4	-	1.69
08-Apr	08-Apr	14	1.98	1.55	1.82	2.04	2.00	2.40	3.2	2.6	-	2.75	3.00	2.6	2.3	-	1.83
09-Apr	09-Apr	15	1.93	1.67	1.95	2.07	2.50	2.40	2.0	2.5	-	2.59	1.30	2.9	2.6	-	2.20
10-Apr	10-Apr	15	1.98	1.76	1.93	2.05	2.25	2.60	2.9	2.3	-	2.63	2.60	2.7	2.5	-	2.12
11-Apr	11-Apr	15	1.96	2.00	1.89	2.03	2.50	2.40	2.9	2.8	-	2.75	2.60	2.6	2.4	-	2.26
12-Apr	12-Apr	15	1.99	1.94	1.88	2.06	2.56	2.30	3.0	2.9	-	3.06	1.90	2.6	2.4	-	2.88
13-Apr	13-Apr	15	1.98	2.11	1.96	2.07	2.00	2.20	3.1	2.7	-	3.15	2.90	3.1	2.5	-	2.71
14-Apr	14-Apr	15	1.95	2.00	2.00	2.09	-	2.80	3.5	2.5	-	2.29	3.10	2.9	2.2	-	1.90
15-Apr	15-Apr	15	1.98	2.00	1.95	2.03	2.40	3.10	3.1	2.8	-	2.74	2.60	2.7	2.6	-	2.83
16-Apr	16-Apr	16	1.98	1.96	1.85	2.00	3.00	2.80	3.0	3	-	2.56	2.70	2.6	2.4	-	1.74
17-Apr	17-Apr	16	1.99	2.00	2.00	2.18	2.67	2.90	2.6	2.2	-	2.60	2.60	2.5	2.6	-	2.43
18-Apr	18-Apr	16	1.99	1.96	1.75	2.09	2.17	2.00	2.9	3.2	-	2.72	2.80	2.1	2.6	-	2.33
19-Apr	19-Apr	16	2.01	2.00	1.99	2.00	2.33	2.90	2.9	2.4	-	2.44	2.70	2.8	2.3	-	1.96
20-Apr	20-Apr	16	2.00	2.03	1.96	2.06	3.00	2.40	3.1	2.7	-	3.16	2.30	3.1	2.5	-	2.96
21-Apr	21-Apr	16	2.00	2.00	2.00	2.07	2.18	2.80	3.2	2.8	-	2.70	2.60	2.6	2.7	-	2.75
22-Apr	22-Apr	16	2.00	1.96	2.04	2.21	2.47	3.20	3.0	2.7	-	2.60	2.60	2.9	2.2	-	2.65
23-Apr	23-Apr	17	2.01	2.00	2.03	2.30	2.00	2.80	3.1	2.9	-	2.90	2.40	2.8	2.4	-	2.90
24-Apr	24-Apr	17	2.06	2.02	1.96	2.00	2.38	2.50	nd	2.7	-	2.65	3.10	2.0	1.8	-	2.82
25-Apr	25-Apr	17	2.00	2.05	2.00	2.08	2.36	3.20	nd	3	-	3.20	2.60	nd	2.6	-	3.60
26-Apr	26-Apr	17	2.03	2.00	1.95	2.13	2.15	2.90	nd	3	-	3.31	2.90	nd	2.4	-	2.86
27-Apr	27-Apr	17	2.03	2.00	2.00	2.13	2.27	3.00	3.1	2.5	-	2.57	2.60	3.1	2.3	-	2.54
28-Apr	28-Apr	17	2.00	2.00	1.97	2.25	2.57	3.00	2.8	3.3	-	2.71	2.60	2.6	2.5	-	2.68
29-Apr	29-Apr	17	2.00	2.00	2.02	2.29	2.52	2.70	3.4	2.6	-	2.62	2.50	2.7	2.5	-	2.62
30-Apr	30-Apr	18	2.00	2.03	2.06	2.19	2.17	3.00	3.1	3.4	-	2.97	2.40	2.6	2.7	-	2.75
01-May	01-May	18	2.00	2.00	2.03	2.33	2.50	3.00	2.8	nd	-	2.50	2.60	2.8	nd	-	2.82
02-May	02-May	18	2.00	2.08	2.02	2.13	-	3.10	2.2	nd	-	nd	2.90	2.4	nd	-	nd
03-May	03-May	18	2.00	2.00	2.00	2.19	2.70	2.60	2.9	2.7	-	nd	2.50	2.1	2.2	-	nd
04-May	04-May	18	2.00	2.13	2.03	2.29	2.00	2.80	3.3	2.7	-	2.93	2.60	2.4	2.4	-	2.77
05-May	05-May	18	2.02	2.56	2.02	2.26	2.72	2.90	2.7	2.5	-	2.49	2.80	2.4	nd	-	2.52
06-May	06-May	18	2.00	2.00	2.00	2.33	2.13	3.10	3.3	nd	-	2.78	2.90	2.6	nd	-	2.68
07-May	07-May	19	2.00	2.29	2.00	2.53	2.56	3.00	3.2	nd	-	2.60	2.60	2.6	nd	-	2.52
08-May	08-May	19	2.00	2.00	-	2.34	2.77	2.60	3.1	nd	-	2.20	2.70	2.9	nd	-	2.26
09-May	09-May	19	2.05	2.01	-	2.35	2.09	2.60	3.2	nd	-	2.95	2.60	2.6	ns	-	2.79
10-May	10-May	19	2.03	2.00	2.03	2.26	2.52	2.80	3.4	ns	-	2.35	2.60	2.6	nd	-	2.36
11-May	11-May	19	2.00	2.00	2.02	2.33	2.24	nd	3.3	2.8	-	2.24	nd	2.3	2.4	-	2.38
12-May	12-May	19	2.06	2.02	2.00	2.29	2.75	3.17	3.2	2.6	-	2.06	2.70	2.2	2.7	-	2.18
13-May	13-May	19	2.02	2.00	2.00	2.37	2.50	3.20	3.4	2.6	-	1.94	2.50	2.2	2.4	-	2.30
14-May	14-May	20	2.02	2.00	2.08	2.65	2.17	3.40	3.1	2.5	-	2.67	2.50	2.7	2.3	-	3.06
15-May	15-May	20	2.06	2.00	2.00	2.53	2.20	3.50	2.2	2.6	-	2.92	2.70	3.7	2.8	-	2.90
16-May	16-May	20	2.04	2.10	2.00	2.62	2.18	3.34	3.3	2.8	-	2.95	2.75	2.5	2.6	-	2.87
17-May	17-May	20	2.16	2.00	2.00	2.00	2.20	3.10	3.3	3	-	2.81	2.70	2.7	2.6	-	2.78
18-May	18-May	20	2.06	2.00	2.00	2.34	3.00	2.90	3.3	2.6	-	2.33	2.60	2.6	2.8	-	2.23
19-May	19-May	20	2.01	2.16	2.04	2.57	3.00	2.90	3.5	2.9	-	2.36	3.00	2.7	2.5	-	2.24
20-May	20-May	20	2.01	2.05	2.00	2.39	2.21	2.90	3.5	2.7	-	3.19	2.60	3.0	2.6	-	2.97
21-May	21-May	21	2.05	2.09	2.05	2.65	2.29	3.10	3.4	2.8	-	2.97	2.60	2.5	2.6	-	2.95
22-May	22-May	21	2.00	2.02	2.03	2.57	2.13	2.70	3.0	2.8	-	2.76	2.60	2.6	2.6	-	2.83
23-May	23-May	21	2.13	2.37	2.00	2.83	2.13	3.20	3.4	2.8	-	3.03	3.20	3.1	2.7	-	2.90
24-May	24-May	21	2.09	2.00	2.06	2.52	3.00	2.60	3.5	3	-	2.18	2.60	2.2	2.6	-	1.82
25-May	25-May	21	2.10	2.00	2.00	2.44	2.05	2.65	2.7	2.8	-	2.00	2.60	3.1	2.6	-	1.68
26-May	26-May	21	2.09	2.04	2.34	2.64	2.98	3.20	3.2	2.9	-	1.79	3.00	2.5	2.5	-	1.59
27-May	27-May	21	ns	2.00	2.20	2.50	-	ns	3.4	2.9	-	2.49	ns	2.9	2.7	-	2.56
28-May	28-May	22	ns	2.35	2.05	2.49	2.00	ns	3.5	3	-	2.54	ns	2.7	2.7	-	2.74
29-May	29-May	22	ns	nd	2.04	2.50	2.18	ns	ns	2.6	-	2.01	ns	ns	2.5	-	1.80
30-May	30-May	22	2.27	nd	2.03	2.43	2.33	3.10	ns	2.7	-	1.96	3.10	ns	2.5	-	1.78
31-May	31-May	22	2.00	nd	-	2.33	3.00	3.50	ns	3.1	-	1.74	2.40	ns	2.3	-	1.86
01-Jun	01-Jun	22	3.00	2.00	2.33	2.45	3.00	3.10	2.8	3.1	-	1.83	2.90	1.9	2.6	-	1.99
02-Jun	02-Jun	22	2.14	2.04	2.02	2.71	3.00	2.90	3.1	3	-	1.91	3.00	2.5	2.9	-	2.10
03-Jun	03-Jun	22	ns	2.03	2.03	3.00	3.00	ns	2.9	2.7	-	2.39	ns	3.0	1.4	-	2.49
04-Jun	04-Jun	23	ns	2.07	-	2.86	2.00	ns	3.1	2.8	-	2.47	ns	3.2	2.6	-	2.45
05-Jun	05-Jun	23	2.29	2.04	2.27	3.00	2.50	2.90	3.0	2.7	-	2.51	2.90	2.8	2.6	-	2.47
06-Jun	06-Jun	23	2.00	2.00	2.50	2.33	2.67	nd	3.3	2.8	-	2.33	nd	3.1	2.6	-	2.33
07-Jun	07-Jun	23	2.60	2.03	-	2.50	3.00	2.90	3.2	2.8	-	2.41	2.70	2.3	2.6	-	2.60
08-Jun	08-Jun	23	2.25	2.00	-	2.33	3.00	2.70	3.0	2.5	-	1.90	2.60	2.8	2.5	-	2.14
09-Jun	09-Jun	23	2.44	2.06	2.27	3.00	2.00	2.90	3.1	2.6	-	1.96	2.60	2.7	2.3	-	2.67
10-Jun	10-Jun	23	ns	2.17	2.00	2.86	-	ns	3.2	2.6	-	1.77	ns	2.8	1.9	-	2.32
11-Jun	11-Jun	24	ns	2.14	3.00	2.50	-	ns	3.0	2.9	-	1.78	ns	2.9	2.6	-	2.33
12-Jun	12-Jun	24	3.00	nd	2.25	2.60	2.00	2.90	-	2.4	-	2.74	2.60	-	2.7	-	2.72
13-Jun	13-Jun	24	2.33	nd	2.17	2.67	-	2.50	-	3.1	-	2.77	2.30	-	2.6	-	2.77
14-Jun	14-Jun	24	3.00	3.00	2.00	2.50	2.50	2.50	3.1	2.8	-	2.65	2.70	3.1	2.6	-	2.60
15-Jun	15-Jun	24	-	3.00	-	2.50	-	2.70	2.4	2.6	-	2.33	2.70	2.8	2.3	-	2.11
16-Jun	16-Jun	24	2.00	2.09	2.83	2.00	-	2.50	3.1	2.6	-	2.03	2.30	3.3	2.6	-	2.39
17-Jun	17-Jun	24	-	2.79	3.00	3.00	2.00	2.40	3.2	2.6	-	1.55	2.40	3.5	2.6	-	2.36
18-Jun	18-Jun	25	3.00	2.43	3.00	3.00	-	2.50	3.0	3	-	2.49	2.60	3.5	2.6	-	2.54
19-Jun	19-Jun	25	-	ns	-	3.00	-	2.30	ns	3	-	2.44	2.60	ns	2.5	-	2.67
20-Jun	20-Jun	25	-	ns	-	2.25	-	2.60	ns	ns	-	2.21	2.60	ns	ns	-	2.76
21-Jun	21-Jun	25	-	2.50	-	2.75	2.00	2.40	3.2	ns	-	2.53	2.40	3.2	ns	-	2.55
22-Jun	22-Jun	25	-	2.00	3.00	3.00	-	2.30	3.1	2.3	-	1.82	2.50	2.8	2.2	-	2.14
23-Jun	23-Jun	25	3.00	2.50	3.00	3.00	3.00	2.40	3.2	2.8	-	1.84	2.60	3.1	2.3	-	2.22
24-Jun	24-Jun	25	ns	2.40	3.00	-	-	ns	3.3	nd	-	2.26	ns	2.6	nd	-	2.42
25-Jun	25-Jun	26	ns	2.80	-	-	-	ns	3.6	nd	-	1.55	ns	2.8	nd	-	2.03
26-Jun	26-Jun	26	-		-	-	-	2.40	ns	nd	-	2.57	2.30	ns	nd	-	2.57
27-Jun	27-Jun	26	-		-	-	3.00	2.10	ns	ns	-	2.34	2.40	ns	ns	-	2.62
28-Jun	28-Jun	26	-	3.00	-	-	-	2.10	2.9	ns	-	2.51	2.30	2.6	ns	-	2.59
29-Jun	29-Jun	26	-	3.00	3.00	-	-	1.20	3.1	nd	-	1.82	2.00	3.3	nd	-	2.01
30-Jun	30-Jun	26	-	2.50	3.00	-	3.00	1.10	3.2	nd	-	1.70	2.00	3.1	nd	-	2.26
01-Jul	01-Jul	26	-	-	-	-	3.00	-	-	nd	-	1.92	-	-	nd	-	2.06
02-Jul	02-Jul	27	-	-	-	-	-	-	-	nd	-	-	-	-	nd	-	-
03-Jul	03-Jul	27	-	-	3.00	-	-	-	-	nd	-	-	-	-	nd	-	-
04-Jul	04-Jul	27	-	-	-	-	-	-	-	ns	-	-	-	-	ns	-	-
05-Jul	05-Jul	27	-	-	-	-	-	-	-	ns	-	-	-	-	ns	-	-

Caswell Data 1995-2000

96, 00 Leap Year Date	95, 97 98, 99 Date	Julian Week	2000 Average Daily Smolt Index	1999 Average Daily Smolt Index	1998 Average Daily Smolt Index	1997 Average Daily Smolt Index	1996 Average Daily Smolt Index	2000 South Water Velocity	1999 South Water Velocity	1998 South Water Velocity	1997 South Water Velocity	1996 South Water Velocity	2000 North Water Velocity	1999 North Water Velocity	1998 North Water Velocity	1997 North Water Velocity	1996 North Water Velocity
07-Jul	07-Jul	27	-	-	-	-	-	-	-	nd	-	-	-	-	nd	-	-
08-Jul	08-Jul	27	-	-	-	-	-	-	-	nd	-	-	-	-	nd	-	-
09-Jul	09-Jul	28	-	-	-	-	-	-	-	nd	-	-	-	-	nd	-	-
10-Jul	10-Jul	28	-	-	-	-	-	-	-	nd	-	-	-	-	nd	-	-
11-Jul	11-Jul	28	-	-	-	-	-	-	-	ns	-	-	-	-	ns	-	-
12-Jul	12-Jul	28	-	-	-	-	-	-	-	ns	-	-	-	-	ns	-	-
13-Jul	13-Jul	28	-	-	-	-	-	-	-	2.9	-	-	-	-	2.8	-	-
14-Jul	14-Jul	28	-	-	-	-	-	-	-	2.8	-	-	-	-	2.6	-	-
15-Jul	15-Jul	28	-	-	-	-	-	-	-	3.1	-	-	-	-	2.8	-	-
16-Jul	16-Jul	29	-	-	-	-	-	-	-	nd	-	-	-	-	nd	-	-

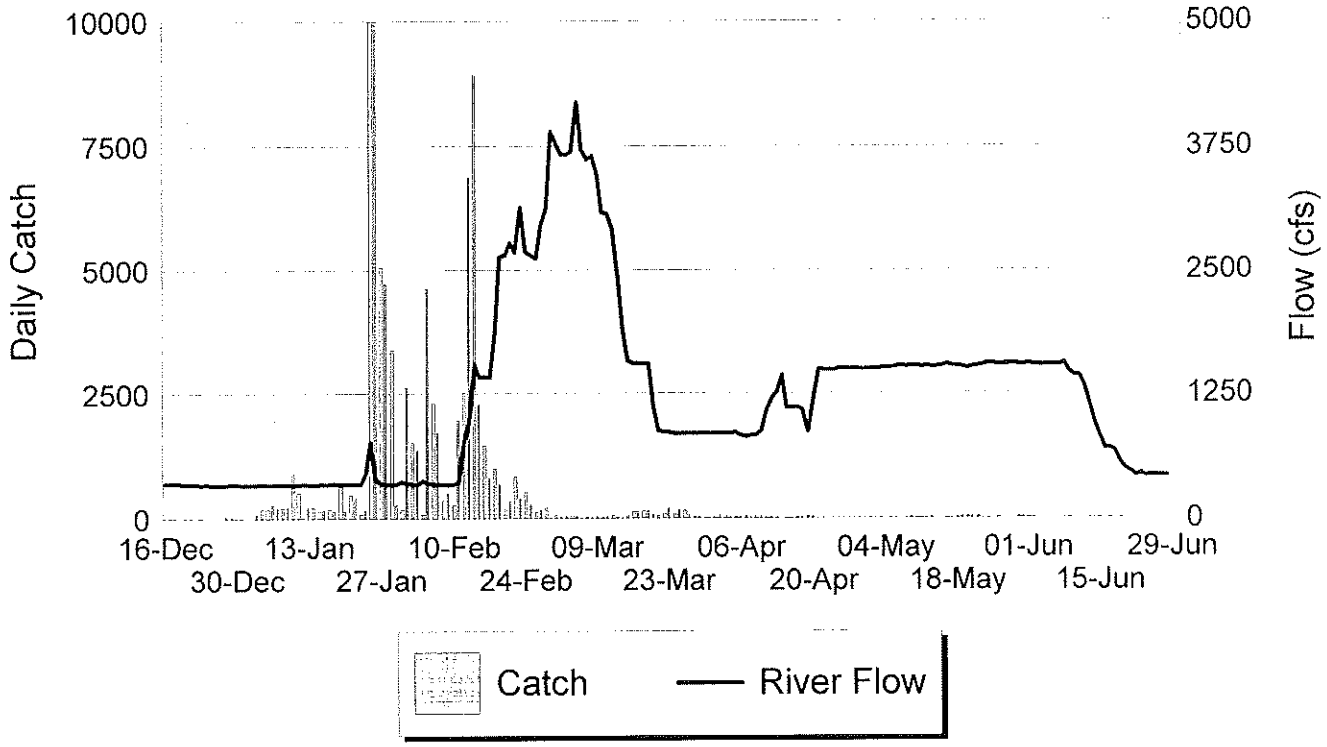
Daily Chinook Catch at Oakdale- Year 2000

Julian Week	Date	CHNF Count	Yearling Count
50	16-Dec-99	25	
51	17-Dec-99	6	
51	18-Dec-99	18	
51	19-Dec-99	ns	
51	20-Dec-99	9	
51	21-Dec-99	11	
51	22-Dec-99	2	
51	23-Dec-99	7	
52	24-Dec-99	ns	
52	25-Dec-99	ns	
52	26-Dec-99	ns	
52	27-Dec-99	ns	
52	28-Dec-99	50	
52	29-Dec-99	25	
52	30-Dec-99	15	
52	31-Dec-99	7	
1	01-Jan-00	ns	
1	02-Jan-00	ns	
1	03-Jan-00	89	
1	04-Jan-00	205	
1	05-Jan-00	193	
1	06-Jan-00	271	
1	07-Jan-00	226	
2	08-Jan-00	212	
2	09-Jan-00	238	
2	10-Jan-00	903	
2	11-Jan-00	535	
2	12-Jan-00	16	
2	13-Jan-00	230	
2	14-Jan-00	232	
3	15-Jan-00	159	
3	16-Jan-00	181	
3	17-Jan-00	193	
3	18-Jan-00	146	
3	19-Jan-00	712	
3	20-Jan-00	153	
3	21-Jan-00	475	
4	22-Jan-00	426	
4	23-Jan-00	84	
4	24-Jan-00	162	
4	25-Jan-00	28173	3
4	26-Jan-00	22595	2
4	27-Jan-00	5043	
4	28-Jan-00	4722	
5	29-Jan-00	3388	
5	30-Jan-00	279	
5	31-Jan-00	178	
5	01-Feb-00	2627	
5	02-Feb-00	1515	1
5	03-Feb-00	1366	
5	04-Feb-00	81	
6	05-Feb-00	4627	
6	06-Feb-00	2309	
6	07-Feb-00	1727	
6	08-Feb-00	359	
6	09-Feb-00	513	
6	10-Feb-00	282	
6	11-Feb-00	1963	
7	12-Feb-00	2513	
7	13-Feb-00	6868	
7	14-Feb-00	8931	
7	15-Feb-00	2287	
7	16-Feb-00	1466	
7	17-Feb-00	815	
7	18-Feb-00	1000	
8	19-Feb-00	690	
8	20-Feb-00	182	
8	21-Feb-00	351	
8	22-Feb-00	840	
8	23-Feb-00	399	
8	24-Feb-00	543	
8	25-Feb-00	287	
9	26-Feb-00	138	

Julian Week	Date	CHNF Count	Yearling Count
9	27-Feb-00	158	
9	28-Feb-00	238	
9	29-Feb-00	23	
9	01-Mar-00	73	
9	02-Mar-00	44	
9	03-Mar-00	40	
9	04-Mar-00	54	
10	05-Mar-00	42	
10	06-Mar-00	26	
10	07-Mar-00	29	
10	08-Mar-00	18	
10	09-Mar-00	27	
10	10-Mar-00	16	
10	11-Mar-00	43	
11	12-Mar-00	55	
11	13-Mar-00	45	
11	14-Mar-00	17	
11	15-Mar-00	58	
11	16-Mar-00	142	
11	17-Mar-00	135	
11	18-Mar-00	150	
12	19-Mar-00	153	
12	20-Mar-00	86	
12	21-Mar-00	57	
12	22-Mar-00	106	
12	23-Mar-00	198	
12	24-Mar-00	82	
12	25-Mar-00	169	1
13	26-Mar-00	164	
13	27-Mar-00	73	
13	28-Mar-00	29	
13	29-Mar-00	27	
13	30-Mar-00	9	
13	31-Mar-00	17	
13	01-Apr-00	41	
14	02-Apr-00	66	
14	03-Apr-00	55	
14	04-Apr-00	47	
14	05-Apr-00	37	
14	06-Apr-00	46	
14	07-Apr-00	41	
14	08-Apr-00	36	
15	09-Apr-00	58	
15	10-Apr-00	41	
15	11-Apr-00	44	
15	12-Apr-00	28	
15	13-Apr-00	16	
15	14-Apr-00	4	
15	15-Apr-00	15	
16	16-Apr-00	15	
16	17-Apr-00	17	
16	18-Apr-00	21	
16	19-Apr-00	39	
16	20-Apr-00	45	
16	21-Apr-00	15	
16	22-Apr-00	7	
17	23-Apr-00	5	
17	24-Apr-00	14	
17	25-Apr-00	15	
17	26-Apr-00	12	
17	27-Apr-00	12	
17	28-Apr-00	7	
17	29-Apr-00	10	
18	30-Apr-00	9	
18	01-May-00	10	
18	02-May-00	8	
18	03-May-00	8	
18	04-May-00	5	
18	05-May-00	10	
18	06-May-00	6	
19	07-May-00	5	
19	08-May-00	14	
19	09-May-00	23	

Julian Week	Date	CHNF Count	Yearling Count
19	10-May-00	10	
19	11-May-00	10	
19	12-May-00	21	
19	13-May-00	17	
20	14-May-00	5	
20	15-May-00	1	
20	16-May-00	7	
20	17-May-00	15	
20	18-May-00	46	
20	19-May-00	46	
20	20-May-00	41	
21	21-May-00	27	
21	22-May-00	36	
21	23-May-00	12	
21	24-May-00	15	
21	25-May-00	4	
21	26-May-00	16	
21	27-May-00	ns	
22	28-May-00	ns	
22	29-May-00	ns	
22	30-May-00	28	
22	31-May-00	28	
22	01-Jun-00	59	
22	02-Jun-00	20	
22	03-Jun-00	ns	
23	04-Jun-00	ns	
23	05-Jun-00	0	
23	06-Jun-00	3	
23	07-Jun-00	4	
23	08-Jun-00	8	
23	09-Jun-00	10	
23	10-Jun-00	ns	
24	11-Jun-00	ns	
24	12-Jun-00	5	
24	13-Jun-00	9	
24	14-Jun-00	15	
24	15-Jun-00	15	
24	16-Jun-00	2	
24	17-Jun-00	9	
25	18-Jun-00	4	
25	19-Jun-00	14	
25	20-Jun-00	1	
25	21-Jun-00	4	
25	22-Jun-00	1	
25	23-Jun-00	0	
25	24-Jun-00	ns	
26	25-Jun-00	ns	
26	26-Jun-00	1	
26	27-Jun-00	0	
26	28-Jun-00	1	
26	29-Jun-00	0	
26	30-Jun-00	1	

Daily 2000 Flow at OBB and Chinook Catch at Oakdale



* the catch peaked at 28,173 on 25-Jan and 22,595 on 26-Jan

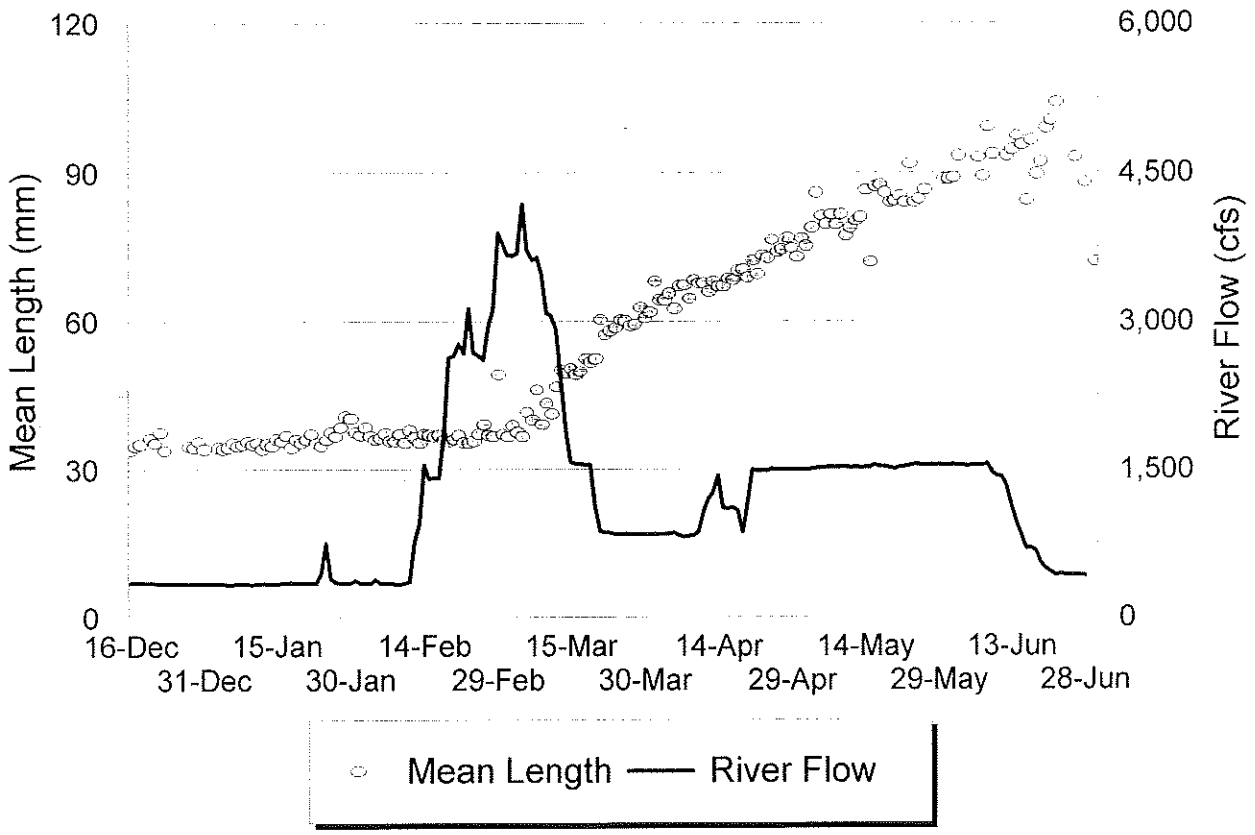
Daily Chinook Mean Length at Oakdale - Year 2000

Date	CHNF Length (mm)	Yearling Length (mm)
16-Dec-99	33.92	
17-Dec-99	34.67	
18-Dec-99	35.28	
19-Dec-99	ns	
20-Dec-99	36.33	
21-Dec-99	35.36	
22-Dec-99	37.5	
23-Dec-99	33.86	
24-Dec-99	ns	
25-Dec-99	ns	
26-Dec-99	ns	
27-Dec-99	ns	
28-Dec-99	34.68	
29-Dec-99	34.52	
30-Dec-99	35.67	
31-Dec-99	34.14	
01-Jan-00	ns	
02-Jan-00	ns	
03-Jan-00	34.54	
04-Jan-00	34.2	
05-Jan-00	34.62	
06-Jan-00	35.44	
07-Jan-00	34.78	
08-Jan-00	34.98	
09-Jan-00	35.64	
10-Jan-00	35.04	
11-Jan-00	35.42	
12-Jan-00	34.19	
13-Jan-00	35.27	
14-Jan-00	34.76	
15-Jan-00	36.18	
16-Jan-00	35.63	
17-Jan-00	36.84	
18-Jan-00	34.56	
19-Jan-00	36.08	
20-Jan-00	35.33	
21-Jan-00	36.06	
22-Jan-00	37.15	
23-Jan-00	35.35	
24-Jan-00	34.81	
25-Jan-00	35.95	141.67
26-Jan-00	37.53	124.5
27-Jan-00	36.67	
28-Jan-00	38.54	
29-Jan-00	40.83	
30-Jan-00	40.38	
31-Jan-00	37.44	
01-Feb-00	36.93	
02-Feb-00	38.51	130.5
03-Feb-00	36.72	
04-Feb-00	36.02	
05-Feb-00	36.26	
06-Feb-00	37.35	
07-Feb-00	35.89	
08-Feb-00	35.68	
09-Feb-00	37.2	
10-Feb-00	35.47	
11-Feb-00	37.99	
12-Feb-00	36.54	
13-Feb-00	35.49	
14-Feb-00	37.29	
15-Feb-00	37.04	
16-Feb-00	36.59	
17-Feb-00	37.07	
18-Feb-00	35.94	
19-Feb-00	35.72	
20-Feb-00	36.22	
21-Feb-00	37.09	

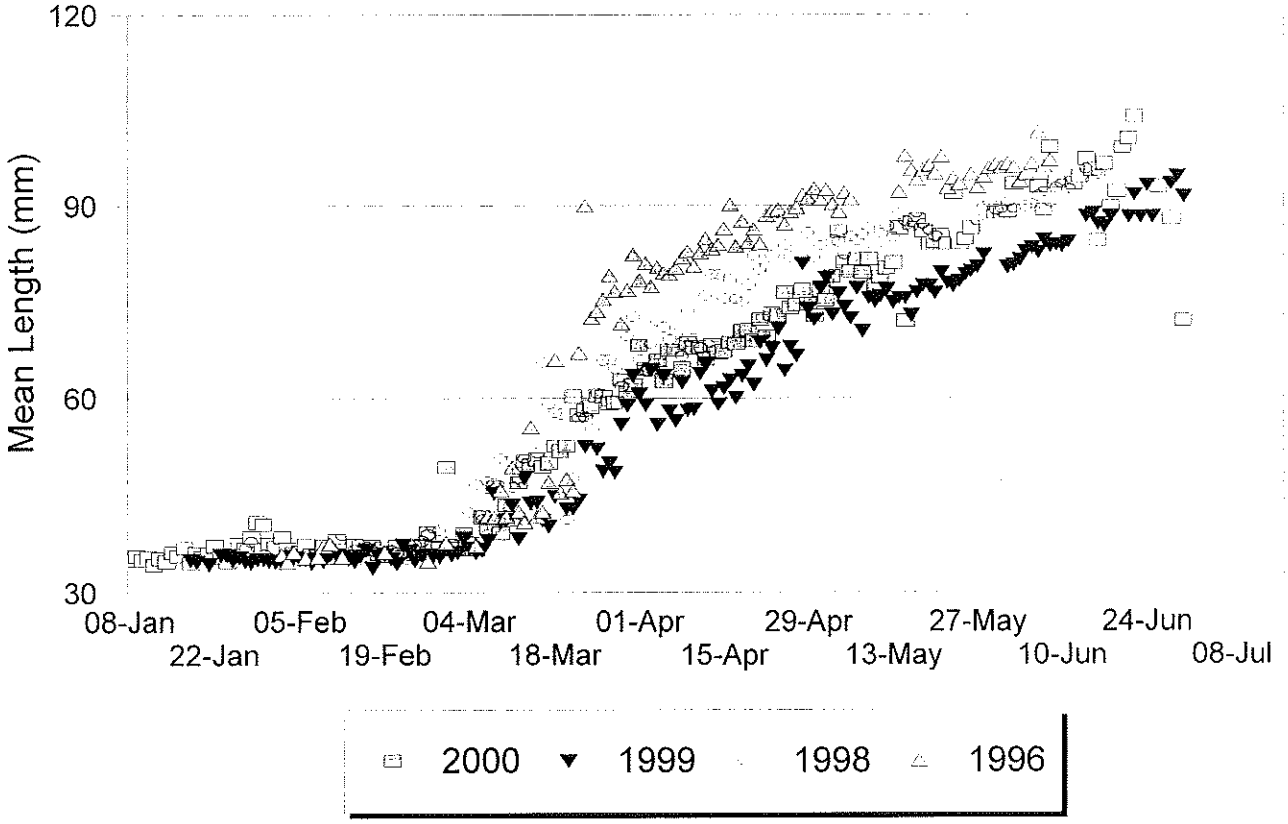
Date	CHNF Length (mm)	Yearling Length (mm)
22-Feb-00	35.57	
23-Feb-00	35.44	
24-Feb-00	35.86	
25-Feb-00	37.26	
26-Feb-00	39.1	
27-Feb-00	36.93	
28-Feb-00	36.77	
29-Feb-00	49.2	
01-Mar-00	37.2	
02-Mar-00	36.73	
03-Mar-00	38.98	
04-Mar-00	37.59	
05-Mar-00	36.71	
06-Mar-00	41.54	
07-Mar-00	40.07	
08-Mar-00	46.17	
09-Mar-00	39.11	
10-Mar-00	43.44	
11-Mar-00	41.25	
12-Mar-00	46.81	
13-Mar-00	50.27	
14-Mar-00	49.53	
15-Mar-00	50.55	
16-Mar-00	49.3	
17-Mar-00	49.91	
18-Mar-00	52.56	
19-Mar-00	51.77	
20-Mar-00	52.57	
21-Mar-00	60.33	
22-Mar-00	57.36	
23-Mar-00	58.18	
24-Mar-00	58.69	
25-Mar-00	60.37	156
26-Mar-00	60.24	
27-Mar-00	59.11	
28-Mar-00	59.34	
29-Mar-00	62.74	
30-Mar-00	60.78	
31-Mar-00	61.94	
01-Apr-00	68.08	
02-Apr-00	64.52	
03-Apr-00	64.3	
04-Apr-00	65.79	
05-Apr-00	62.7	
06-Apr-00	67.29	
07-Apr-00	67.34	
08-Apr-00	64.61	
09-Apr-00	68.48	
10-Apr-00	67.73	
11-Apr-00	67.82	
12-Apr-00	66.04	
13-Apr-00	68.12	
14-Apr-00	67	
15-Apr-00	67.27	
16-Apr-00	68.6	
17-Apr-00	68.29	
18-Apr-00	70.38	
19-Apr-00	70.51	
20-Apr-00	68.87	
21-Apr-00	72.27	
22-Apr-00	69.57	
23-Apr-00	73.2	
24-Apr-00	72.79	
25-Apr-00	76.47	
26-Apr-00	74.08	
27-Apr-00	74.5	
28-Apr-00	76.86	

Date	CHNF Length (mm)	Yearling Length (mm)
29-Apr-00	74.7	
30-Apr-00	72.89	
01-May-00	76.8	
02-May-00	75.25	
03-May-00	79	
04-May-00	86	
05-May-00	81.2	
06-May-00	79.67	
07-May-00	81.6	
08-May-00	79.5	
09-May-00	81.65	
10-May-00	77.4	
11-May-00	78.9	
12-May-00	80.3	
13-May-00	81.12	
14-May-00	86.6	
15-May-00	72	
16-May-00	87.29	
17-May-00	87.69	
18-May-00	86.04	
19-May-00	84	
20-May-00	84.39	
21-May-00	85.3	
22-May-00	84.03	
23-May-00	91.83	
24-May-00	84.07	
25-May-00	84.75	
26-May-00	86.56	
27-May-00	ns	
28-May-00	ns	
29-May-00	ns	
30-May-00	88.82	
31-May-00	88.79	
01-Jun-00	89.03	
02-Jun-00	93.45	
03-Jun-00	ns	
04-Jun-00	ns	
05-Jun-00	-	
06-Jun-00	93	
07-Jun-00	89.25	
08-Jun-00	99.12	
09-Jun-00	93.7	
10-Jun-00	ns	
11-Jun-00	ns	
12-Jun-00	93.4	
13-Jun-00	94.56	
14-Jun-00	97.27	
15-Jun-00	95.53	
16-Jun-00	84.5	
17-Jun-00	96.56	
18-Jun-00	89.75	
19-Jun-00	92.29	
20-Jun-00	99	
21-Jun-00	100.5	
22-Jun-00	104	
23-Jun-00	-	
24-Jun-00	ns	
25-Jun-00	ns	
26-Jun-00	93	
27-Jun-00	-	
28-Jun-00	88	
29-Jun-00	-	
30-Jun-00	72	

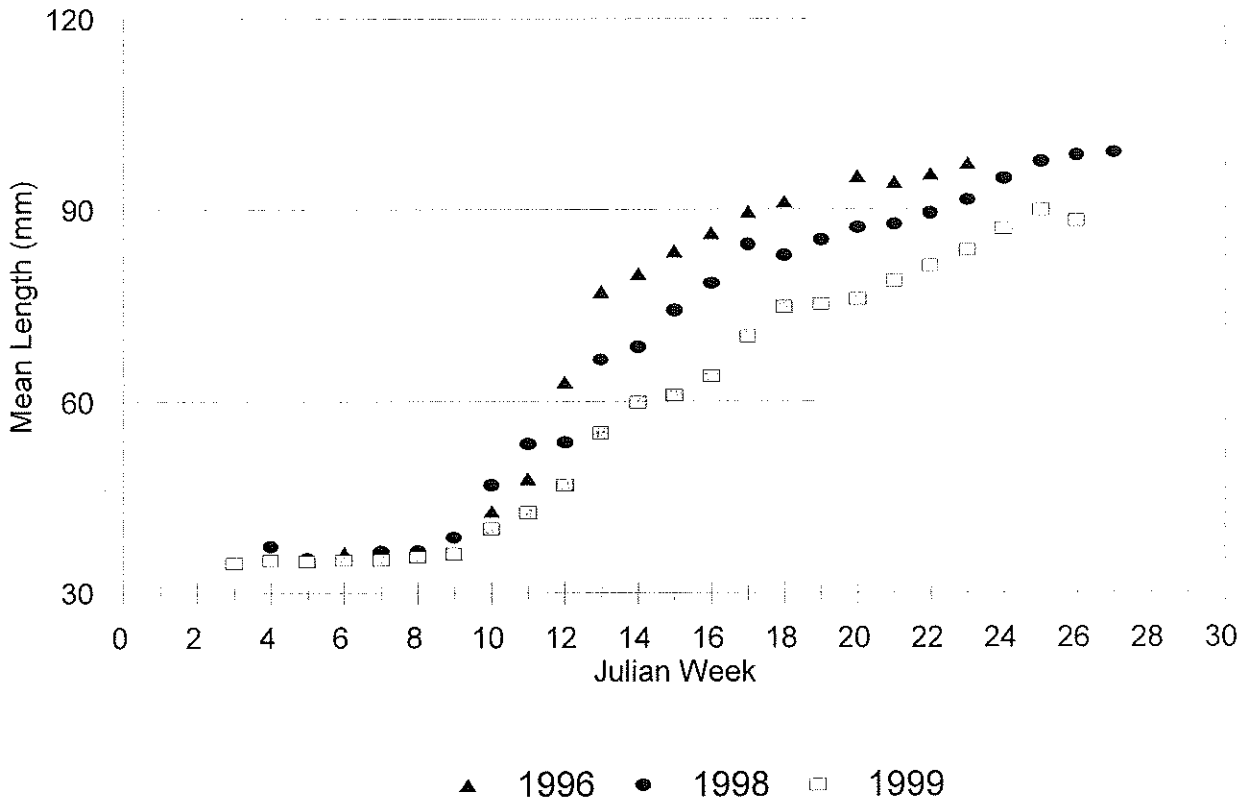
Daily Mean Lengths of Natural Chinook at Oakdale - 2000



Daily Chinook Mean Lengths at Oakdale 1996 - 2000



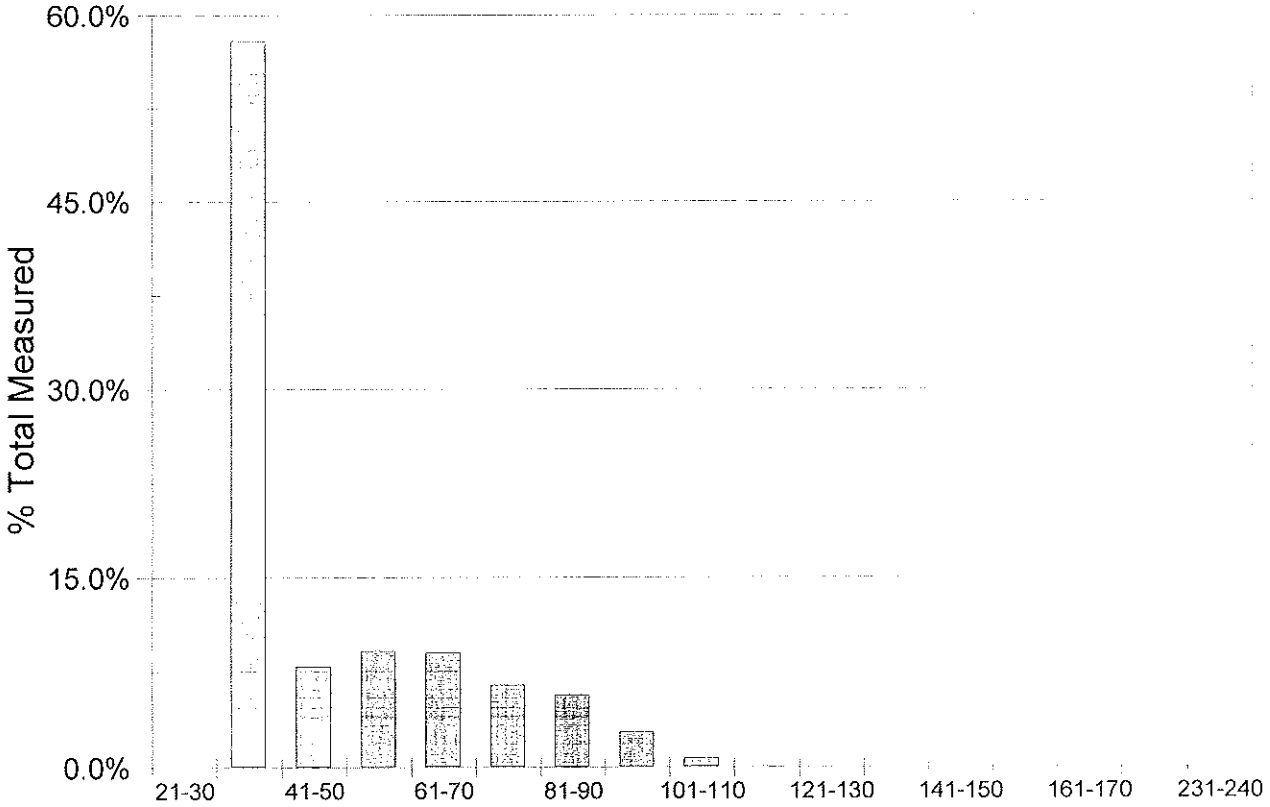
Mean Length by Julian Week at Oakdale 1996 to 2000



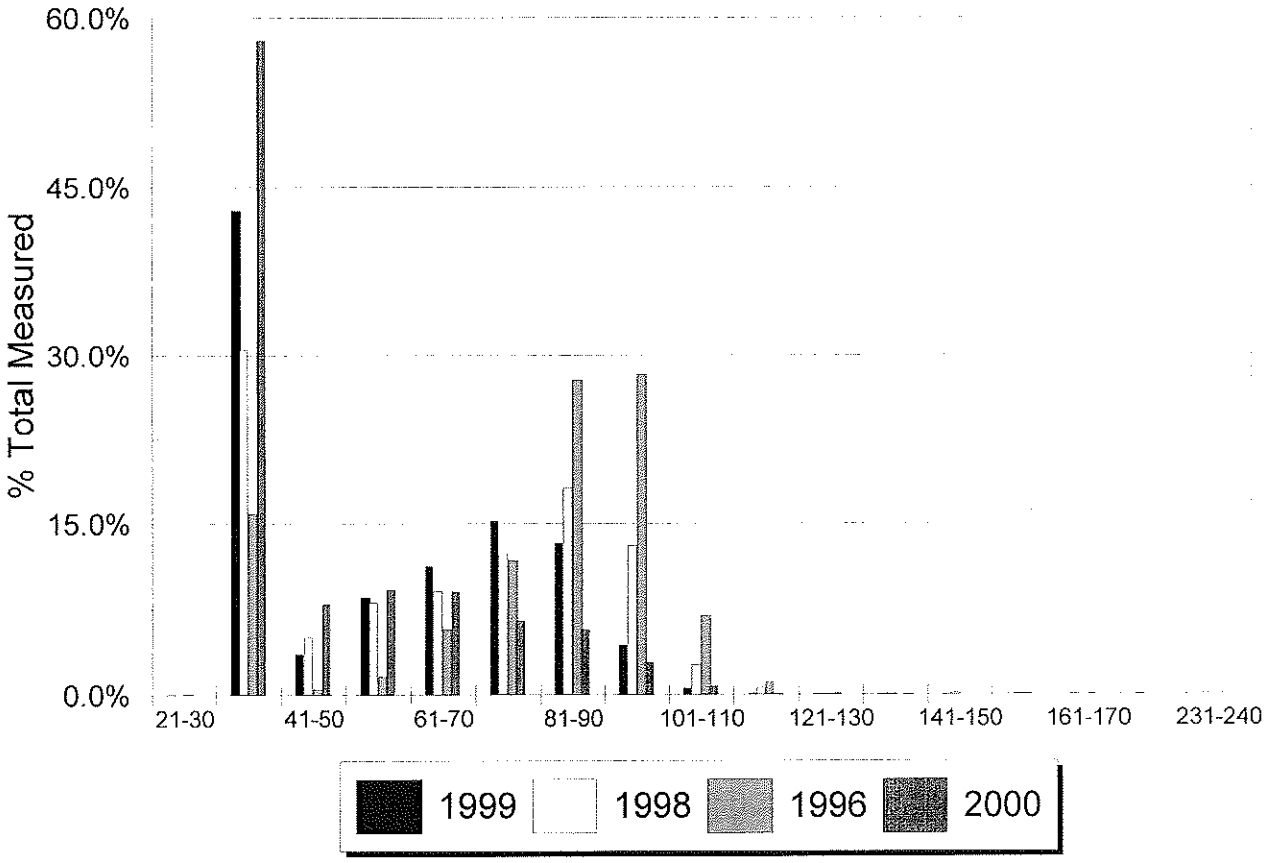
Oakdale 2000 Length Frequency

Length Interval (mm)	Julian Week																															Season Total	%
	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
21-30							4	2	1	2	1	1																				0	0.00%
31-40	25	53	97	327	456	549	494	483	436	473	345	121	61	18	3	2							1									3944	57.97%
41-50				2	2	16	48	25	45	28	73	43	137	93	17	7	3			1												540	7.94%
51-60				1	5	10	27	15	8	6	22	22	101	182	86	77	33	25	3		1											624	9.17%
61-70					2	14	20	7	3	2	6	7	43	123	84	133	82	55	15	9	4	4	2				1					616	9.05%
71-80							6	1	1		2		15	35	26	81	61	56	36	21	47	26	15	6		1	2	1				439	6.45%
81-90													3	7	13	15	16	20	19	21	34	92	65	62	5	11	5	1				389	5.72%
91-100														3	2	3	2	3	1	4	13	32	21	57	15	25	8	1				190	2.79%
101-110						1							1				1		1			4	6	9	4	16	7					50	0.73%
111-120						1																1			1	2						5	0.07%
121-130						1																										1	0.01%
131-140							2																				1					3	0.04%
141-150						1																										1	0.01%
151-160														1																		1	0.01%
161-170						1																										1	0.01%
191-200																																0	
231-240																																0	
	25	53	97	330	465	594	597	531	493	509	448	193	361	462	231	318	198	159	75	56	99	159	110	134	25	55	24	3				6804	

Length Frequency of Measured Chinook at Oakdale - 2000



1996 - 2000 Length Frequencies of Measured Chinook at Oakdale



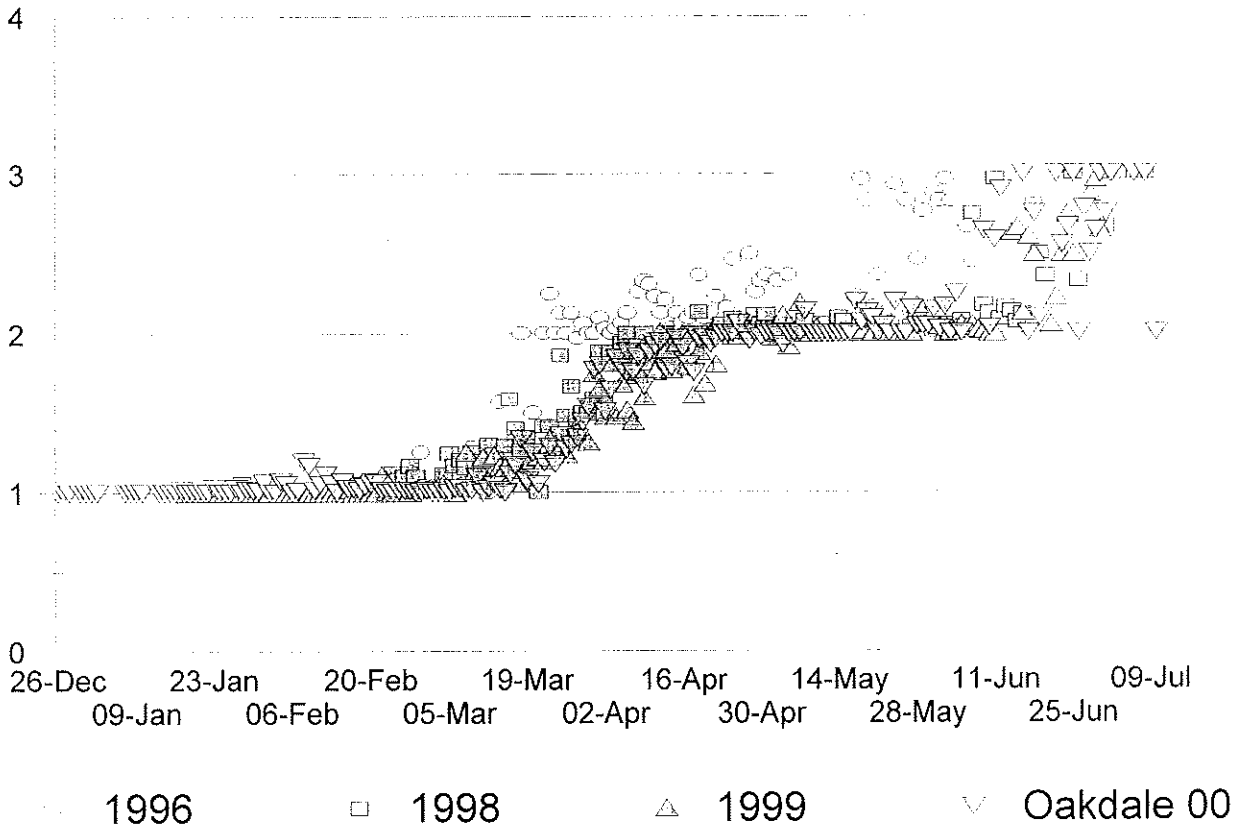
Chinook smolt index values for all natural chinook rated at Oakdale during 2000.

	Combined			
Date	# 1	# 2	# 3	Mean Index
16-Dec	25			1.00
17-Dec	6			1.00
18-Dec	18			1.00
19-Dec				
20-Dec	9			1.00
21-Dec	11			1.00
22-Dec	2			1.00
23-Dec	7			1.00
24-Dec				
25-Dec				
26-Dec				
27-Dec				
28-Dec	50			1.00
29-Dec	25			1.00
30-Dec	15			1.00
31-Dec	7			1.00
01-Jan				
02-Jan				
03-Jan	50			1.00
04-Jan	51			1.00
05-Jan	53			1.00
06-Jan	57			1.00
07-Jan	59	1		1.02
08-Jan	50			1.00
09-Jan	50			1.00
10-Jan	50			1.00
11-Jan	50			1.00
12-Jan	16			1.00
13-Jan	62	2		1.03
14-Jan	50			1.00
15-Jan	60			1.00
16-Jan	51			1.00
17-Jan	68	2		1.03
18-Jan	50			1.00
19-Jan	61	1		1.02
20-Jan	69	1		1.01
21-Jan	101	1		1.01
22-Jan	74	5		1.06
23-Jan	69			1.00
24-Jan	69			1.00
25-Jan	92	1	3	1.07
26-Jan	108	2	2	1.05
27-Jan	90			1.00
28-Jan	79	1		1.01
29-Jan	70	17		1.20
30-Jan	70	14		1.17
31-Jan	71	1		1.01
01-Feb	71	4		1.05
02-Feb	71	5	2	1.12
03-Feb	133	8		1.06
04-Feb	64			1.00
05-Feb	68	5		1.07
06-Feb	75	2		1.03
07-Feb	71	2		1.03
08-Feb	70	1		1.01
09-Feb	68	3		1.04
10-Feb	85	5		1.06
11-Feb	73	5		1.06
12-Feb	70	1		1.01
13-Feb	70			1.00
14-Feb	70			1.00
15-Feb	70	1		1.01
16-Feb	70	1		1.01
17-Feb	70	1		1.01
18-Feb	70			1.00
19-Feb	109	1		1.01

	Combined			
Date	# 1	# 2	# 3	Mean Index
20-Feb	64	1		1.02
21-Feb	56			1.00
22-Feb	70			1.00
23-Feb	69	1		1.01
24-Feb	70			1.00
25-Feb	68	2		1.03
26-Feb	68	2		1.03
27-Feb	90			1.00
28-Feb	69	1		1.01
29-Feb	18	2		1.10
01-Mar	61			1.00
02-Mar	43	1		1.02
03-Mar	38	2		1.05
04-Mar	53	1		1.02
05-Mar	42			1.00
06-Mar	23	3		1.12
07-Mar	24	5		1.17
08-Mar	12	6		1.33
09-Mar	25	2		1.07
10-Mar	12	4		1.25
11-Mar	34	2		1.06
12-Mar	34	8		1.19
13-Mar	32	13		1.29
14-Mar	14	3		1.18
15-Mar	30	17		1.36
16-Mar	51	19		1.27
17-Mar	49	21		1.30
18-Mar	46	24		1.34
19-Mar	45	36		1.44
20-Mar	31	36		1.54
21-Mar	13	44		1.77
22-Mar	10	40		1.80
23-Mar	35	36		1.51
24-Mar	23	42		1.65
25-Mar	14	54	3	1.85
26-Mar	15	55		1.79
27-Mar	6	47		1.89
28-Mar	7	22		1.76
29-Mar	4	23		1.85
30-Mar	3	6		1.67
31-Mar	2	15		1.88
01-Apr	2	24		1.92
02-Apr	3	55		1.95
03-Apr	12	42		1.78
04-Apr	10	37		1.79
05-Apr	1	36		1.97
06-Apr	4	41		1.91
07-Apr	8	33		1.80
08-Apr	9	27		1.75
09-Apr	2	48		1.96
10-Apr	2	38	1	1.98
11-Apr	3	41		1.93
12-Apr	1	27		1.96
13-Apr		16		2.00
14-Apr		4		2.00
15-Apr		15		2.00
16-Apr		14	1	2.07
17-Apr		17		2.00
18-Apr	1	20		1.95
19-Apr		39		2.00
20-Apr	1	44		1.98
21-Apr		15		2.00
22-Apr		7		2.00
23-Apr		5		2.00
24-Apr	2	11	1	1.93
25-Apr		15		2.00

	Combined			
Date	# 1	# 2	# 3	Mean Index
26-Apr		12		2.00
27-Apr		12		2.00
28-Apr		6	1	2.14
29-Apr		10		2.00
30-Apr		9		2.00
01-May		10		2.00
02-May		8		2.00
03-May		8		2.00
04-May		5		2.00
05-May		10		2.00
06-May		6		2.00
07-May		4	1	2.20
08-May		13	1	2.07
09-May		20	3	2.13
10-May		9	1	2.10
11-May		10		2.00
12-May		19	1	2.05
13-May		17		2.00
14-May		4	1	2.20
15-May		1		2.00
16-May		7		2.00
17-May		11	2	2.15
18-May		44	2	2.04
19-May		44	2	2.04
20-May		39	2	2.05
21-May	1	21	5	2.15
22-May		35	1	2.03
23-May		10	2	2.17
24-May		15		2.00
25-May		3	1	2.25
26-May		16		2.00
27-May				ns
28-May				ns
29-May				ns
30-May		10	18	2.64
31-May		27	1	2.04
01-Jun		24	34	2.59
02-Jun		2	18	2.90
03-Jun				
04-Jun				
05-Jun				-
06-Jun			3	3.00
07-Jun		4		2.00
08-Jun		2	6	2.75
09-Jun		9	1	2.10
10-Jun				ns
11-Jun				ns
12-Jun			5	3.00
13-Jun		4	5	2.56
14-Jun		5	10	2.67
15-Jun			15	3.00
16-Jun		2		2.00
17-Jun		2	7	2.78
18-Jun		2	2	2.50
19-Jun		5	9	2.64
20-Jun			1	3.00
21-Jun		1	3	2.75
22-Jun			1	3.00
23-Jun				-
24-Jun				
25-Jun				
26-Jun			1	3.00
27-Jun				-
28-Jun			1	3.00
29-Jun				-
30-Jun		1		2.00

1996,1998, 1999 and 2000 Smolt Index Values at Oakdale



Oakdale Release and Recapture Data - Year 2000

Release Code	Release Location	Release Date	Mark Applied	Stock	Mark Type	Adjusted # Released	Number Recaptured	Percent Recaptured	Mean at Release	Mean at Recapture	Flow
O1	Oakdale	11-Jan-00	BLRN	Natural	Cold Brand	530	103	19.43%	34.6	35.61	335
O2	Oakdale	21-Jan-00	BLFN	Natural	Cold Brand	118	21	17.80%	34.5	35.00	343
O3	Oakdale	02-Feb-00	CFBN	Natural	Photonic	397	87	21.91%	36.0	34.88	339
O4	Oakdale	09-Feb-00	CFBN	Natural	Photonic	402	80	19.90%	35.3	34.67	333
O5	Oakdale	18-Feb-00	CFBN	Natural	Photonic	477	9	1.89%	35.5	35.22	1860
O6	Oakdale	26-Feb-00	CFBN	Natural	Photonic	970	10	1.03%	36.0	37.00	2615
O7	Oakdale	05-Mar-00	TCBN	Natural	Photonic	239	4	1.67%	35.0	36.25	4187
O8	Oakdale	18-Mar-00	BCBN	Natural	Photonic	346	5	1.45%	49.7	46.60	1550
O9*	Oakdale	25-Mar-00	TCGN	Natural	Photonic	441	0	0.00%	56.4	-	846
O10	Oakdale	18-May-00	BCGH	Hatchery	Photonic	1694	21	1.24%	86.8	84.81	1528
O11	Oakdale	19-May-00	DFGH	Hatchery	Photonic	1461	16	1.10%	83.2	84.88	1517
O12	Oakdale	20-May-00	AFGH	Hatchery	Photonic	1856	11	0.59%	85.6	81.18	1504
CFG-KF	Knights Ferry	18, 19-may-0(	CWT	Hatchery	CWT	75000	546	0.73%	nd	86.18	1523

*Gap between cone and rubber seal.

Number and Date of all Recaptures at Oakdale during 2000

Date	CFG-KF	O-LE-1	O-LE-2	O-LE-3	O1	O11	O12	O2	O3	O4	O5	O6	O7	O8	O9	VE1
15-Jan-00					133											
16-Jan-00																
17-Jan-00																
18-Jan-00																
19-Jan-00																
20-Jan-00																
21-Jan-00																
22-Jan-00								20								
23-Jan-00								1								
24-Jan-00																
25-Jan-00																
26-Jan-00																
27-Jan-00																
28-Jan-00																
29-Jan-00																
30-Jan-00																
31-Jan-00																
01-Feb-00																
02-Feb-00																
03-Feb-00										87						
04-Feb-00																
05-Feb-00																
06-Feb-00																
07-Feb-00																
08-Feb-00																
09-Feb-00																
10-Feb-00											80					
11-Feb-00																
12-Feb-00																
13-Feb-00																
14-Feb-00																
15-Feb-00																
16-Feb-00																
17-Feb-00																
18-Feb-00																
19-Feb-00												9				
20-Feb-00																
21-Feb-00																
22-Feb-00																
23-Feb-00																
24-Feb-00																
25-Feb-00																
26-Feb-00																
27-Feb-00													10			
28-Feb-00																
29-Feb-00																
01-Mar-00																
02-Mar-00																
03-Mar-00																
04-Mar-00																
05-Mar-00																
06-Mar-00														4		
07-Mar-00																
08-Mar-00																
09-Mar-00																
10-Mar-00																
11-Mar-00																
12-Mar-00																
13-Mar-00																
14-Mar-00																
15-Mar-00																
16-Mar-00																
17-Mar-00																

Number and Date of all Recaptures at Oakdale during 2000

Date	CFG-KF	O-LE-1	O-LE-2	O-LE-3	O1	O11	O12	O2	O3	O4	O5	O6	O7	O8	O9	VE1
18-Mar-00																
19-Mar-00														5		
20-Mar-00																
21-Mar-00																
22-Mar-00																
23-Mar-00																
24-Mar-00																
25-Mar-00																
26-Mar-00																0
27-Mar-00																
28-Mar-00																
29-Mar-00																
30-Mar-00																
31-Mar-00																
01-Apr-00		107														
02-Apr-00		2														
03-Apr-00																
04-Apr-00																
05-Apr-00																
06-Apr-00																
07-Apr-00			121													
08-Apr-00																
09-Apr-00																
10-Apr-00																
11-Apr-00																
12-Apr-00																
13-Apr-00																
14-Apr-00																
15-Apr-00																
16-Apr-00																
17-Apr-00																
18-Apr-00																
19-Apr-00																
20-Apr-00																
21-Apr-00																
22-Apr-00																
23-Apr-00				42												
24-Apr-00				38												
25-Apr-00																
26-Apr-00																
27-Apr-00																
28-Apr-00																
29-Apr-00																
30-Apr-00																
01-May-00																
02-May-00																
03-May-00																
04-May-00																
05-May-00																
06-May-00																
07-May-00																
08-May-00																
09-May-00																
10-May-00																
11-May-00																
12-May-00																
13-May-00																
14-May-00																
15-May-00																
16-May-00																
17-May-00																
18-May-00																
19-May-00	339					21										

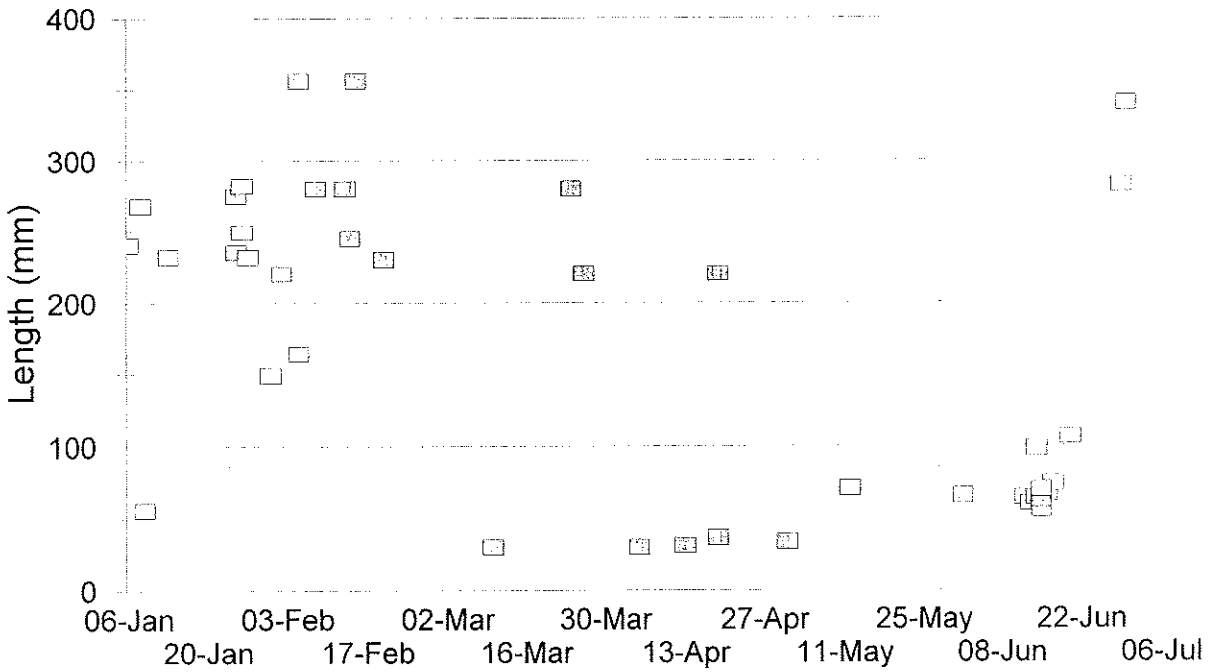
Number and Date of all Recaptures at Oakdale during 2000

Date	CFG-KF	O-LE-1	O-LE-2	O-LE-3	O1	O11	O12	O2	O3	O4	O5	O6	O7	O8	O9	VE1
20-May-00	182					7	8									
21-May-00	14					1	11									
22-May-00																
23-May-00																
24-May-00	4															
25-May-00	1															
26-May-00																
27-May-00																
28-May-00																
29-May-00																
30-May-00	1															
31-May-00	1															
01-Jun-00																65
02-Jun-00																
03-Jun-00																
04-Jun-00																
05-Jun-00	2															
06-Jun-00	1															
07-Jun-00																
08-Jun-00	1															
09-Jun-00	1															
10-Jun-00																
11-Jun-00																
12-Jun-00																
13-Jun-00																
14-Jun-00																
15-Jun-00	1															
16-Jun-00																
17-Jun-00	2															
18-Jun-00																
19-Jun-00	1															
20-Jun-00																
21-Jun-00	1															
22-Jun-00	1															
23-Jun-00																
24-Jun-00																
25-Jun-00																
26-Jun-00																
27-Jun-00																
28-Jun-00																
29-Jun-00																
30-Jun-00																
TOTAL	553	109	121	80	133	29	19	21	87	80	9	10	4	5	0	65

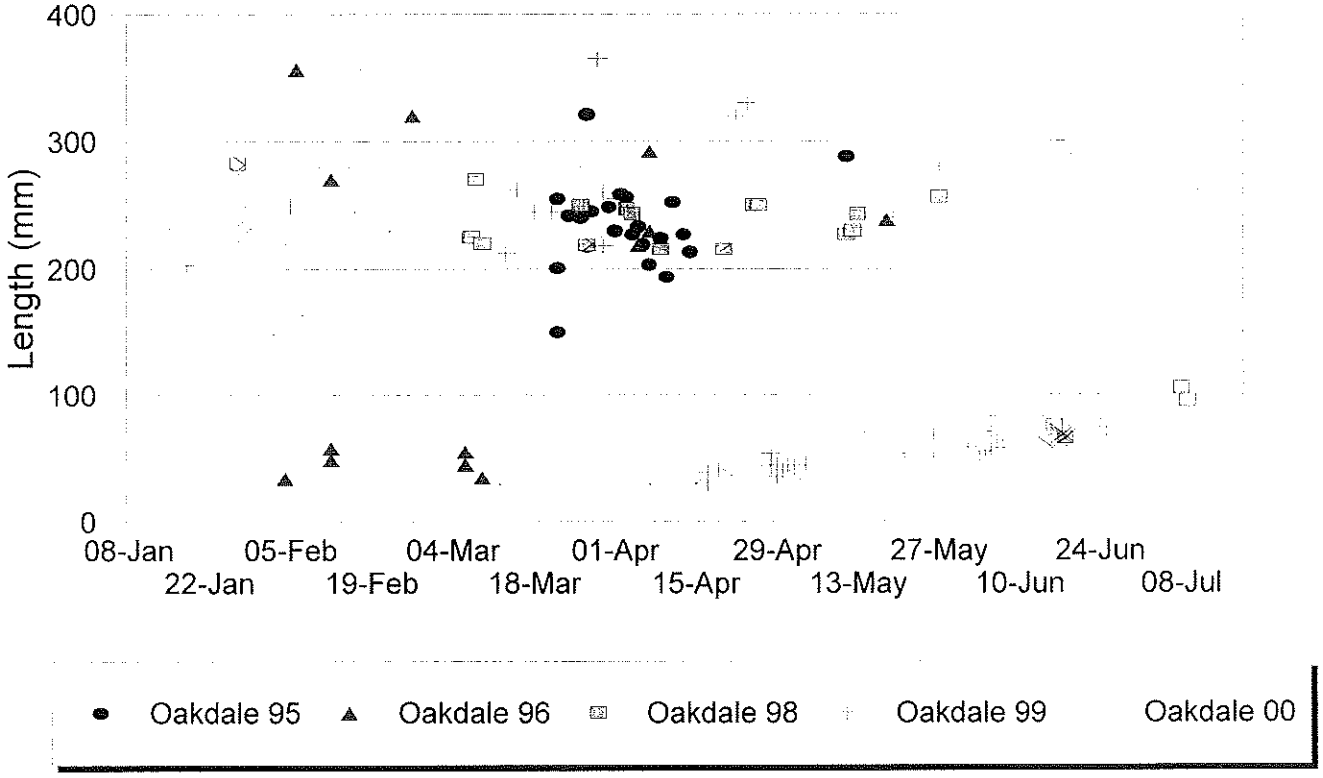
Rainbow/steelhead captured at Oakdale during 2000.

Date	Time	Length (mm)	Smolt Index
06-Jan-00	845	240	4
08-Jan-00	830	268	5
09-Jan-00	900	56	3
13-Jan-00	830	232	5
25-Jan-00	500	235	5
25-Jan-00	1800	275	5
25-Jan-00	500	222	5
26-Jan-00	200	249	5
26-Jan-00	730	282	5
27-Jan-00	1045	232	4
31-Jan-00	1130	149	4
02-Feb-00	2000	300+	5
02-Feb-00	945	220	5
05-Feb-00	845	356	5
05-Feb-00	845	164	4
08-Feb-00	915	280	5
12-Feb-00	2245	300+	5
13-Feb-00	1845	280	5
14-Feb-00	2145	245	5
15-Feb-00	1200	356	5
20-Feb-00	815	230	5
10-Mar-00	2215	30	1
24-Mar-00	815	280	5
26-Mar-00	800	220	5
05-Apr-00	830	30	2
13-Apr-00	815	31	2
19-Apr-00	815	220	5
19-Apr-00	815	37	2
01-May-00	815	34	2
12-May-00	730	71	3
01-Jun-00	730	66	3
12-Jun-00	745	64	3
13-Jun-00	715	60	3
14-Jun-00	745	64	3
14-Jun-00	745	98	3
15-Jun-00	730	68	3
15-Jun-00	730	56	3
15-Jun-00	730	299	5
15-Jun-00	730	63	3
15-Jun-00	730	70	3
16-Jun-00	745	67	3
17-Jun-00	745	74	3
20-Jun-00	730	106	3
29-Jun-00	730	282	5
30-Jun-00	745	340	5

Rainbow/Steelhead Captured at Oakdale - 2000



Rainbow/Steelhead Captured at Oakdale 1995 - 2000



Number and Date of Capture for Non-salmonids Captured in the Oakdale Trap during 2000.

Date	BGS	BKB	BKS	BRB	GF	GSN	HCH	HH	LAM	LMB	MQK	PL	PRS	RFS	RL	RSN	SASQ	SASU	SMB	STB	TP	WHC	WHS	YEB
16-Dec-99										4														
17-Dec-99																			1					
18-Dec-99										8				2					1					
20-Dec-99																			1					
21-Dec-99																			1					
22-Dec-99							1								1									
23-Dec-99										4								1						
28-Dec-99										2					2									
29-Dec-99										2					2									
30-Dec-99															5									
31-Dec-99																			2					
03-Jan-00										5					1				1					
04-Jan-00										4					1				1					
05-Jan-00															1				2					
06-Jan-00														2										
07-Jan-00										1				1	2				2					
08-Jan-00										4														
09-Jan-00										3														
10-Jan-00										3				1										
11-Jan-00										2			1	3					1					
12-Jan-00										3														
13-Jan-00									1	7				6										
14-Jan-00										2				1					1					
15-Jan-00										3			1	1										
17-Jan-00										5								1						
18-Jan-00										11				1	3			2						
19-Jan-00										7			3	2				1	1					
20-Jan-00										7									2			1		
21-Jan-00			1							3				2				1						
22-Jan-00			2					1		8			1	1				2	1					
23-Jan-00										2								1	1					
24-Jan-00										7			9	5	1									
25-Jan-00									2	1059			452	7										
26-Jan-00		3				2		1	1	11008	1		79	187	1			6	11					
27-Jan-00		1		1		1				125			12	5					2					
28-Jan-00				1	1		1			56			72	8	1			2	2					
29-Jan-00				6		1	1			3			7	4				1						
30-Jan-00				1		1				5				8										
31-Jan-00										2			6	2					1					
01-Feb-00							1			3			1	4	1									1
02-Feb-00				1									7	5										
03-Feb-00										3			1	4					2					
04-Feb-00										1			1	3										
05-Feb-00										2			1	1					1					
06-Feb-00										10				5									1	1
07-Feb-00						1								2				1						
08-Feb-00							1							1				1	1					
10-Feb-00														1										
11-Feb-00										6			2	2					1					
12-Feb-00							1			208			77	5				1	3					
13-Feb-00										88	1		950	28					6					
14-Feb-00		1				3				582			100	39	2			1	5					
15-Feb-00		1			2		1			24			84	16	2				4					
16-Feb-00		1								5			7	4					5					
17-Feb-00										5	1		6	3				1	1					
18-Feb-00							1							3					2					
19-Feb-00							1			6			3	3										
20-Feb-00		1								5			5											
21-Feb-00										7			3											

Number and Date of Capture for Non-salmonids Captured in the Oakdale Trap during 2000.

Date	BGS	BKB	BKS	BRB	GF	GSN	HCH	HH	LAM	LMB	MQK	PL	PRS	RFS	RL	RSN	SASQ	SASU	SMB	STB	TP	WHC	WHS	YEB
22-Feb-00		1											7	3				2	3					
23-Feb-00							1			1				2				1						
24-Feb-00							1			11			4					2	1					
25-Feb-00										3				3					2					
26-Feb-00														2										
27-Feb-00										1				1										
28-Feb-00										3			8	2				1	1					
01-Mar-00														2				2						
02-Mar-00					1								1					2						
03-Mar-00		1								4				1				1						
04-Mar-00												1						2	2					
05-Mar-00										3				1										
06-Mar-00														1				2						
07-Mar-00														1				1						
10-Mar-00		1										1						1						
11-Mar-00																		1						
12-Mar-00														3				4	1					
13-Mar-00														3				2						
14-Mar-00												1		1										
15-Mar-00				1	1	1						1		2	2			18	2					
16-Mar-00		1								14				4				14	1					
17-Mar-00										11				1			1	6						
18-Mar-00									1					2	1			4						
19-Mar-00										2								7	2					
20-Mar-00														1				4	1					
21-Mar-00		2		1						37	1			5				16	2			1		1
22-Mar-00		1		1						37				1	1			19	5					
23-Mar-00														6				10	1					
24-Mar-00		2								67				2				6	1					
25-Mar-00											1		4	4				1	1					
26-Mar-00										4	1			3			1	4						
27-Mar-00														3				1						
28-Mar-00														1				1						
29-Mar-00															1	1			2					
30-Mar-00														1				1						
31-Mar-00														1										
01-Apr-00										2														
02-Apr-00										1				1				4						
03-Apr-00		1								5				3				3						
04-Apr-00										46				1	1			2						
05-Apr-00				1														2						
06-Apr-00							1							2										
07-Apr-00										4			1	2				2	1					
08-Apr-00		1		1																				
09-Apr-00										3				1		1		1						
10-Apr-00										1		1		2										
11-Apr-00												1						2						
12-Apr-00										4		3		1				1						
13-Apr-00															1			4	2					
14-Apr-00										5		1	1					3						
15-Apr-00										3		1	1					12						
16-Apr-00		1			1					2				1				6						1
17-Apr-00															1									
18-Apr-00							1											2						
19-Apr-00												2						1						
20-Apr-00		1										3						3						
21-Apr-00																		1						
22-Apr-00																		2						
23-Apr-00														2				4						

Number and Date of Capture for Non-salmonids Captured in the Oakdale Trap during 2000.

Date	BGS	BKB	BKS	BRB	GF	GSN	HCH	HH	LAM	LMB	MQK	PL	PRS	RFS	RL	RSN	SASQ	SASU	SMB	STB	TP	WHC	WHS	YEB
24-Apr-00																	1	2						
25-Apr-00																		2						
26-Apr-00																	1							
27-Apr-00																	2							
28-Apr-00																	2							
29-Apr-00																	1	1						
30-Apr-00										1							1							
02-May-00																	2							
03-May-00																	1	1						
04-May-00																	2							
05-May-00																	3							
06-May-00																	1	1						
07-May-00										2							1							
09-May-00							2										3	1						
10-May-00																		1						
11-May-00																	1							
12-May-00										2				1			1	1						
14-May-00												1					5							
15-May-00																	1	1						
17-May-00																		1						
18-May-00												1					1							
19-May-00										6							3							
20-May-00							1										5	1						
21-May-00																	6	2						
22-May-00																	5							
23-May-00																	3	2						
24-May-00																	2	1						
25-May-00																	2							
26-May-00																	1	1						
30-May-00																	2	1						
31-May-00																	7	3						
01-Jun-00										1							5	1						
02-Jun-00																	3	1						
05-Jun-00																	1							
06-Jun-00																	3	1						
07-Jun-00																	6							
08-Jun-00																	6							
12-Jun-00													1				3							
13-Jun-00		1															3							
14-Jun-00							1				1						7	3						
15-Jun-00											4						5				1			
16-Jun-00											3	1					2							
17-Jun-00																	4							
18-Jun-00										1							1							
19-Jun-00										6		1					6							
20-Jun-00							1																	
21-Jun-00														1			1							
22-Jun-00										5														
23-Jun-00										1							2							
26-Jun-00											1				2		1					1		1
28-Jun-00							1			2												2		
29-Jun-00							1								1					1		3		
30-Jun-00										3								1				3		
TOTAL	22	3	15	6	10	20	2	5	13624	15	20	1919	459	37	2	2	339	127	1	1	2	10	4	1
	BGS	BKB	BKS	BRB	GF	GSN	HCH	HH	LAM	LMB	MQK	PL	PRS	RFS	RL	RSN	SASQ	SASU	SMB	STB	TP	WHC	WHS	YEB

Number Measured and Mean Lengths for Non-salmonids Captured in the Oakdale Trap during 2000

		RFS		RL		RSN		SASQ		SASU		SMB		STB		TP		WHC		WHS		YEB	
Date	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count
17-Dec										38	1												
18-Dec	2									29	1												
20-Dec										53	1												
21-Dec										31	1												
22-Dec		69	1																				
23-Dec								114	1														
28-Dec		87.5	2																				
29-Dec		80.5	2																				
30-Dec		78.2	5																				
31-Dec										89	2												
03-Jan		75	1							45	1												
04-Jan		80	1							65	1												
05-Jan		85	1							50.5	2												
06-Jan	2																						
07-Jan	1	79.5	2							185	2												
10-Jan	1																						
11-Jan	3									289	1												
13-Jan	6																						
14-Jan	1									37	1												
15-Jan	1																						
17-Jan								49	1														
18-Jan	1	73	3					33.5	2														
19-Jan	2							115	1	67	1												
20-Jan										51	2					67	1						
21-Jan	2							43	1														
22-Jan	1							45.5	2	30	1												
23-Jan								28	1	63	1												
24-Jan	5	59	1																				
25-Jan	7																						
26-Jan	61	79	1					51	4	88.09	11												
27-Jan	5									144.5	2												
28-Jan	8	56	1					50	2	123.5	2												
29-Jan	4							168	1														
30-Jan	8																						
31-Jan	2									48	1												
01-Feb	4	66	1																	78	1		
02-Feb	5																						
03-Feb	4									96	2												
04-Feb	3																						
05-Feb	1									74	1												
06-Feb	5																	120	1	79	1		
07-Feb	2							65	1														
08-Feb	1							53	1	35	1												
10-Feb	1																						
11-Feb	2									356	1												
12-Feb	5							58	1	214	3												
13-Feb	28									124.17	6												
14-Feb	26	76.5	2					42	1	202	1												
15-Feb	16	76.5	2							56.75	4												
16-Feb	4									61	5												
17-Feb	3							51	1	58	1												
18-Feb	3									36.5	2												
19-Feb	3																						
20-Feb																							
22-Feb	3							46.5	2	46.33	3												
23-Feb	2							35	1														
24-Feb								51	2	315	1												
25-Feb	3									30	2												
26-Feb	2																						
27-Feb	1																						
28-Feb	2							58	1	230	1												
01-Mar	2							49	2														
02-Mar								52.5	2														
03-Mar	1							53	1														
04-Mar								54	2	38	2												
05-Mar	1																						
06-Mar	1							52	2														
07-Mar	1							36	1														
10-Mar								60	1														
11-Mar								54	1														
12-Mar	3							43.5	4	33	1												
13-Mar	3							46.5	2														
14-Mar	1																						

Number Measured and Mean Lengths for Non-salmonids Captured in the Oakdale Trap during 2000

	BGS		BKB		BKS		BRB		GF		GSN		HCH		HH		LMB		MQK		PL		PRS
Date	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)
17-Dec																							
18-Dec																							73
20-Dec																							
21-Dec																							
22-Dec											81	1											
23-Dec																							
28-Dec																							
29-Dec																							
30-Dec																							
31-Dec																							
03-Jan																							
04-Jan																							
05-Jan																							
06-Jan																							71
07-Jan																							90
10-Jan																							110
11-Jan																							84
13-Jan															32	1							85.17
14-Jan																							80
15-Jan																							75
17-Jan																							
18-Jan																							60
19-Jan																							78
20-Jan																							
21-Jan			76	1																			73
22-Jan			67.5	2									55	1									60
23-Jan																							
24-Jan																							82
25-Jan															58	2							70.29
26-Jan									160.5	2			57	1			50	1					75.87
27-Jan	178	1			110	1			170	1													76.4
28-Jan					75	1	210	1			57	1											63.12
29-Jan					69.33	6			160	1	58	1											62.5
30-Jan					71	1			97	1													72
31-Jan																							67.5
01-Feb											110	1											79
02-Feb					80	1																	71.4
03-Feb																							80.75
04-Feb																							74
05-Feb																							82
06-Feb																							74.2
07-Feb									135	1													89
08-Feb											45	1											93
10-Feb																							82
11-Feb																							118.5
12-Feb											55	1											74
13-Feb																	106	1					82.93
14-Feb	126	1							135	3													77.54
15-Feb	185	1					135.5	2			62	1											76.19
16-Feb	157	1																					60.75
17-Feb																	64	1					80.33
18-Feb											52	1											64.67
19-Feb											60	1											61
20-Feb	175	1																					
22-Feb	185	1																					85.67
23-Feb											53	1											81
24-Feb											55	1											
25-Feb																							67.33
26-Feb																							59.5
27-Feb																							81
28-Feb																							74.5
01-Mar																							75.5
02-Mar							212	1															
03-Mar	137	1																					52
04-Mar																			31	1			
05-Mar																							51
06-Mar																							66
07-Mar																							51
10-Mar	124	1																	28	1			
11-Mar																							
12-Mar																							82.67
13-Mar																							80
14-Mar																			34	1			73

Number Measured and Mean Lengths for Non-salmonids Captured in the Oakdale Trap during 2000

	BGS		BKB		BKS		BRB		GF		GSN		HCH		HH		LMB		MQK		PL		PRS
Date	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)
15-Mar					140	1	230	1	210	1									26	1			62.5
16-Mar	146	1																					73.25
17-Mar																							70
18-Mar															46	1							63
19-Mar																							
20-Mar																							47
21-Mar	111	2			109	1											64	1					74
22-Mar	95	1			127	1																	70
23-Mar																							76.17
24-Mar	98.5	2																					69.5
25-Mar																	82	1					79
26-Mar																	84	1					80.33
27-Mar																							93
28-Mar																							64
29-Mar																							
30-Mar																							60
31-Mar																							60
02-Apr																							62
03-Apr	34	1																					61
04-Apr																							82
05-Apr					70	1																	
06-Apr											122	1											63
07-Apr																							83.5
08-Apr	140	1			154	1																	
09-Apr																							57
10-Apr																			36	1			78.5
11-Apr																			37	1			
12-Apr																			34	3			63
13-Apr																							
14-Apr																			34	1			
15-Apr																			33	1			
16-Apr	137	1					218	1															40
17-Apr																							
18-Apr											47	1											
19-Apr																			37.5	2			
20-Apr	56	1																	35	3			
21-Apr																							
22-Apr																							
23-Apr																							72
24-Apr																							
25-Apr																							
26-Apr																							
27-Apr																							
28-Apr																							
29-Apr																							
30-Apr																							
02-May																							
03-May																							
04-May																							
05-May																							
06-May																							
07-May																							
09-May											76.5	2											
10-May																							
11-May																							
12-May																							57
14-May																			45	1			
15-May																							
17-May																							
18-May																			40	1			
19-May																							
20-May											55	1											
21-May																							
22-May																							
23-May																							
24-May																							
25-May																							
26-May																							
30-May																							
31-May																							
01-Jun																							
02-Jun																							
05-Jun																							

Number Measured and Mean Lengths for Non-salmonids Captured in the Oakdale Trap during 2000

		RFS		RL		RSN		SASQ		SASU		SMB		STB		TP		WHC		WHS		YEB	
Date	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count
15-Mar	2	66.5	2					55.28	18	38	2												
16-Mar	4							53.79	14	38	1												
17-Mar	1					136	1	52.33	6														
18-Mar	2	89	1					42.25	4														
19-Mar								56.14	7	67	2												
20-Mar	1							59	4	210	1												
21-Mar	5							70.5	16	49	2					124	1			107	1		
22-Mar	1	60	1					50.53	19	42.4	5												
23-Mar	6							58.1	10	36	1												
24-Mar	2							59.17	6	46	1												
25-Mar	4							45	1	43	1												
26-Mar	3					113	1	51.75	4														
27-Mar	3							46	1														
28-Mar	1							51	1														
29-Mar		64	1	381	1					46.5	2												
30-Mar	1							52	1														
31-Mar	1																						
02-Apr	1							56.5	4														
03-Apr	3							54	3														
04-Apr	1	68	1					47.5	2														
05-Apr								65	2														
06-Apr	2																						
07-Apr	2							29	1	233	1												
08-Apr																							
09-Apr	1			381	1			46	1														
10-Apr	2																						
11-Apr								60.5	2														
12-Apr	1							59	1														
13-Apr		90	1					60.5	4	36.5	2												
14-Apr								54.33	3														
15-Apr								55.33	12														
16-Apr	1							48.83	6											80	1		
17-Apr		55	1																				
18-Apr								77.5	2														
19-Apr								92	1														
20-Apr								59	3														
21-Apr								45	1														
22-Apr								58	2														
23-Apr	2							43.75	4														
24-Apr								43	1	52	2												
25-Apr										57.5	2												
26-Apr								27	1														
27-Apr								117.5	2														
28-Apr								65	2														
29-Apr								47	1	58	1												
30-Apr								87	1														
02-May								63	2														
03-May								55	1	66	1												
04-May								103	2														
05-May								49.33	3														
06-May								47	1	64	1												
07-May								66	1														
09-May								53.67	3	140	1												
10-May										53	1												
11-May								68	1														
12-May	1							51	1	40	1												
14-May								60.2	5														
15-May								59	1	76	1												
17-May										49	1												
18-May								32	1														
19-May								59.33	3														
20-May								55.2	5	54	1												
21-May								56.5	6	46	2												
22-May								51.6	5														
23-May								70.33	3	47.5	2												
24-May								76.5	2	49	1												
25-May								74	2														
26-May								35	1	48	1												
30-May								78.5	2	113	1												
31-May								66.14	7	172.67	3												
01-Jun								55.2	5	78	1												
02-Jun								48	3	102	1												
05-Jun								233	1														

Number Measured and Mean Lengths for Non-salmonids Captured in the Oakdale Trap during 2000

Date	BGS Length (mm)	Count	BKB Length (mm)	Count	BKS Length (mm)	Count	BRB Length (mm)	Count	GF Length (mm)	Count	GSN Length (mm)	Count	HCH Length (mm)	Count	HH Length (mm)	Count	LMB Length (mm)	Count	MQK Length (mm)	Count	PL Length (mm)	Count	PRS Length (mm)
06-Jun																							
07-Jun																							
08-Jun																							
12-Jun																					625	1	
13-Jun	128	1																					
14-Jun											137	1					40	1					
15-Jun																	28.75	4					
16-Jun																	40.67	3	49	1			
17-Jun																							
18-Jun																							
19-Jun																			24	1			
20-Jun											32	1											
21-Jun																							79
23-Jun																							
26-Jun																	81	1					
28-Jun											48	1											
29-Jun											57	1											
30-Jun																							
	BGS Length (mm)	Count	BKB Length (mm)	Count	BKS Length (mm)	Count	BRB Length (mm)	Count	GF Length (mm)	Count	GSN Length (mm)	Count	HCH Length (mm)	Count	HH Length (mm)	Count	LMB Length (mm)	Count	MQK Length (mm)	Count	PL Length (mm)	Count	PRS Length (mm)

Number Measured and Mean Lengths for Non-salmonids Captured in the Oakdale Trap during 2000

		RFS		RL		RSN		SASQ		SASU		SMB		STB		TP		WHC		WHS		YEB	
Date	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count
06-Jun								75.67	3	48	1												
07-Jun								51.83	6														
08-Jun								57.5	6														
12-Jun								34.67	3														
13-Jun								59.67	3														
14-Jun								43.71	7	42.33	3												
15-Jun								48.4	5					160	1								
16-Jun								43.5	2														
17-Jun								66.75	4														
18-Jun								55	1														
19-Jun								46.67	6														
20-Jun																							
21-Jun	1							47	1														
23-Jun								50.5	2														
26-Jun		66.5	2					95	1									212	1			218	1
28-Jun																		153	2				
29-Jun		67	1									63	1					154.67	3				
30-Jun										23	1							151.33	3				
		RFS		RL		RSN		SASQ		SASU		SMB		STB		TP		WHC		WHS		YEB	
	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count	Length (mm)	Count

Oakdale 2000: Environmental and Physical Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
13-Dec-99	1130	0	nd	nd	nd	nd	nd	nd	CLR		4	ns
15-Dec-99	1600	0	nd	nd	nd	nd	nd	nd	CLR		4	0
16-Dec-99	900	4914	12.40	12.03	4.00	0.70	0.10	nd	CLR		1	1
16-Dec-99	1700	2819	nd	nd	nd	nd	0.10	nd	NIT		1	1
17-Dec-99	830	6687	12.53	11.77	4.50	1.20	0.10	48.0	CLR		1	2
17-Dec-99	1700	2360	nd	nd	nd	nd	nd	48.0	NIT		1	1
18-Dec-99	830	6879	11.70	12.17	4.20	0.90	0.10	48.5	CLR		1	3
19-Dec-99	1530	0	nd	nd	nd	nd	nd	nd	CLR		1	0
20-Dec-99	815	4992	11.83	11.97	4.30	2.20	0.10	49.0	CLR		1	1
20-Dec-99	1700	2307	nd	nd	nd	nd	nd	nd	NIT		1	1
21-Dec-99	900	6910	12.20	12.27	4.00	1.10	0.10	48.0	CLR		1	2
22-Dec-99	815	6629	11.80	11.87	4.00	0.60	0.10	48.0	CLR		1	1
23-Dec-99	845	6955	11.80	11.43	4.10	0.80	0.10	47.0	CLR		1	3
24-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
25-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
26-Dec-99	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
27-Dec-99	1515	0	nd	nd	nd	nd	nd	nd	CLR		1	0
28-Dec-99	815	4847	11.50	11.83	4.00	1.00	0.10	47.0	CLR		1	1
29-Dec-99	900	2300	12.03	12.00	4.00	0.80	0.10	48.0	CLR		1	1
30-Dec-99	815	6668	12.30	12.53	4.30	0.70	nd	47.0	CLR		1	1
31-Dec-99	815	3440	11.90	11.83	3.40	1.10	nd	49.0	CLR		1	1
01-Jan-00	ns	ns	ns	ns	ns	ns	ns	ns	ns		ns	ns
02-Jan-00	1530	0	nd	nd	nd	nd	nd	nd	CLR		1	0
03-Jan-00	845	4969	12.80	11.60	4.30	1.00	0.10	47.0	CLR		1	1
03-Jan-00	1630	2100	nd	nd	nd	nd	nd	nd	CLR		1	1
04-Jan-00	845	6736	12.60	11.43	4.10	0.70	0.10	48.0	CLR		1	2
04-Jan-00	1600	2033	nd	nd	nd	nd	nd	nd	CLR		1	1
05-Jan-00	830	6795	11.33	11.67	4.10	0.50	0.10	48.0	CLD		1	2
05-Jan-00	1615	2193	nd	nd	nd	nd	nd	nd	CLR		1	1
06-Jan-00	845	6874	11.93	12.37	4.60	0.70	0.10	47.0	CLR		1	2
06-Jan-00	1815	nd	nd	nd	nd	nd	nd	nd	NIT		1	1
07-Jan-00	900	6767	12.67	11.67	4.20	0.60	0.10	48.0	CLR		1	2
08-Jan-00	830	6696	12.97	12.03	4.20	0.40	0.05	47.0	CLR		1	1
09-Jan-00	900	6695	16.07	13.17	3.40	1.50	0.20	48.0	CLR		1	1
10-Jan-00	1230	7683	12.70	12.60	nd	nd	0.10	49.0	CLR		1	1
11-Jan-00	945	5532	12.97	12.13	4.15	1.20	0.10	49.0	CLD		1	1
12-Jan-00	830	5817	12.63	12.17	4.00	1.60	0.10	50.0	CLD		1	1
12-Jan-00	1830	1513	nd	nd	nd	nd	nd	nd	NIT		1	1
13-Jan-00	830	5335	13.40	12.40	4.10	0.90	0.10	49.0	CLR		1	2
14-Jan-00	830	6443	13.04	11.07	3.70	1.10	0.10	47.0	CLD		1	1
14-Jan-00	1730	2537	nd	nd	nd	nd	nd	nd	NIT		1	1
14-Jan-00	2000	3144	nd	nd	nd	nd	nd	52.0	NIT		1	1
14-Jan-00	2100	3424	nd	nd	nd	nd	nd	52.0	NIT		1	1
15-Jan-00	900	6662	10.50	11.67	3.70	1.10	nd	52.0	CLD		1	2
16-Jan-00	900	6491	12.67	12.30	4.20	1.20	0.10	51.0	CLD		1	1
16-Jan-00	1930	2774	nd	nd	nd	nd	nd	nd	NIT		1	1
17-Jan-00	845	6264	13.53	12.97	3.80	1.20	0.10	50.0	RAN		1	2
17-Jan-00	1915	2881	nd	nd	nd	nd	0.10	nd	NIT		1	1
18-Jan-00	830	6269	13.97	12.60	4.20	3.40	0.15	51.0	CLD		1	2
18-Jan-00	1730	2451	nd	nd	nd	nd	0.10	nd	NIT		1	1
19-Jan-00	830	6274	14.00	12.67	4.30	1.20	0.10	51.0	CLD		1	2
19-Jan-00	1945	3059	nd	nd	nd	nd	nd	nd	NIT		1	1
20-Jan-00	830	6547	13.60	12.13	3.90	1.70	0.10	53.0	CLD		1	2
20-Jan-00	2050	3515	nd	nd	nd	nd	nd	52.0	NIT		1	1
21-Jan-00	815	6618	13.13	12.30	4.10	1.10	0.10	49.5	CLR		1	2
21-Jan-00	1915	2990	nd	nd	nd	nd	nd	52.0	NIT		1	1
21-Jan-00	2030	nd	nd	nd	nd	nd	nd	52.0	NIT		1	2
21-Jan-00	2100	3477	nd	nd	nd	nd	nd	52.0	NIT		1	2
22-Jan-00	900	6689	13.50	13.10	3.30	0.40	0.10	50.0	CLR		1	2
22-Jan-00	2000	3103	nd	nd	nd	nd	nd	nd	NIT		1	1
23-Jan-00	830	6504	12.57	12.40	4.00	0.70	0.15	51.0	RAN		2	2
23-Jan-00	1815	2625	nd	nd	nd	nd	0.10	nd	NIT		1	1
24-Jan-00	900	3794	14.50	12.30	3.50	2.00	0.35	52.0	CLD		1	2
24-Jan-00	1800	808	nd	nd	nd	nd	0.43	nd	NIT		3	1
25-Jan-00	500	3589	nd	nd	nd	16.50	0.70	53.0	NIT		1	2
25-Jan-00	600	nd	nd	nd	nd	nd	0.70	53.0	NIT		1	2
25-Jan-00	930	4414	20.33	20.67	4.20	25.60	1.30	55.5	RAN		1	2
25-Jan-00	1245	nd	nd	nd	nd	nd	1.95	56.0	CLD		1	1
25-Jan-00	1615	1219	nd	nd	nd	nd	2.00	nd	CLD		1	2
25-Jan-00	1800	1664	15.57	nd	nd	21.00	1.60	54.0	RAN		1	2
26-Jan-00	200	805	nd	nd	nd	nd	0.60	52.0	NIT		1	2
26-Jan-00	500	2457	nd	nd	nd	nd	0.40	52.0	NIT		1	2
26-Jan-00	730	3248	13.70	12.73	5.10	11.20	0.30	52.0	CLD		1	2
26-Jan-00	1200	1177	nd	nd	nd	nd	0.26	nd	CLD		1	1
27-Jan-00	430	5729	nd	nd	nd	nd	0.11	nd	NIT		1	2
27-Jan-00	1045	7475	12.77	12.03	4.00	4.50	0.10	54.0	CLR		1	2

Oakdale 2000: Environmental and Physical Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
27-Jan-00	2115	2863	nd	nd	nd	nd	0.10	nd	NIT		1	1
28-Jan-00	900	6171	12.30	11.77	4.50	10.00	0.10	50.0	CLR		1	2
28-Jan-00	1930	3043	nd	nd	nd	nd	0.10	nd	NIT		1	1
29-Jan-00	845	6927	11.97	11.23	4.00	2.80	0.10	nd	CLD		1	2
29-Jan-00	1830	9786	nd	nd	nd	nd	0.10	nd	NIT		1	1
30-Jan-00	845	10414	12.23	11.97	4.10	2.40	0.10	nd	RAN		1	2
30-Jan-00	2200	0	nd	nd	nd	nd	0.10	nd	NIT		1	1
31-Jan-00	1130	3708	11.40	11.33	4.53	3.90	0.10	49.0	CLD		1	2
31-Jan-00	2115	2860	nd	nd	nd	nd	0.10	nd	NIT		1	1
01-Feb-00	915	6452	11.60	12.20	4.50	1.90	0.10	50.0	CLR		1	2
01-Feb-00	1745	2481	nd	nd	nd	nd	0.10	nd	NIT		2	1
02-Feb-00	945	7070	11.67	11.27	4.10	2.40	0.10	50.5	CLR		1	2
02-Feb-00	2000	2908	nd	nd	nd	nd	0.10	nd	NIT		1	1
02-Feb-00	2100	3252	nd	nd	nd	nd	nd	52.0	NIT		1	2
02-Feb-00	2145	3429	nd	nd	nd	nd	nd	52.0	NIT		1	2
02-Feb-00	2200	3469	nd	nd	nd	nd	nd	52.0	NIT		1	2
03-Feb-00	900	6691	11.00	10.33	3.80	1.70	0.10	49.0	CLD		1	2
03-Feb-00	1845	2737	nd	nd	nd	nd	0.10	nd	NIT		1	1
04-Feb-00	845	6669	12.53	12.00	3.88	2.00	0.20	51.0	CLD		1	2
04-Feb-00	2215	3783	nd	nd	nd	nd	0.10	nd	NIT		1	1
05-Feb-00	845	6617	13.31	11.80	3.59	2.40	0.10	50.0	CLR		1	2
05-Feb-00	1900	3018	nd	nd	nd	nd	0.10	nd	NIT		1	1
06-Feb-00	1000	6857	12.63	12.37	5.30	1.60	0.10	50.0	FOG		1	2
06-Feb-00	2000	3310	nd	nd	nd	nd	0.10	nd	NIT		1	1
07-Feb-00	945	7114	12.13	12.07	4.00	2.80	0.10	50.0	CLR		1	2
07-Feb-00	2015	3129	nd	nd	nd	nd	0.10	nd	NIT		1	1
08-Feb-00	915	6784	12.77	12.23	4.00	1.60	0.10	51.0	CLR		1	2
08-Feb-00	2000	3137	nd	nd	nd	nd	0.10	nd	NIT		1	1
09-Feb-00	900	6754	12.07	12.90	3.90	2.10	0.10	51.0	CLD		1	2
09-Feb-00	1900	2824	nd	nd	nd	nd	0.10	50.0	NIT		1	1
09-Feb-00	2015	nd	nd	nd	nd	nd	nd	nd	NIT		1	2
09-Feb-00	2115	3484	nd	nd	nd	nd	0.10	nd	NIT		1	2
10-Feb-00	845	6645	12.43	12.83	3.90	2.70	nd	52.5	CLR		1	2
10-Feb-00	2100	3374	nd	nd	nd	nd	0.10	nd	NIT		3	1
11-Feb-00	945	3479	12.10	12.67	4.20	2.60	0.10	49.0	CLD		1	2
11-Feb-00	2100	3108	nd	nd	nd	nd	0.10	nd	NIT		1	1
12-Feb-00	830	5486	nd	14.67	4.60	63.00	2.65	49.0	CLD		3	2
12-Feb-00	2245	2570	nd	nd	nd	nd	0.70	nd	NIT		1	1
13-Feb-00	900	5349	14.67	13.33	5.50	10.10	0.79	49.5	RAN		1	2
13-Feb-00	1845	2316	nd	nd	nd	nd	2.50	nd	NIT		1	1
13-Feb-00	2200	3004	nd	nd	nd	nd	1.90	nd	NIT		1	2
14-Feb-00	915	5698	18.50	18.27	3.20	31.70	2.60	51.0	RAN		1	2
14-Feb-00	2145	3339	nd	nd	nd	nd	3.30	51.0	NIT		1	1
15-Feb-00	1200	7130	13.63	14.60	2.30	6.30	0.27	50.0	CLR		1	2
15-Feb-00	2315	2635	nd	nd	nd	nd	2.60	nd	NIT		1	1
16-Feb-00	1045	5753	13.23	13.20	2.80	5.40	2.50	50.0	RAN		1	2
16-Feb-00	2015	2449	nd	nd	nd	nd	2.70	50.0	NIT		1	1
17-Feb-00	845	5900	nd	nd	3.70	6.30	2.70	49.0	CLD		1	2
17-Feb-00	1945	2755	nd	nd	nd	nd	2.60	nd	NIT		1	1
18-Feb-00	845	6456	nd	nd	3.40	8.90	2.50	51.0	CLD		1	2
18-Feb-00	2100	9985	nd	nd	nd	nd	3.90	nd	NIT		1	1
18-Feb-00	2215	10321	nd	nd	nd	nd	nd	nd	NIT		1	2
18-Feb-00	2245	nd	nd	nd	nd	nd	nd	nd	NIT		1	2
19-Feb-00	830	2849	14.47	12.87	3.00	4.80	4.20	52.0	FOG		1	2
19-Feb-00	2045	3414	nd	nd	nd	nd	4.20	nd	NIT		1	1
20-Feb-00	815	6828	12.07	11.87	3.40	4.10	4.26	53.0	CLD		1	2
20-Feb-00	1645	2520	nd	nd	nd	nd	4.25	nd	CLD		1	1
21-Feb-00	815	7001	12.80	11.90	3.40	3.50	4.50	52.0	CLR		1	2
21-Feb-00	2100	3634	nd	nd	nd	nd	4.40	53.0	NIT		1	1
22-Feb-00	845	6693	12.67	12.53	2.60	4.00	4.29	51.5	CLD		1	2
22-Feb-00	1930	3325	nd	nd	nd	nd	4.30	nd	NIT		1	1
23-Feb-00	830	7000	12.67	12.03	3.40	8.70	4.80	52.0	CLR		1	2
23-Feb-00	1945	2949	nd	nd	nd	nd	4.10	nd	NIT		1	1
24-Feb-00	815	6340	13.17	12.83	3.10	6.20	4.40	50.0	CLR		1	2
24-Feb-00	1845	2877	nd	nd	nd	nd	4.30	nd	NIT		1	1
25-Feb-00	800	6455	12.63	12.60	2.70	4.10	4.30	50.0	CLR		1	2
25-Feb-00	1830	2875	nd	nd	nd	nd	4.25	53.0	NIT		1	1
26-Feb-00	745	6684	13.30	12.53	4.30	3.50	4.20	51.5	CLD		1	2
26-Feb-00	2015	3320	nd	nd	nd	nd	4.20	nd	NIT		1	1
26-Feb-00	2200	3682	nd	nd	nd	nd	4.20	nd	NIT		1	2
26-Feb-00	2245	3959	nd	nd	nd	nd	4.20	nd	NIT		1	2
27-Feb-00	800	6534	13.30	12.47	3.50	2.80	4.30	nd	CLD		1	2
27-Feb-00	2045	3539	nd	nd	nd	nd	5.15	nd	NIT		1	1
28-Feb-00	1230	7766	12.17	11.57	3.00	7.10	4.50	nd	CLD		1	2
28-Feb-00	2330	813	nd	nd	nd	nd	5.60	nd	NIT		3	1
29-Feb-00	845	nd	13.67	11.67	3.90	9.30	5.90	50.0	RAN		3	2

Oakdale 2000: Environmental and Physical Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
29-Feb-00	1900	2973	nd	nd	nd	nd	6.10	nd	NIT		1	1
01-Mar-00	815	6732	11.00	11.90	3.20	5.80	6.18	52.0	CLR		1	2
01-Mar-00	1545	2053	nd	nd	nd	nd	6.00	nd	CLR		1	1
02-Mar-00	830	6850	13.03	12.00	4.40	5.40	5.85	52.0	CLD		1	2
02-Mar-00	1900	2851	nd	nd	nd	nd	5.80	nd	NIT		1	1
03-Mar-00	845	6989	11.77	12.13	nd	6.90	5.84	50.0	CLR		1	2
03-Mar-00	2115	3425	nd	nd	nd	nd	5.80	nd	NIT		1	1
04-Mar-00	815	6684	12.37	11.77	3.10	3.40	5.80	50.0	CLR	Low	1	2
04-Mar-00	1830	2975	nd	nd	nd	nd	5.80	nd	NIT	Low	1	1
05-Mar-00	945	7236	11.63	14.08	3.59	3.80	5.50	50.5	RAN	Low	1	2
05-Mar-00	2045	2728	nd	nd	nd	nd	nd	nd	NIT	Medium	1	1
05-Mar-00	2200	2918	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
05-Mar-00	2230	nd	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
06-Mar-00	815	5388	15.17	14.63	3.00	6.50	6.30	49.0	CLR	Low	1	2
06-Mar-00	1845	2662	nd	nd	nd	nd	5.90	nd	NIT	Low	1	1
07-Mar-00	815	6095	13.13	14.24	4.30	4.20	5.80	49.0	CLD	Low	1	2
07-Mar-00	1930	2934	nd	nd	nd	nd	5.80	nd	NIT	Low	1	1
08-Mar-00	1215	7215	12.53	14.03	3.30	3.20	5.85	52.0	CLR	Low	1	2
08-Mar-00	2215	2571	nd	nd	nd	nd	5.80	nd	NIT	Low	1	1
09-Mar-00	815	5133	14.40	12.43	nd	3.60	5.82	50.0	CLD	Low	1	2
09-Mar-00	1945	2879	nd	nd	nd	nd	5.60	nd	NIT	Low	1	1
10-Mar-00	830	6131	14.30	13.10	2.70	3.03	5.00	nd	CLR	Low	1	2
10-Mar-00	2215	3575	nd	nd	nd	nd	5.00	nd	NIT	Low	1	1
11-Mar-00	815	6284	12.30	11.73	2.40	1.44	4.94	50.0	CLR	Low	1	2
11-Mar-00	1930	2946	nd	nd	nd	nd	4.90	51.0	NIT	nd	1	1
12-Mar-00	800	6093	13.00	13.67	2.06	2.40	4.90	50.0	FOG	nd	1	1
12-Mar-00	1900	2843	nd	nd	nd	nd	4.80	nd	NIT	Low	1	1
13-Mar-00	815	6280	40.90	38.60	2.40	1.39	4.10	50.0	CLR	Low	1	2
14-Mar-00	800	nd	13.97	41.00	2.60	1.66	4.35	51.0	CLR	Low	1	2
14-Mar-00	2000	nd	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
15-Mar-00	900	nd	14.37	13.90	3.80	1.56	2.45	51.0	CLR	Low	1	2
15-Mar-00	2015	2830	nd	nd	nd	nd	2.35	nd	NIT	Low	1	1
16-Mar-00	830	5969	15.37	14.17	3.29	3.70	2.34	nd	CLR	Low	1	2
16-Mar-00	2000	2637	nd	nd	nd	nd	2.30	nd	NIT	Low	1	1
17-Mar-00	745	5696	14.60	14.47	4.50	1.99	2.33	52.0	CLR	Low	1	2
17-Mar-00	1930	2711	nd	nd	nd	nd	2.38	nd	NIT	Low	1	1
18-Mar-00	845	5946	14.83	14.93	4.10	1.31	2.35	50.0	CLR	Low	1	2
18-Mar-00	2030	2850	nd	nd	nd	nd	2.32	nd	NIT	Low	1	1
18-Mar-00	2215	3112	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
18-Mar-00	2245	3241	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
19-Mar-00	815	5590	14.20	14.03	3.60	1.47	2.36	52.0	CLR	Low	1	1
19-Mar-00	1915	2557	nd	nd	nd	nd	2.32	nd	NIT	Low	1	1
20-Mar-00	800	5559	15.53	15.10	3.50	1.56	2.75	53.0	CLR	Low	1	2
20-Mar-00	1900	2957	nd	nd	nd	nd	1.00	nd	NIT	High	1	1
21-Mar-00	815	6329	13.97	13.07	4.70	2.88	0.90	50.0	CLR	Medium	1	2
21-Mar-00	1945	3123	nd	nd	nd	nd	<0.1	nd	NIT	Low	1	1
22-Mar-00	830	6491	13.87	13.57	5.40	1.26	nd	50.0	CLR	Low	1	2
22-Mar-00	1945	2977	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
23-Mar-00	800	6000	14.13	12.47	3.70	0.99	0.80	51.0	CLR	Low	1	2
23-Mar-00	1945	3047	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
24-Mar-00	815	6212	12.87	13.37	4.40	1.20	0.85	52.0	CLR	Low	1	2
24-Mar-00	1930	2832	nd	nd	nd	nd	0.80	nd	NIT	Low	1	1
25-Mar-00	800	6233	13.87	12.50	5.30	1.10	0.80	51.5	CLR	Low	1	2
25-Mar-00	2100	3700	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
25-Mar-00	2245	3975	nd	nd	nd	nd	0.80	nd	NIT	Low	1	2
25-Mar-00	2330	4378	nd	nd	nd	nd	0.80	nd	NIT	Low	1	2
26-Mar-00	800	6475	12.70	13.63	5.40	0.80	0.85	52.0	CLR	Low	1	2
26-Mar-00	1930	3011	nd	nd	nd	nd	0.88	nd	NIT	Low	1	1
27-Mar-00	815	6353	13.90	13.33	5.30	1.13	0.90	52.0	CLR	Low	1	2
27-Mar-00	1930	3000	nd	nd	nd	nd	0.80	nd	NIT	Low	1	1
28-Mar-00	800	6264	13.23	13.07	nd	1.09	0.88	50.0	CLD	Low	1	2
28-Mar-00	1945	3007	nd	nd	nd	nd	0.86	nd	NIT	Low	1	1
29-Mar-00	845	6323	14.13	12.70	4.10	1.32	0.88	51.0	CLR	Low	1	2
29-Mar-00	1545	nd	nd	nd	nd	nd	nd	nd	CLR	nd	4	0
29-Mar-00	1930	1010	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
30-Mar-00	745	4024	14.37	12.57	2.40	0.92	0.90	52.0	CLR	Low	1	2
30-Mar-00	1930	3210	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
31-Mar-00	800	6368	12.87	12.77	nd	1.76	0.90	52.0	CLR	Low	1	2
31-Mar-00	2115	nd	nd	nd	nd	nd	0.93	nd	NIT	Medium	1	1
01-Apr-00	730	2530	14.57	13.10	2.90	nd	0.90	52.0	CLR	Low	1	1
01-Apr-00	1745	1651	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
02-Apr-00	745	nd	13.33	12.80	5.00	2.45	0.90	52.0	CLR	Low	1	2
02-Apr-00	1845	432	nd	nd	nd	nd	0.80	nd	NIT	Low	1	2
03-Apr-00	745	3571	14.10	13.57	4.50	1.36	0.90	53.5	CLR	Low	1	2
03-Apr-00	1930	3037	nd	nd	nd	nd	0.95	nd	NIT	Low	1	1
04-Apr-00	830	6229	14.00	12.80	5.80	1.49	0.90	53.0	CLR	Low	1	2

Oakdale 2000: Environmental and Physical Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
04-Apr-00	2100	2309	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
05-Apr-00	830	2532	15.63	15.00	5.30	2.23	0.90	53.0	CLR	Low	1	2
05-Apr-00	2100	790	nd	nd	nd	nd	0.90	nd	NIT	Medium	1	1
06-Apr-00	815	2671	15.33	14.30	5.20	2.28	0.90	52.5	CLR	Low	1	2
06-Apr-00	2100	1498	nd	nd	nd	nd	0.90	nd	NIT	Medium	1	1
07-Apr-00	830	1571	12.27	13.97	4.60	2.46	0.90	52.0	CLR	Low	1	2
07-Apr-00	1930	2480	nd	nd	nd	nd	nd	nd	NIT	nd	1	1
08-Apr-00	800	4885	15.33	14.33	5.40	1.29	0.90	53.0	CLR	Low	3	2
08-Apr-00	2115	3072	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
09-Apr-00	815	5428	16.23	14.13	4.70	1.82	1.00	54.0	CLR	nd	1	2
09-Apr-00	1930	2811	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
10-Apr-00	815	5519	16.33	14.00	5.60	0.87	0.90	52.0	CLR	Low	1	2
10-Apr-00	2100	2945	nd	nd	nd	nd	1.20	nd	NIT	Low	1	1
11-Apr-00	815	5214	18.53	19.00	5.00	4.88	1.35	51.0	CLR	Low	1	2
11-Apr-00	2100	2688	nd	nd	nd	nd	1.75	nd	NIT	Low	2	1
12-Apr-00	815	4809	20.67	13.53	nd	2.23	1.85	53.5	CLR	Low	1	2
12-Apr-00	1945	2321	nd	nd	nd	nd	1.80	nd	NIT	Low	1	1
13-Apr-00	815	4741	19.57	17.00	3.70	0.73	1.85	53.0	CLD	Low	1	2
13-Apr-00	1930	2335	nd	nd	nd	nd	1.90	nd	NIT	Low	1	1
14-Apr-00	830	4235	21.67	18.43	3.10	1.41	2.45	52.5	CLD	Low	1	2
14-Apr-00	1930	2375	nd	nd	nd	nd	2.40	nd	NIT	Low	1	1
15-Apr-00	800	4980	16.78	15.25	3.47	0.91	1.68	53.0	CLD	Low	1	2
15-Apr-00	1930	2557	nd	nd	nd	nd	1.58	nd	NIT	Low	1	1
16-Apr-00	730	5090	16.30	15.80	5.10	3.16	1.70	54.0	CLD	Low	1	2
16-Apr-00	1915	2470	nd	nd	nd	nd	1.60	nd	NIT	Low	1	1
17-Apr-00	830	5300	18.00	18.13	3.90	1.94	1.70	52.0	RAN	Low	1	2
17-Apr-00	2045	2408	nd	nd	nd	nd	1.80	nd	NIT	Low	1	1
18-Apr-00	815	4520	19.30	17.63	4.10	1.78	1.70	51.0	CLR	Low	1	2
18-Apr-00	2115	2621	nd	nd	nd	nd	1.65	nd	NIT	Low	1	1
19-Apr-00	815	4984	16.03	14.10	4.90	1.83	0.96	52.0	CLR	Low	1	1
19-Apr-00	2045	2882	nd	nd	nd	nd	0.90	nd	NIT	Low	1	1
20-Apr-00	800	5340	14.10	13.80	4.00	1.23	1.55	51.0	CLR	Low	1	2
20-Apr-00	1930	2302	nd	nd	nd	nd	1.65	nd	NIT	Low	1	1
21-Apr-00	815	4736	20.03	17.97	3.60	0.82	2.40	51.0	CLR	Low	1	2
21-Apr-00	1930	2400	nd	nd	nd	nd	2.40	nd	CLR	Low	1	1
22-Apr-00	730	4839	17.77	18.03	3.60	0.56	2.40	52.0	CLD	Low	1	2
22-Apr-00	1930	nd	nd	nd	nd	nd	2.34	nd	CLR	Low	1	1
23-Apr-00	730	nd	17.90	16.43	3.30	0.57	2.38	51.5	CLR	Low	1	2
23-Apr-00	1915	nd	nd	nd	nd	nd	2.36	nd	CLR	Low	1	1
24-Apr-00	800	nd	16.53	15.43	4.30	2.21	2.39	51.0	CLR	Low	1	2
24-Apr-00	2100	nd	nd	nd	nd	nd	2.30	nd	NIT	Low	1	1
25-Apr-00	800	nd	17.30	15.60	4.30	1.41	2.40	53.0	CLR	Low	1	2
25-Apr-00	1930	nd	nd	nd	nd	nd	2.50	nd	CLR	Low	1	1
26-Apr-00	745	nd	16.73	16.43	4.20	1.08	2.40	52.5	CLR	Low	1	2
26-Apr-00	1945	nd	nd	nd	nd	nd	nd	58.0	NIT	nd	1	2
27-Apr-00	730	nd	17.43	14.43	4.90	1.55	2.40	52.0	CLR	Low	1	2
27-Apr-00	2100	nd	nd	nd	nd	nd	2.40	nd	NIT	Low	1	1
28-Apr-00	745	nd	16.67	15.00	4.80	0.69	2.40	52.0	CLD	Low	1	2
28-Apr-00	1930	nd	nd	nd	nd	nd	2.40	nd	CLR	Low	1	1
29-Apr-00	730	nd	17.07	15.77	3.70	0.69	2.40	53.0	CLR	Low	1	2
29-Apr-00	1945	nd	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
30-Apr-00	730	nd	16.70	15.70	4.10	2.07	2.42	52.0	CLR	Low	1	2
30-Apr-00	1930	nd	nd	nd	nd	nd	2.44	nd	NIT	Low	1	1
01-May-00	815	nd	17.33	15.97	4.00	2.20	2.45	52.0	CLR	Low	1	2
01-May-00	2115	nd	nd	nd	nd	nd	2.45	nd	NIT	Low	1	1
02-May-00	815	nd	17.27	16.10	4.10	1.10	2.45	52.0	CLR	Low	1	2
02-May-00	1930	nd	nd	nd	nd	nd	2.40	nd	CLR	Low	1	1
03-May-00	815	nd	16.70	16.00	3.80	2.60	2.45	52.0	CLR	Low	1	2
03-May-00	1900	nd	nd	nd	nd	nd	2.40	nd	NIT	Low	1	1
04-May-00	800	nd	16.23	16.70	3.90	1.18	2.40	54.0	CLR	Low	1	2
04-May-00	2030	nd	nd	nd	nd	nd	2.45	nd	NIT	Low	1	1
05-May-00	815	nd	17.30	16.27	4.00	1.40	2.45	52.0	CLR	Low	1	2
05-May-00	2000	nd	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
06-May-00	745	nd	17.63	15.63	4.90	1.03	2.40	56.0	CLR	Low	1	2
06-May-00	1915	nd	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
07-May-00	730	nd	18.07	17.07	4.30	1.75	2.50	56.0	CLD	Low	1	2
07-May-00	2030	nd	nd	nd	nd	nd	2.54	nd	NIT	Low	1	1
08-May-00	745	nd	16.63	16.00	3.40	1.41	2.50	58.0	CLD	Low	1	2
08-May-00	1730	nd	nd	nd	nd	nd	2.50	nd	CLR	Low	1	1
09-May-00	815	nd	16.07	15.70	4.00	2.81	2.47	55.0	CLD	Low	1	2
09-May-00	2015	nd	nd	nd	nd	nd	2.50	nd	NIT	Low	1	2
10-May-00	815	nd	16.07	15.10	4.10	1.50	3.50	56.5	CLR	Low	1	2
10-May-00	2000	nd	nd	nd	nd	nd	2.46	nd	CLR	nd	1	1
11-May-00	915	nd	15.07	14.53	3.40	0.78	2.50	52.0	CLR	Low	1	2
12-May-00	730	nd	18.33	16.01	3.90	2.18	2.48	56.0	CLR	Low	1	2
12-May-00	1730	nd	nd	nd	nd	nd	2.40	nd	CLR	Low	1	1

Oakdale 2000: Environmental and Physical Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
13-May-00	800	nd	16.00	15.57	4.30	0.58	2.50	55.0	CLR	Low	1	2
13-May-00	1915	2404	nd	nd	nd	nd	2.46	nd	CLR	Low	1	1
14-May-00	730	4933	16.30	15.20	2.50	1.08	2.49	55.0	CLR	Low	1	2
14-May-00	1915	7518	nd	nd	nd	nd	2.40	nd	CLD	Low	1	1
15-May-00	745	10243	16.30	16.17	5.00	1.66	2.48	56.0	CLD	Low	1	2
15-May-00	1900	2458	nd	nd	nd	nd	2.50	nd	RAN	Low	1	1
16-May-00	730	5147	16.92	16.07	5.00	0.85	2.60	58.0	CLD	Low	1	2
16-May-00	1915	nd	nd	nd	nd	nd	2.50	nd	CLD	Low	1	1
17-May-00	730	5195	16.17	15.37	3.30	1.70	2.50	58.0	CLD	Low	1	2
17-May-00	1915	2572	nd	nd	nd	nd	2.45	nd	CLR	Low	1	1
18-May-00	745	3436	14.87	13.97	4.80	0.50	2.50	56.5	CLR	Low	1	2
18-May-00	2100	nd	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
19-May-00	745	2495	15.37	15.00	4.40	0.85	2.50	56.0	CLR	Low	1	2
19-May-00	1915	6695	nd	nd	nd	nd	2.50	nd	CLR	Low	1	1
19-May-00	2145	7222	nd	nd	nd	nd	2.50	nd	NIT	Low	1	2
20-May-00	800	9580	15.87	13.80	4.90	1.90	2.50	52.0	CLR	Low	1	2
20-May-00	1915	6600	nd	nd	nd	nd	2.50	nd	CLR	Low	1	1
20-May-00	2330	7575	nd	nd	nd	nd	2.50	nd	NIT	Low	1	2
21-May-00	730	9385	15.63	16.03	4.90	1.20	2.50	54.5	CLR	Low	1	2
21-May-00	1915	7641	nd	nd	nd	nd	2.40	nd	CLR	Low	1	1
22-May-00	945	10675	17.37	13.93	4.70	1.40	2.47	55.5	CLR	nd	1	2
22-May-00	1930	nd	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
23-May-00	730	3616	14.40	14.53	2.30	1.80	2.40	54.0	CLR	Low	1	2
23-May-00	1915	6837	nd	nd	nd	nd	nd	nd	NIT	Low	1	1
24-May-00	815	9878	15.53	14.37	3.20	1.50	2.45	55.0	CLD	Low	1	2
24-May-00	1945	547	nd	nd	nd	nd	2.45	nd	NIT	Low	1	1
25-May-00	915	3690	15.03	14.53	4.40	0.70	2.42	52.0	CLR	Low	1	2
25-May-00	1930	7292	nd	nd	nd	nd	2.40	nd	NIT	Low	1	1
26-May-00	1100	4616	15.57	13.87	3.50	0.95	2.40	55.0	CLR	Low	1	2
27-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
28-May-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-00	1830	ns	ns	ns	ns	ns	ns	ns	ns	ns	4	0
30-May-00	830	4756	11.13	10.93	4.60	1.40	2.50	55.0	CLR	Low	1	1
30-May-00	1900	5386	nd	nd	nd	nd	2.50	nd	NIT	Low	1	1
31-May-00	730	9302	11.83	10.73	4.10	0.40	2.40	55.5	CLR	Low	1	2
31-May-00	1415	nd	nd	nd	see notes	nd	nd	nd	CLR	nd	1	1
31-May-00	1645	nd	nd	nd	nd	nd	2.50	nd	CLR	Low	1	2
31-May-00	2130	nd	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
31-May-00	2300	nd	nd	nd	nd	nd	nd	nd	NIT	nd	1	2
01-Jun-00	730	19998	11.50	11.67	4.50	0.30	2.50	54.0	CLR	Low	1	2
01-Jun-00	1900	6770	nd	nd	nd	nd	2.48	nd	CLR	Low	1	1
02-Jun-00	930	11148	11.60	11.53	4.50	0.45	2.50	56.5	CLR	Low	1	2
03-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05-Jun-00	730	4831	12.1666667	12.6	4.6	0.8	2.4	57	CLR	Low	1	1
05-Jun-00	2030	9671	nd	nd	nd	nd	2.45	nd	NIT	Low	1	1
06-Jun-00	730	nd	13.30	12.47	4.30	0.90	2.40	55.0	CLR	Low	1	2
07-Jun-00	1045	10332	12.23	11.40	4.40	2.60	2.50	56.0	CLR	Low	1	1
08-Jun-00	745	13378	11.70	11.87	4.80	1.70	2.50	56.0	RAN	nd	1	1
09-Jun-00	815	8822	10.87	10.47	4.60	0.90	2.50	56.0	CLR	Low	1	1
10-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
11-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
12-Jun-00	745	nd	11.30	9.77	3.40	0.60	2.48	56.0	CLR	Low	1	1
13-Jun-00	715	nd	10.67	10.70	4.20	0.80	2.10	56.0	CLR	High	1	1
14-Jun-00	745	nd	10.33	9.67	4.20	0.80	1.65	58.0	CLR	Medium	1	1
15-Jun-00	730	nd	9.67	9.37	5.10	1.60	1.20	57.5	CLR	Medium	1	1
16-Jun-00	745	nd	9.50	9.30	4.40	1.60	0.70	58.0	CLR	Medium	1	1
16-Jun-00	1145	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
17-Jun-00	745	7603	9.53	9.23	5.70	1.50	0.75	60.0	CLR	High	1	1
17-Jun-00	1945	ns	ns	ns	ns	ns	ns	ns	ns	ns	4	0
18-Jun-00	745	4490	9.30	9.33	4.80	2.00	0.75	58.0	CLR	High	1	1
18-Jun-00	1800	ns	ns	ns	ns	ns	ns	ns	ns	ns	4	0
19-Jun-00	745	5338	9.73	9.77	4.30	2.10	0.40	59.0	CLR	Medium	1	1
20-Jun-00	730	7993	10.07	9.73	4.20	2.20	0.20	62.0	CLR	High	1	1
21-Jun-00	745	8630	10.87	10.50	4.40	1.20	0.10	62.0	CLR	nd	1	1
22-Jun-00	745	7573	12.40	12.13	2.70	1.50	0.10	63.5	CLR	Medium	1	1
23-Jun-00	745	1786	13.60	12.47	5.00	2.10	0.10	63.0	CLR	Medium	3	1
24-Jun-00	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
25-Jun-00	1745	ns	ns	ns	ns	ns	ns	ns	ns	ns	4	0
26-Jun-00	745	3763	13.43	12.87	4.70	1.20	0.70	64.0	CLR	High	1	1
27-Jun-00	745	2068	17.67	15.67	4.30	1.80	0.10	64.0	CLR	High	3	1
28-Jun-00	745	6268	13.53	13.27	4.90	4.60	0.10	64.0	CLR	High	1	1
29-Jun-00	730	6364	13.23	12.40	4.00	2.50	0.10	64.5	CLR	High	1	1
30-Jun-00	745	6421	13.50	12.70	5.00	0.35	0.10	64.0	CLR	High	1	1

Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 1998 2000 Leap Year Date	Julian Week	2000 Number Captured	1999 Number Captured	1998 Number Captured	1996 Number Captured	1995 Number Captured	1993 Number Captured	2000 Mean Length (mm)	1999 Mean Length (mm)	1998 Mean Length (mm)	1996 Mean Length (mm)	1995 Mean Length (mm)	1993 Mean Length (mm)
16-Dec	16-Dec	51	25	-	-	-	-	-	33.92	-	-	-	-	-
17-Dec	17-Dec	51	6	-	-	-	-	-	34.67	-	-	-	-	-
18-Dec	18-Dec	51	18	-	-	-	-	-	35.28	-	-	-	-	-
19-Dec	19-Dec	51	ns	-	-	-	-	-	-	-	-	-	-	-
20-Dec	20-Dec	51	9	-	-	-	-	-	36.33	-	-	-	-	-
21-Dec	21-Dec	51	11	-	-	-	-	-	35.36	-	-	-	-	-
22-Dec	22-Dec	51	2	-	-	-	-	-	37.5	-	-	-	-	-
23-Dec	23-Dec	51	7	-	-	-	-	-	33.86	-	-	-	-	-
24-Dec	24-Dec	52	ns	-	-	-	-	-	-	-	-	-	-	-
25-Dec	25-Dec	52	ns	-	-	-	-	-	-	-	-	-	-	-
26-Dec	26-Dec	52	ns	-	-	-	-	-	-	-	-	-	-	-
27-Dec	27-Dec	52	ns	-	-	-	-	-	-	-	-	-	-	-
28-Dec	28-Dec	52	50	-	-	-	-	-	34.68	-	-	-	-	-
29-Dec	29-Dec	52	25	-	-	-	-	-	34.52	-	-	-	-	-
30-Dec	30-Dec	52	15	-	-	-	-	-	35.67	-	-	-	-	-
31-Dec	31-Dec	52	7	-	-	-	-	-	34.14	-	-	-	-	-
01-Jan	01-Jan	1	ns	-	-	-	-	-	-	-	-	-	-	-
02-Jan	02-Jan	1	ns	-	-	-	-	-	-	-	-	-	-	-
03-Jan	03-Jan	1	89	-	-	-	-	-	34.54	-	-	-	-	-
04-Jan	04-Jan	1	205	-	-	-	-	-	34.2	-	-	-	-	-
05-Jan	05-Jan	1	193	-	-	-	-	-	34.62	-	-	-	-	-
06-Jan	06-Jan	1	271	-	-	-	-	-	35.44	-	-	-	-	-
07-Jan	07-Jan	1	226	-	-	-	-	-	34.78	-	-	-	-	-
08-Jan	08-Jan	2	212	-	-	-	-	-	34.98	-	-	-	-	-
09-Jan	09-Jan	2	238	-	-	-	-	-	35.64	-	-	-	-	-
10-Jan	10-Jan	2	903	-	-	-	-	-	35.04	-	-	-	-	-
11-Jan	11-Jan	2	535	-	-	-	-	-	35.42	-	-	-	-	-
12-Jan	12-Jan	2	16	-	-	-	-	-	34.19	-	-	-	-	-
13-Jan	13-Jan	2	230	-	-	-	-	-	35.27	-	-	-	-	-
14-Jan	14-Jan	2	232	-	-	-	-	-	34.76	-	-	-	-	-
15-Jan	15-Jan	3	159	-	-	-	-	-	36.18	-	-	-	-	-
16-Jan	16-Jan	3	181	-	-	-	-	-	35.63	-	-	-	-	-
17-Jan	17-Jan	3	193	-	-	-	-	-	36.84	-	-	-	-	-
18-Jan	18-Jan	3	146	337	-	-	-	-	34.56	35	-	-	-	-
19-Jan	19-Jan	3	712	893	-	-	-	-	36.08	34.82	-	-	-	-
20-Jan	20-Jan	3	153	59	-	-	-	-	35.33		-	-	-	-
21-Jan	21-Jan	3	475	984	-	-	-	-	36.06	34.34	-	-	-	-
22-Jan	22-Jan	4	426	98	-	-	-	-	37.15		-	-	-	-
23-Jan	23-Jan	4	84	125	-	-	-	-	35.35	35.76	-	-	-	-
24-Jan	24-Jan	4	162	202	-	-	-	-	34.81	35.82	-	-	-	-
25-Jan	25-Jan	4	28173	331	-	-	-	-	35.95	35	-	-	-	-
26-Jan	26-Jan	4	22595	230	-	-	-	-	37.53	35.33	-	-	-	-
27-Jan	27-Jan	4	5043	128	491	-	-	-	36.67	34.82	36.88	-	-	-
28-Jan	28-Jan	4	4722	226	2078	-	-	-	38.54	34.59	37.87	-	-	-
29-Jan	29-Jan	5	3388	272	934	-	-	-	40.83	35.1	35.90	-	-	-
30-Jan	30-Jan	5	279	306	346	-	-	-	40.38	35.14	35.94	-	-	-
31-Jan	31-Jan	5	178	152	839	-	-	-	37.44	34.84	35.40	-	-	-
01-Feb	01-Feb	5	2627	639	1027	-	-	-	36.93	34.68	34.96	-	-	-
02-Feb	02-Feb	5	1515	777	1401	1046	-	-	38.51	34.66	35.48	35.9	-	-
03-Feb	03-Feb	5	1366	518	231	493	-	-	36.72	35.58	ns	34.7	-	-
04-Feb	04-Feb	5	81	480	ns	104	-	-	36.02	35.36	ns	36.3	-	-
05-Feb	05-Feb	6	4627	425	ns	ND	-	-	36.26	35.12	ns	-	-	-
06-Feb	06-Feb	6	2309	433	ns	5452	-	-	37.35	35.1	ns	35.4	-	-
07-Feb	07-Feb	6	1727	207	ns	2289	-	-	35.89	34.58	ns	-	-	-
08-Feb	08-Feb	6	359	821	ns	595	-	-	35.68	35.26	ns	35.5	-	-
09-Feb	09-Feb	6	513	746	ns	194	-	-	37.2	34.75	ns	37.2	-	-
10-Feb	10-Feb	6	282	577	ns	222	-	-	35.47	35.86	ns	37.5	-	-
11-Feb	11-Feb	6	1963	352	ns	1305	-	-	37.99	35.87	ns	-	-	-
12-Feb	12-Feb	7	2513	210	331	1449	-	-	36.54	35.63	38.75	35.4	-	-
13-Feb	13-Feb	7	6868	284	538	1179	-	-	35.49	35.23	35.18	-	-	-
14-Feb	14-Feb	7	8931	549	404	200	-	-	37.29	34.76	36.64	-	-	-
15-Feb	15-Feb	7	2287	393	699	75	-	-	37.04	35.58	35.22	-	-	-
16-Feb	16-Feb	7	1466	516	377	112	-	-	36.59	36.56	37.00	-	-	-
17-Feb	17-Feb	7	815	421	291	196	-	-	37.07	33.82	36.45	-	-	-
18-Feb	18-Feb	7	1000	329	269	188	-	-	35.94	35.62	37.12	-	-	-
19-Feb	19-Feb	8	690	280	177	109	-	-	35.72	35.84	36.39	36.2	-	-
20-Feb	20-Feb	8	182	463	342	18	-	-	36.22	35.24	36.50	-	-	-
21-Feb	21-Feb	8	351	326	130	ND	-	-	37.09	34.42	36.16	-	-	-
22-Feb	22-Feb	8	840	341	193	ND	-	-	35.57	37.34	36.02	-	-	-
23-Feb	23-Feb	8	399	330	106	ND	-	-	35.44	36.44	36.22	-	-	-
24-Feb	24-Feb	8	543	202	193	65	-	-	35.86	34.92	37.32	-	-	-
25-Feb	25-Feb	8	287	166	83	71	-	-	37.26	35.7	37.96	-	-	-
26-Feb	26-Feb	9	138	146	170	21	-	-	39.1	35.78	38.92	34.9	-	-
27-Feb	27-Feb	9	158	123	139	51	-	-	36.93	35.65	40.04	-	-	-
28-Feb	28-Feb	9	238	150	126	47	-	-	36.77	35.45	39.60	-	-	-
x	29-Feb	9	23	x	x	22	x	x	49.2	x	x	37.6	x	x
01-Mar	01-Mar	9	73	127	131	49	-	-	37.2	35.75	37.62	-	-	-
02-Mar	02-Mar	9	44	271	105	ND	-	-	36.73	36.15	36.44	-	-	-
03-Mar	03-Mar	9	40	113	128	26	-	-	38.98	38.38	36.55	-	-	-
04-Mar	04-Mar	9	54	353	159	ND	-	-	37.59	36.81	42.34	-	-	-
05-Mar	05-Mar	10	42	330	214	25	-	-	36.71	36.1	46.61	37.3	-	-
06-Mar	06-Mar	10	26	221	156	34	-	-	41.54	36.54	41.22	-	-	-
07-Mar	07-Mar	10	29	298	374	5	-	-	40.07	38.02	47.06	41.8	-	-
08-Mar	08-Mar	10	18	280	137	18	-	-	46.17	45.22	46.86	41.6	-	-
09-Mar	09-Mar	10	27	187	311	12	-	-	39.11	40.84	50.64	45.8	-	-
10-Mar	10-Mar	10	16	466	228	13	-	-	43.44	41.12	50.24	41.8	-	-
11-Mar	11-Mar	10	43	241	183	6	-	-	41.25	43.49	46.17	49.3	-	-
12-Mar	12-Mar	11	55	391	157	4	-	-	46.81	38.26	47.68	42.5	-	-
13-Mar	13-Mar	11	45	338	47	21	-	-	50.27	47.71	50.65	40.9	-	-
14-Mar	14-Mar	11	17	249	59	9	-	-	49.53	43.73	41.96	55.5	-	-
15-Mar	15-Mar	11	58	114	70	3	-	-	50.55	43.86	51.56	41.7	-	-
16-Mar	16-Mar	11	142	143	109	15	-	-	49.3	41.06	65.40	42.5	-	-
17-Mar	17-Mar	11	135	137	153	5	-	-	49.91	40.16	59.10	47.0	-	-
18-Mar	18-Mar	11	150	108	168	8	543	-	52.56	44.66	57.72	65.9	-	-
19-Mar	19-Mar	12	153	ns	147	10	653	-	51.77	-	57.49	45.4	60	-

Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 Number Captured	1999 Number Captured	1998 Number Captured	1996 Number Captured	1995 Number Captured	1993 Number Captured	2000 Mean Length (mm)	1999 Mean Length (mm)	1998 Mean Length (mm)	1996 Mean Length (mm)	1995 Mean Length (mm)	1993 Mean Length (mm)
20-Mar	20-Mar	12	86	92	27	3	392	-	52.57	42.87	41.15	47.5	56.9	-
21-Mar	21-Mar	12	57	150	8	3	330	-	60.33	42.87	47.50	45.7	61.7	-
22-Mar	22-Mar	12	108	209	12	3	268	-	57.36	44.18	56.92	67.0	-	-
23-Mar	23-Mar	12	198	69	17	4	243	-	58.18	52.58	57.00	90.0	ND	-
24-Mar	24-Mar	12	82	ns	27	4	217	-	58.69	-	55.19	72.5	-	-
25-Mar	25-Mar	12	169	37	59	18	565	-	60.37	52.14	60.77	73.6	56.1	-
26-Mar	26-Mar	13	164	176	135	30	1062	-	60.24	48.62	65.80	75.5	59.5	-
27-Mar	27-Mar	13	73	170	73	77	616	-	59.11	49.91	65.90	79.2	59.6	-
28-Mar	28-Mar	13	29	144	103	79	692	-	59.34	48.49	64.45	76.7	63.7	-
29-Mar	29-Mar	13	27	78	104	149	474	-	62.74	55.9	61.76	71.6	62.4	-
30-Mar	30-Mar	13	9	43	127	238	197	-	60.78	58.85	69.49	76.9	59.9	-
31-Mar	31-Mar	13	17	35	107	284	140	-	61.94	63.5	72.65	82.4	59.8	-
01-Apr	01-Apr	13	41	84	67	262	75	-	68.08	60.6	65.80	78.5	65.3	-
02-Apr	02-Apr	14	66	92	52	200	104	-	64.52	58.86	64.18	81.1	67.3	-
03-Apr	03-Apr	14	55	39	78	332	133	-	64.3	64.36	68.28	77.5	66.4	-
04-Apr	04-Apr	14	47	58	65	265	103	-	65.79	55.82	71.84	80.5	67.6	-
05-Apr	05-Apr	14	37	38	47	248	113	-	62.7	63.44	71.02	79.5	68.4	-
06-Apr	06-Apr	14	46	26	46	249	77	-	67.29	57.96	69.09	79.4	74.1	-
07-Apr	07-Apr	14	41	49	154	188	67	-	67.34	56.53	69.92	80.3	71.6	-
08-Apr	08-Apr	14	36	56	49	160	295	-	64.61	62.38	66.47	81.9	74.1	-
09-Apr	09-Apr	15	58	114	17	104	242	-	68.48	58.04	73.65	82.9	77.2	-
10-Apr	10-Apr	15	41	116	23	135	314	-	67.73	58.2	69.22	80.7	77.5	-
11-Apr	11-Apr	15	44	72	10	114	239	-	67.82	63.74	67.70	82.7	75.6	-
12-Apr	12-Apr	15	28	110	27	79	62	-	66.04	65.22	76.00	84.9	74.6	-
13-Apr	13-Apr	15	16	132	20	129	74	-	68.12	61.08	79.30	83.3	76.8	-
14-Apr	14-Apr	15	4	110	30	239	95	-	67	59.06	79.27	84.0	72.4	-
15-Apr	15-Apr	15	15	127	17	158	115	-	67.27	61.56	75.53	86.5	76.4	-
16-Apr	16-Apr	16	15	88	14	118	24	-	68.6	62.76	78.43	90.2	80.2	-
17-Apr	17-Apr	16	17	69	31	212	66	-	68.29	60.08	75.42	83.8	81.7	-
18-Apr	18-Apr	16	21	41	33	155	22	-	70.38	63.41	75.00	87.7	84.4	-
19-Apr	19-Apr	16	39	27	37	295	46	-	70.51	64.96	77.76	84.3	82.6	-
20-Apr	20-Apr	16	45	16	38	194	22	-	68.87	62	82.24	86.4	80.9	-
21-Apr	21-Apr	16	15	3	51	152	39	-	72.27	68.67	80.10	84.2	82.2	-
22-Apr	22-Apr	16	7	26	46	340	54	22	69.57	65.81	80.52	88.6	80.5	80.6
23-Apr	23-Apr	17	5	14	34	315	36	30	73.2	67.64	82.29	89.3	76.8	86
24-Apr	24-Apr	17	14	23	20	297	42	40	72.79	70.83	87.35	89.5	82.1	88.2
25-Apr	25-Apr	17	15	57	42	415	48	11	76.47	64.24	83.83	87.2	69.3	82.7
26-Apr	26-Apr	17	12	69	36	704	47	0	74.08	67.94	82.00	89.1	76.4	-
27-Apr	27-Apr	17	12	49	91	584	21	51	74.5	66.53	89.66	89.8	83.4	88.1
28-Apr	28-Apr	17	7	265	114	727	27	-	76.86	80.98	81.58	91.8	81.6	-
29-Apr	29-Apr	17	10	156	103	686	19	-	74.7	73.96	85.78	91.3	85.7	-
30-Apr	30-Apr	18	9	75	125	655	20	7	72.89	72.2	82.00	92.7	86.3	81.7
01-May	01-May	18	10	64	141	619	20	5	76.8	77.26	83.78	91.0	87.7	91.6
02-May	02-May	18	8	126	49	248	33	11	75.25	78.79	78.16	92.6	91	87.7
03-May	03-May	18	8	36	124	496	46	-	79	73	84.69	90.3		-
04-May	04-May	18	5	154	76	426	69	9	86	76.36	84.44	89.1	89.4	91.2
05-May	05-May	18	10	179	88	566	28	1	81.2	74.16	82.42	92.1	87.9	88
06-May	06-May	18	6	218	130	556	35	6	79.67	72.4	85.18	91.1	91	90.6
07-May	07-May	19	5	196	286	Trap Out	34	7	81.6	77.18	84.60	-	91.7	97.6
08-May	08-May	19	14	152	302	Trap Out	41	-	79.5	70.36	85.48	-	92.4	-
09-May	09-May	19	23	195	160	Trap Out	49	-	81.65	75.7	86.44	-	93.4	-
10-May	10-May	19	10	89	318	Trap Out	22	25	77.4	75.12	83.49	-	92.4	92.9
11-May	11-May	19	10	106	432	Trap Out	36	-	78.9	75.92	85.66	-	92.8	-
12-May	12-May	19	21	143	208	Trap Out	78	20	80.3	77.02	86.78	-	95.8	97.3
13-May	13-May	19	17	168	159	Trap Out	49	-	81.12	74.89	85.08	-	94.1	-
14-May	14-May	20	5	137	281	218	76	-	86.6	75.64	88.72	92.2	97.5	-
15-May	15-May	20	1	142	568	192	27	20	72	75.7	87.60	97.8	98.2	93.2
16-May	16-May	20	7	110	398	14	38	7	87.29	72.9	86.72	95.7	98.1	89.7
17-May	17-May	20	15	123	352	92	65	2	87.69	76.5	88.86	94.2	95.9	82.5
18-May	18-May	20	46	103	278	132	75	52	86.04	77.54	87.12	95.6	95.5	96.2
19-May	19-May	20	46	120	220	101	81	36	84	77.46	86.16	96.4	96	98.2
20-May	20-May	20	41	118	118	148	82	-	84.39	76.42	85.26	95.2	97.2	-
21-May	21-May	21	27	230	ns	113	49	-	85.3	79.52	ns	97.7	97.8	-
22-May	22-May	21	36	93	ns	108	25	-	84.03	78	ns	92.8	97.9	-
23-May	23-May	21	12	113	ns	164	52	7	91.83	77.44	ns	94.3	98	90
24-May	24-May	21	15	128	ns	176	27	2	84.07	78.18	ns	93.5	99.6	91.5
25-May	25-May	21	4	76	ns	0	30	-	84.75	79.3	ns	-	100.1	-
26-May	26-May	21	16	50	ns	94	27	13	86.56	79.8	ns	95.0	99.3	99.8
27-May	27-May	21	ns	151	157	71	18	23	-	80.48	87.74	92.9	101.5	97.1
28-May	28-May	22	ns	231	100	110	13	18	-	82.34	89.70	94.6	101	96.4
29-May	29-May	22	ns	ns	82	81	6	34	-	ns	90.46	96.0	102	96.6
30-May	30-May	22	28	ns	49	99	22	-	88.82	ns	89.39	96.5	103.5	-
31-May	31-May	22	28	ns	236	16	11	3	88.79	ns	89.50	96.1	105.2	102.3
01-Jun	01-Jun	22	59	63	91	56	12	12	89.03	80.4	90.48	96.5	101.9	97.8
02-Jun	02-Jun	22	20	54	34	37	8	19	93.45	80.69	89.47	96.0	103.8	99.2
03-Jun	03-Jun	22	ns	116	37	23	49	11	-	81.49	87.62	93.8	104.9	98.3
04-Jun	04-Jun	23	ns	133	162	8	35	1	-	82.88	89.84	95.0	103.4	95
05-Jun	05-Jun	23	0	73	64	9	15	5	-	83.44	90.16	96.7	106.3	108.2
06-Jun	06-Jun	23	3	53	112	4	17	11	93	82.68	91.48	101.5	101.9	99.2
07-Jun	07-Jun	23	4	76	16	27	24	4	89.25	84.68	92.06	96.1	106.1	99
08-Jun	08-Jun	23	8	41	24	38	15	21	99.12	83.63	90.58	97.1	106.6	100.6
09-Jun	09-Jun	23	10	55	131	0	18	18	93.7	83.92	92.72	-	99.6	92.4
10-Jun	10-Jun	23	ns	21	31	-	9	8	-	83.67	93.32	-	101.2	95.4
11-Jun	11-Jun	24	ns	26	29	-	17	4	-	84.31	92.62	-	105.7	86.5
12-Jun	12-Jun	24	5	ns	34	-	11	6	93.4	ns	91.59	-	101.9	94
13-Jun	13-Jun	24	9	ns	6	-	12	8	94.56	ns	100.83	-	94.7	87.9
14-Jun	14-Jun	24	15	19	123	-	8	21	97.27	88.32	95.69	-	105	92
15-Jun	15-Jun	24	15	21	28	-	3	7	95.53	88.71	93.93	-	106.6	89.9
16-Jun	16-Jun	24	2	15	17	-	0	7	84.5	87.13	94.88	-	108.3	85.8
17-Jun	17-Jun	24	9	26	0	-	2	-	96.56	86.7	-	-		-
18-Jun	18-Jun	25	4	16	5	-	4	-	89.75	88.31	94.80	-	115.5	-
19-Jun	19-Jun	25	14	ns	2	-	2	10	92.29	ns	102.00	-	99.5	88.6
20-Jun	20-Jun	25	1	ns	14	-	3	2	99	ns	96.07	-	98	94
21-Jun	21-Jun	25	4	17	ns	-	4	1	100.5	88.24	ns	-	109.3	86
22-Jun	22-Jun	25	1	13	ns	-	3	3	104	91.69	ns	-	106.5	90

Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 Number Captured	1999 Number Captured	1998 Number Captured	1996 Number Captured	1995 Number Captured	1993 Number Captured	2000 Mean Length (mm)	1999 Mean Length (mm)	1998 Mean Length (mm)	1996 Mean Length (mm)	1995 Mean Length (mm)	1993 Mean Length (mm)
23-Jun	23-Jun	25	0	16	ns	-	3	0	-	88.19	ns	-	102.7	-
24-Jun	24-Jun	25	ns	28	ns	-	4	4	-	93.18	ns	-	98	96.3
25-Jun	25-Jun	26	ns	30	8	-	0	4	-	88.23	96.25	-	106	90.5
26-Jun	26-Jun	26	1	ns	3	-	2	3	93	ns	98.33	-	-	-
27-Jun	27-Jun	26	0	ns	ns	-	-	3	-	ns	ns	-	97	96.3
28-Jun	28-Jun	26	1	16	ns	-	-	2	88	93.44	ns	-	-	97.5
29-Jun	29-Jun	26	0	30	0	-	-	0	-	94.57	-	-	-	-
30-Jun	30-Jun	26	1	27	0	-	-	-	72	91.31	-	-	-	-
01-Jul	01-Jul	26	-	-	3	-	-	-	-	-	101.33	-	-	-
02-Jul	02-Jul	27	-	-	2	-	-	-	-	-	91.50	-	-	-
03-Jul	03-Jul	27	-	-	1	-	-	-	-	-	105.00	-	-	-
04-Jul	04-Jul	27	-	-	ns	-	-	-	-	-	ns	-	-	-
05-Jul	05-Jul	27	-	-	ns	-	-	-	-	-	ns	-	-	-
06-Jul	06-Jul	27	-	-	ns	-	-	-	-	-	ns	-	-	-
07-Jul	07-Jul	27	-	-	2	-	-	-	-	-	106.50	-	-	-
08-Jul	08-Jul	27	-	-	1	-	-	-	-	-	93.00	-	-	-
09-Jul	09-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
10-Jul	10-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
11-Jul	11-Jul	28	-	-	ns	-	-	-	-	-	ns	-	-	-
12-Jul	12-Jul	28	-	-	ns	-	-	-	-	-	ns	-	-	-
13-Jul	13-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
14-Jul	14-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-
15-Jul	15-Jul	28	-	-	0	-	-	-	-	-	-	-	-	-

Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 River Flow (cfs)	1999 River Flow (cfs)	1998 River Flow (cfs)	1996 River Flow (cfs)	1995 River Flow (cfs)	1993 River Flow (cfs)	2000 Turbidity (NTU's)	1999 Turbidity (NTU's)	1998 Turbidity (NTU's)	1996 Turbidity (NTU's)
16-Dec	16-Dec	51	349	385	265	3643	-	256	0.7	-	-	-
17-Dec	17-Dec	51	350	391	265	3624	240	258	1.2	-	-	-
18-Dec	18-Dec	51	350	391	265	3601	266	257	0.9	-	-	-
19-Dec	19-Dec	51	349	382	265	3612	284	257	ns	-	-	-
20-Dec	20-Dec	51	347	381	265	3636	286	259	2.2	-	-	-
21-Dec	21-Dec	51	347	386	266	4223	287	258	1.1	-	-	-
22-Dec	22-Dec	51	344	385	267	4855	289	257	0.6	-	-	-
23-Dec	23-Dec	51	336	382	265	3827	290	257	0.8	-	-	-
24-Dec	24-Dec	52	338	491	265	3677	288	266	ns	-	-	-
25-Dec	25-Dec	52	335	639	267	3594	288	260	ns	-	-	-
26-Dec	26-Dec	52	334	638	270	3590	287	257	ns	-	-	-
27-Dec	27-Dec	52	334	636	269	3934	287	256	nd	-	-	-
28-Dec	28-Dec	52	334	638	268	5253	286	259	1	-	-	-
29-Dec	29-Dec	52	340	637	268	5282	297	258	0.8	-	-	-
30-Dec	30-Dec	52	337	637	267	5712	374	257	0.7	-	-	-
31-Dec	31-Dec	52	334	640	268	5759	311	257	1.1	-	-	-
01-Jan	01-Jan	1	334	642	266	296	257	258	ns	-	-	-
02-Jan	02-Jan	1	334	640	273	295	255	270	nd	-	-	-
03-Jan	03-Jan	1	335	636	271	284	257	216	1	-	-	-
04-Jan	04-Jan	1	338	636	371	285	290	206	0.7	-	-	-
05-Jan	05-Jan	1	333	636	302	288	376	203	0.5	-	-	-
06-Jan	06-Jan	1	332	618	273	287	344	208	0.7	-	-	-
07-Jan	07-Jan	1	336	625	274	287	885	425	0.6	-	-	-
08-Jan	08-Jan	2	335	637	273	286	651	388	0.4	-	-	-
09-Jan	09-Jan	2	334	638	273	287	323	342	1.5	-	-	-
10-Jan	10-Jan	2	332	639	365	292	535	519	nd	-	-	-
11-Jan	11-Jan	2	335	637	450	295	851	257	1.2	-	-	-
12-Jan	12-Jan	2	343	633	1619	-	355	233	1.6	-	-	-
13-Jan	13-Jan	2	337	632	2419	284	341	775	0.9	-	-	-
14-Jan	14-Jan	2	334	641	1532	283	383	1390	1.1	-	-	-
15-Jan	15-Jan	3	337	765	2038	284	483	1333	1.1	-	-	-
16-Jan	16-Jan	3	339	1152	2612	490	384	747	1.2	-	-	-
17-Jan	17-Jan	3	346	1157	1618	383	293	1000	1.2	-	-	-
18-Jan	18-Jan	3	351	1192	1313	311	272	2850	3.4	5.0	-	-
19-Jan	19-Jan	3	340	1428	1521	435	262	1137	1.2	7.4	-	-
20-Jan	20-Jan	3	344	2037	1274	321	260	568	1.7	25.0	-	-
21-Jan	21-Jan	3	343	2471	1160	378	261	745	1.1	8.9	-	-
22-Jan	22-Jan	4	342	2888	996	324	269	948	0.4	6.0	-	-
23-Jan	23-Jan	4	343	3052	843	302	341	559	0.7	6.6	-	-
24-Jan	24-Jan	4	447	2901	833	298	743	529	2	6.2	-	-
25-Jan	25-Jan	4	752	2876	825	730	1031	516	25.6	4.6	-	-
26-Jan	26-Jan	4	389	3276	1036	334	920	249	11.2	2.3	-	-
27-Jan	27-Jan	4	352	3607	1366	438	2019	225	4.5	4.6	8.6	-
28-Jan	28-Jan	4	342	3399	1365	619	2114	224	10	4.2	7.9	-
29-Jan	29-Jan	5	339	2930	1606	503	1620	216	2.8	3.2	6.5	-
30-Jan	30-Jan	5	347	2303	2623	492	645	214	2.4	3.9	10.2	-
31-Jan	31-Jan	5	368	2057	2629	620	278	217	3.9	1.2	nd	-
01-Feb	01-Feb	5	349	1658	2526	384	265	212	1.9	4.9	5.6	-
02-Feb	02-Feb	5	339	1719	2524	317	259	212	2.4	4.1	6.1	nd
03-Feb	03-Feb	5	343	2104	3854	302	253	-	1.7	2.1	ns	nd
04-Feb	04-Feb	5	378	2205	3767	591	252	232	2	2.1	ns	nd
05-Feb	05-Feb	6	349	2652	5497	642	250	261	2.4	8.4	ns	nd
06-Feb	06-Feb	6	341	2649	4915	355	249	276	1.6	2.5	ns	nd
07-Feb	07-Feb	6	340	2901	4333	320	253	280	2.8	2.8	ns	nd
08-Feb	08-Feb	6	337	3110	5434	306	251	416	1.6	4.9	ns	7.4
09-Feb	09-Feb	6	333	3278	5460	300	252	439	2.1	6.8	ns	4.4
10-Feb	10-Feb	6	340	3228	5095	516	249	277	2.7	6.1	ns	7.8
11-Feb	11-Feb	6	359	3896	5004	678	248	253	2.6	5.3	ns	7.7
12-Feb	12-Feb	7	761	4209	4850	681	248	254	63	3.9	12.7	7.0
13-Feb	13-Feb	7	951	4183	4772	913	251	226	10.1	6.0	13.1	5.1
14-Feb	14-Feb	7	1544	4166	4508	1179	297	218	31.7	6.1	9.4	3.3
15-Feb	15-Feb	7	1410	3995	4358	1595	259	219	6.3	4.6	6.1	nd
16-Feb	16-Feb	7	1419	3557	5003	1648	253	-	5.4	3.7	6.0	3.8
17-Feb	17-Feb	7	1412	3663	4468	1652	251	246	6.3	4.0	6.2	4.0
18-Feb	18-Feb	7	1860	4296	5064	1650	248	235	8.9	3.5	5.7	4.7
19-Feb	19-Feb	8	2630	4129	4481	2014	245	279	4.8	1.6	5.8	4.5
20-Feb	20-Feb	8	2653	4316	4530	2841	244	300	4.1	10.0	5.5	nd
21-Feb	21-Feb	8	2773	4291	4566	3223	245	273	3.5	9.0	5.6	nd
22-Feb	22-Feb	8	2679	4158	4571	2797	246	246	4	2.2	8.2	nd
23-Feb	23-Feb	8	3129	4432	4201	3093	245	271	8.7	2.2	5.6	nd
24-Feb	24-Feb	8	2684	4325	3746	3245	240	305	6.2	2.5	5.9	5.3
25-Feb	25-Feb	8	2653	4261	3746	3232	242	205	4.1	2.5	6.0	5.5
26-Feb	26-Feb	9	2615	4284	3751	3271	241	220	3.5	2.5	4.0	4.6
27-Feb	27-Feb	9	2948	4207	3700	3341	240	237	2.8	1.4	4.4	4.4
28-Feb	28-Feb	9	3123	3842	3709	3481	243	200	7.1	1.2	6.2	4.1
X	**29-Feb**	**9**	**3693**	**X**	**X**	**3894**	**X**	**X**	**9.3**		**X**	**5.0**
01-Mar	01-Mar	9	3760	3535	3713	3897	245	187	5.8	2.1	4.8	3.2
02-Mar	02-Mar	9	3666	2800	3508	3866	246	187	5.65	1.5	3.9	nd
03-Mar	03-Mar	9	3664	2861	2967	3856	254	187	6.9	2.4	4.1	nd
04-Mar	04-Mar	9	3691	2840	2450	3836	263	180	3.4	1.9	4.2	nd
05-Mar	05-Mar	10	4187	2641	2048	3975	259	178	3.8	2.7	5.7	2.0
06-Mar	06-Mar	10	3708	2135	2106	3850	254	178	6.5	1.9	5.9	2.4
07-Mar	07-Mar	10	3618	1738	2071	3847	247	177	4.2	1.8	4.6	2.6
08-Mar	08-Mar	10	3646	1727	2059	3842	249	-	3.2	2.1	nd	4.0
09-Mar	09-Mar	10	3474	1736	2089	3849	274	179	3.6	2.1	3.4	2.4
10-Mar	10-Mar	10	3081	1734	2098	3782	1308	188	3.03	2.6	3.1	3.5
11-Mar	11-Mar	10	3061	1730	1974	3641	2909	193	1.44	1.6	2.8	3.7
12-Mar	12-Mar	11	2922	1727	1721	3584	2364	196	2.4	1.7	4.8	nd
13-Mar	13-Mar	11	2431	1724	1620	3552	2061	198	1.39	1.4	nd	3.9
14-Mar	14-Mar	11	1893	1722	1577	3489	566	202	1.66	1.0	3.4	2.2
15-Mar	15-Mar	11	1574	1729	1574	3529	314	204	1.56	1.1	3.6	1.7
16-Mar	16-Mar	11	1551	1643	1570	3524	298	208	3.7	1.2	2.1	2.1
17-Mar	17-Mar	11	1553	1577	1569	3519	306	209	1.99	1.4	nd	nd
18-Mar	18-Mar	11	1550	1602	1768	3530	278	191	1.31	1.3	2.5	2.5
19-Mar	19-Mar	12	1549	1595	2798	3522	276	188	1.47	1.6	nd	2.7
20-Mar	20-Mar	12	1126	1450	3413	3503	347	460	1.56	1.8	3.4	3.3
21-Mar	21-Mar	12	877	1283	3365	3509	-	598	2.88	1.6	3.1	1.6
22-Mar	22-Mar	12	860	1172	2744	3413	612	596	1.26	2.4	3.7	1.3
23-Mar	23-Mar	12	857	1175	2499	3010	2090	603	0.99	1.2	2.8	3.1
24-Mar	24-Mar	12	846	1119	2491	2761	850	621	1.2	ns	2.8	2.8
25-Mar	25-Mar	12	846	1124	2657	2539	325	456	1.1	1.4	3.2	2.9
26-Mar	26-Mar	13	847	1124	2351	2226	295	339	0.8	1.5	nd	2.8

Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 River Flow (cfs)	1999 River Flow (cfs)	1998 River Flow (cfs)	1996 River Flow (cfs)	1995 River Flow (cfs)	1993 River Flow (cfs)	2000 Turbidity (NTU's)	1999 Turbidity (NTU's)	1998 Turbidity (NTU's)	1995 Turbidity (NTU's)
27-Mar	27-Mar	13	846	1121	1683	2125	287	221	1.13	1.2	3.1	2.0
28-Mar	28-Mar	13	-	1124	1728	2024	273	232	1.09	1.8	nd	2.1
29-Mar	29-Mar	13	-	1124	1593	1896	270	218	1.32	1.2	3.3	2.7
30-Mar	30-Mar	13	-	1146	1561	1790	267	202	0.92	1.3	2.7	2.2
31-Mar	31-Mar	13	-	1116	1582	1748	264	189	1.76	1.4	3.0	1.9
01-Apr	01-Apr	13	-	1111	1645	1794	224	196	nd	1.1	4.7	2.6
02-Apr	02-Apr	14	-	1123	1580	1791	208	186	2.5	1.7	4.6	1.4
03-Apr	03-Apr	14	-	1146	1758	1794	209	182	1.36	0.8	8.3	1.5
04-Apr	04-Apr	14	851	1116	1649	1788	274	185	1.49	0.7	4.6	1.9
05-Apr	05-Apr	14	860	1135	1580	1609	302	187	2.23	0.8	2.2	1.9
06-Apr	06-Apr	14	831	1117	1561	1791	297	187	2.28	1.7	2.2	2.1
07-Apr	07-Apr	14	816	1111	1822	1760	320	192	2.46	1.2	nd	2.6
08-Apr	08-Apr	14	826	1121	2080	1779	578	181	1.29	1.8	2.8	2.5
09-Apr	09-Apr	15	831	1115	2065	1775	581	178	1.82	2.2	2.6	2.0
10-Apr	10-Apr	15	878	1108	2062	1776	582	181	0.87	2.6	nd	2.0
11-Apr	11-Apr	15	1071	1124	2066	1791	586	180	4.88	1.4	2.6	1.8
12-Apr	12-Apr	15	1200	1113	2069	1731	586	183	2.23	nd	nd	2.1
13-Apr	13-Apr	15	1275	1129	2206	1598	590	185	0.73	nd	2.7	2.3
14-Apr	14-Apr	15	1434	1169	2182	1595	589	-	1.41	nd	4.3	2.6
15-Apr	15-Apr	15	1109	1348	2066	1599	1117	198	0.91	3.9	4.3	2.1
16-Apr	16-Apr	16	1104	1368	2051	1656	1347	-	3.16	2.2	1.9	3.9
17-Apr	17-Apr	16	1115	1366	2035	1706	1328	398	1.94	0.9	1.9	nd
18-Apr	18-Apr	16	1081	1363	1996	1711	1311	392	1.78	0.7	2.6	2.90
19-Apr	19-Apr	16	871	1369	1996	1679	1301	396	1.83	1.5	nd	3.1
20-Apr	20-Apr	16	1174	1372	2008	1670	1308	401	1.23	1.4	2.4	2.8
21-Apr	21-Apr	16	1495	1377	1979	1675	1305	399	0.82	1.6	2.2	3.2
22-Apr	22-Apr	16	1485	1366	1982	1673	1305	402	0.56	1.9	3.4	3.0
23-Apr	23-Apr	17	1487	1364	2009	1668	1301	399	0.57	1.6	2.7	3.0
24-Apr	24-Apr	17	1484	1360	2057	1673	1304	552	2.21	1.9	nd	2.7
25-Apr	25-Apr	17	1508	1382	2016	1676	1409	787	1.41	nd	4.8	2.2
26-Apr	26-Apr	17	1501	1373	1992	1676	1607	1280	1.08	1.2	2.5	2.4
27-Apr	27-Apr	17	1495	883	2005	1662	1516	1399	1.55	1.0	3.1	2.5
28-Apr	28-Apr	17	1501	1010	1998	1668	1303	1435	0.69	1.8	3.1	2.1
29-Apr	29-Apr	17	1497	1399	2004	1684	1312	1419	0.69	1.0	5.8	3.1
30-Apr	30-Apr	18	1497	1372	2014	1683	1318	1391	2.07	nd	nd	2.9
01-May	01-May	18	1496	1364	2019	1684	1355	1377	2.2	1.2	5.7	3.1
02-May	02-May	18	1493	1384	1972	1680	1338	1380	1.1	1.3	7.9	3.3
03-May	03-May	18	1507	1416	2008	1659	1332	1393	2.6	1.2	nd	3.6
04-May	04-May	18	1511	1392	2049	1674	1319	1532	1.18	1.4	8.2	3.4
05-May	05-May	18	1510	1389	2063	1662	1316	1617	1.4	3.0	5.2	2.3
06-May	06-May	18	1522	1372	2011	1640	1339	1604	1.03	nd	4.6	2.5
07-May	07-May	19	1527	1355	-	1664	1323	1607	1.75	nd	3.2	nd
08-May	08-May	19	1523	1348	-	1650	1460	-	1.41		3.3	nd
09-May	09-May	19	1525	1348	2025	1663	1588	1576	2.81		nd	nd
10-May	10-May	19	1527	1352	2005	1667	1463	1613	1.5		3.4	nd
11-May	11-May	19	1515	1345	2004	1653	1313	1619	0.78	1	nd	nd
12-May	12-May	19	1528	1339	2033	1644	1315	1584	2.18	0.9	nd	nd
13-May	13-May	19	1518	1344	2088	-	1353	1600	0.58	1.1	4.5	nd
14-May	14-May	20	1522	1349	2027	-	1366	1515	1.08	1.5	3.0	2.1
15-May	15-May	20	1526	1347	2017	-	1389	1302	1.66	0.9	nd	2.6
16-May	16-May	20	1544	1342	2019	-	1413	1032	0.85	1.8	nd	2.5
17-May	17-May	20	1526	1341	2028	1698	1424	-	1.7	1.1	6.8	2.7
18-May	18-May	20	1528	1339	2023	1658	1370	455	0.5	1.2	3.2	nd
19-May	19-May	20	1517	1412	2016	1693	1345	713	0.85	1.3	2.0	2.9
20-May	20-May	20	1504	1534	2027	1697	1334	1428	1.9	0.8	2.0	3.2
21-May	21-May	21	1520	1533	2010	1670	1328	1589	1.2	1.5	ns	3.0
22-May	22-May	21	1527	1523	2036	1525	1347	1620	1.4	0.8	ns	2.8
23-May	23-May	21	1536	1527	2033	1151	1329	1617	1.8	2	ns	3.0
24-May	24-May	21	1546	1525	2061	936	1305	1609	1.5	0.7	ns	2.7
25-May	25-May	21	1546	1532	2077	901	1311	1613	0.7	0.5	ns	nd
26-May	26-May	21	1538	1521	2067	921	1479	1589	0.95	1.1	ns	2.3
27-May	27-May	21	1544	1520	2060	955	1626	1591	ns	1.1	nd	2.4
28-May	28-May	22	1545	1371	2086	958	1482	1574	ns	1.2	2.9	2.3
29-May	29-May	22	1549	1124	2035	935	1347	1600	ns	-	3.5	2.5
30-May	30-May	22	1541	1122	2034	935	1338	1583	1.4	-	nd	2.1
31-May	31-May	22	1537	1114	2053	939	1326	1593	0.4	-	2.3	2.2
01-Jun	01-Jun	22	1546	1229	1929	945	1165	1112	0.3	1.4	3.3	1.9
02-Jun	02-Jun	22	1538	1365	1671	939	889	1599	0.45	1.5	3.0	2.0
03-Jun	03-Jun	22	1536	1369	1551	933	673	1470	ns	2.4	3.3	2.3
04-Jun	04-Jun	23	1534	1360	1527	936	679	1293	ns	1	nd	2.0
05-Jun	05-Jun	23	1541	1356	1537	933	684	1025	0.8	4.8	nd	2.1
06-Jun	06-Jun	23	1539	1362	1531	929	678	663	0.9	1.4	4.4	1.8
07-Jun	07-Jun	23	1540	1433	1536	976	684	458	2.6	1.6	2.9	2.1
08-Jun	08-Jun	23	1552	1516	1539	1281	688	336	1.7	1.2	4.3	1.9
09-Jun	09-Jun	23	1470	1522	1515	1275	674	332	0.9	1.4	6.6	-
10-Jun	10-Jun	23	1431	1518	1528	1279	666	308	ns	1.7	5.5	-
11-Jun	11-Jun	24	1426	1525	1557	1300	675	247	ns	5.0	nd	-
12-Jun	12-Jun	24	1324	1521	1593	1308	678	247	0.6	ns	3.3	-
13-Jun	13-Jun	24	1129	1522	1564	1292	682	246	0.8	ns	nd	-
14-Jun	14-Jun	24	956	1521	1565	1200	671	248	0.8	1.2	nd	-
15-Jun	15-Jun	24	832	1527	1621	1077	606	259	1.6	2.0	nd	-
16-Jun	16-Jun	24	695	1535	1697	928	352	252	1.6	0.9	nd	-
17-Jun	17-Jun	24	698	1531	1947	848	271	251	1.5	1.2	4.2	-
18-Jun	18-Jun	25	669	1528	2082	850	246	255	2	1.3	nd	-
19-Jun	19-Jun	25	544	1529	2146	844	245	259	2.1	ns	nd	-
20-Jun	20-Jun	25	493	1535	2154	829	240	261	2.2	ns	nd	-
21-Jun	21-Jun	25	450	1525	2132	821	237	273	1.2	0.9	ns	-
22-Jun	22-Jun	25	424	1530	2127	833	250	304	1.5	1.1	ns	-
23-Jun	23-Jun	25	439	1386	2119	811	268	300	2.1	0.6	ns	-
24-Jun	24-Jun	25	421	1130	2130	825	237	301	ns	1.1	ns	-
25-Jun	25-Jun	26	423	992	2155	842	238	304	ns	0.9	2.4	-
26-Jun	26-Jun	26	422	994	2105	852	234	313	1.2	ns	nd	-
27-Jun	27-Jun	26	420	992	2094	831	239	313	1.8	ns	ns	-
28-Jun	28-Jun	26	417	953	2110	815	246	310	4.6	1.5	ns	-
29-Jun	29-Jun	26	-	846	2120	776	250	307	2.5	1.3	nd	-
30-Jun	30-Jun	26	-	841	2120	757	266	325	0.35	0.9	nd	-
01-Jul	01-Jul	26	-	841	2112	753	282	321	-	-	nd	-
02-Jul	02-Jul	27	-	836	2112	-	-	335	-	-	nd	-
03-Jul	03-Jul	27	-	829	2116	-	326	373	-	-	nd	-
04-Jul	04-Jul	27	-	833	2115	-	314	377	-	-	ns	-
05-Jul	05-Jul	27	-	833	2125	-	-	379	-	-	ns	-
06-Jul	06-Jul	27	-	730	2097	-	303	375	-	-	ns	-

Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 River Flow (cfs)	1999 River Flow (cfs)	1998 River Flow (cfs)	1996 River Flow (cfs)	1995 River Flow (cfs)	1993 River Flow (cfs)		2000 Turbidity (NTU's)	1999 Turbidity (NTU's)	1998 Turbidity (NTU's)	1996 Turbidity (NTU's)
07-Jul	07-Jul	27	-	610	2077	-	282	383		-	-	nd	-
08-Jul	08-Jul	27	-	588	2110	-	300	407		-	-	nd	-
09-Jul	09-Jul	28	-	583	2009	-	300	389		-	-	2.5	-
10-Jul	10-Jul	28	-	583	1861	-	289	394		-	-	nd	-
11-Jul	11-Jul	28	-	579	1830	-	270	396		-	-	ns	-
12-Jul	12-Jul	28	-	581	1828	625	240	395		-	-	ns	-
13-Jul	13-Jul	28	-	594	1810	673	245	397		-	-	2.5	-
14-Jul	14-Jul	28	-	591	1799	665	244	412		-	-	nd	-
15-Jul	15-Jul	28	-	595	1808	-	251	411		-	-	1.9	-

Oakdale Data 1993-2000

1993 1995 1999 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 Average River Temp. (F)	1999 Average River Temp. (F)	1998 Average River Temp. (F)	1996 Average River Temp. (F)	2000 Average Daily Smolt Index	1999 Average Daily Smolt Index	1998 Average Daily Smolt Index	1996 Average Daily Smolt Index	2000 Water Velocity	1999 Water Velocity	1998 Water Velocity	1996 Water Velocity
16-Dec	16-Dec	51	-	49.36	-	-	1.00	-	-	-	4.00	-	-	-
17-Dec	17-Dec	51	-	49.43	-	-	1.00	-	-	-	4.50	-	-	-
18-Dec	18-Dec	51	-	49.40	-	-	1.00	-	-	-	4.20	-	-	-
19-Dec	19-Dec	51	-	47.99	-	-	ns	-	-	-	ns	-	-	-
20-Dec	20-Dec	51	49.63	46.47	-	-	1.00	-	-	-	4.30	-	-	-
21-Dec	21-Dec	51	49.39	45.84	-	-	1.00	-	-	-	4.00	-	-	-
22-Dec	22-Dec	51	49.12	45.60	-	-	1.00	-	-	-	4.00	-	-	-
23-Dec	23-Dec	51	48.76	45.49	-	-	1.00	-	-	-	4.10	-	-	-
24-Dec	24-Dec	52	48.65	46.40	-	-	ns	-	-	-	ns	-	-	-
25-Dec	25-Dec	52	48.54	46.76	-	-	ns	-	-	-	ns	-	-	-
26-Dec	26-Dec	52	48.39	46.80	-	-	ns	-	-	-	ns	-	-	-
27-Dec	27-Dec	52	48.45	46.84	-	-	ns	-	-	-	nd	-	-	-
28-Dec	28-Dec	52	48.35	46.95	-	-	1.00	-	-	-	4.00	-	-	-
29-Dec	29-Dec	52	48.09	47.08	-	-	1.00	-	-	-	4.00	-	-	-
30-Dec	30-Dec	52	48.97	47.82	-	-	1.00	-	-	-	4.30	-	-	-
31-Dec	31-Dec	52	49.17	48.37	-	-	1.00	-	-	-	3.40	-	-	-
01-Jan	01-Jan	1	48.66	47.63	-	-	ns	-	-	-	ns	-	-	-
02-Jan	02-Jan	1	47.82	47.56	-	-	ns	-	-	-	nd	-	-	-
03-Jan	03-Jan	1	47.81	47.25	-	-	1.00	-	-	-	4.30	-	-	-
04-Jan	04-Jan	1	48.31	47.07	-	-	1.00	-	-	-	4.10	-	-	-
05-Jan	05-Jan	1	47.29	46.91	-	-	1.00	-	-	-	4.10	-	-	-
06-Jan	06-Jan	1	47.92	46.84	-	-	1.00	-	-	-	4.60	-	-	-
07-Jan	07-Jan	1	47.69	46.79	-	-	1.02	-	-	-	4.20	-	-	-
08-Jan	08-Jan	2	48.22	46.55	49.62	-	1.00	-	-	-	4.20	-	-	-
09-Jan	09-Jan	2	48.42	46.53	50.04	-	1.00	-	-	-	3.40	-	-	-
10-Jan	10-Jan	2	48.9	46.58	50.68	-	1.00	-	-	-	nd	-	-	-
11-Jan	11-Jan	2	49.82	46.39	51.49	-	1.00	-	-	-	4.20	-	-	-
12-Jan	12-Jan	2	49.72	46.12	51.75	-	1.00	-	-	-	4.00	-	-	-
13-Jan	13-Jan	2	49.68	46.70	50.09	-	1.03	-	-	-	4.10	-	-	-
14-Jan	14-Jan	2	50.49	47.55	50.09	-	1.00	-	-	-	3.70	-	-	-
15-Jan	15-Jan	3	51.05	48.43	50.74	-	1.00	-	-	-	3.70	-	-	-
16-Jan	16-Jan	3	50.88	48.60	51.49	-	1.00	-	-	-	4.20	-	-	-
17-Jan	17-Jan	3	51.76	48.73	51.60	-	1.03	-	-	-	3.80	-	-	-
18-Jan	18-Jan	3	52.36	48.75	51.26	-	1.00	1.0	-	-	4.20	4.5	-	-
19-Jan	19-Jan	3	52.48	49.52	51.03	-	1.02	1.0	-	-	4.30	4.0	-	-
20-Jan	20-Jan	3	51.14	48.73	50.05	-	1.01	-	-	-	3.90	3.5	-	-
21-Jan	21-Jan	3	50.98	49.22	49.87	-	1.01	1.0	-	-	4.10	3.0	-	-
22-Jan	22-Jan	4	51.35	49.68	49.87	-	1.06	-	-	-	3.30	nd	-	-
23-Jan	23-Jan	4	52.24	49.22	50.36	-	1.00	1.0	-	-	4.00	2.6	-	-
24-Jan	24-Jan	4	53.44	49.56	50.29	-	1.00	1.0	-	-	3.50	3.0	-	-
25-Jan	25-Jan	4	53.61	49.14	50.95	-	1.07	1.0	-	-	4.20	2.9	-	-
26-Jan	26-Jan	4	52.19	49.16	50.94	-	1.05	1.0	-	-	5.10	2.1	-	-
27-Jan	27-Jan	4	50.87	49.06	51.39	-	1.00	1.0	1.0	-	4.00	4.5	8.1	-
28-Jan	28-Jan	4	50.52	49.06	51.42	-	1.01	1.0	1.1	-	4.50	3.3	8.3	-
29-Jan	29-Jan	5	50.95	49.07	51.51	-	1.20	1.0	1.0	-	4.00	3.5	8.5	-
30-Jan	30-Jan	5	50.87	48.97	50.90	-	1.17	1.0	1.0	-	4.10	4.5	6.7	-
31-Jan	31-Jan	5	51.37	48.62	51.08	-	1.01	1.0	1.0	-	4.50	3.2	6.8	-
01-Feb	01-Feb	5	51.31	48.56	51.17	-	1.05	1.0	1.0	-	4.50	3.6	6.9	-
02-Feb	02-Feb	5	51.79	48.90	51.51	-	1.12	1.0	1.0	1.0	4.10	5.8	nd	nd
03-Feb	03-Feb	5	52.19	49.12	51.87	-	1.06	1.0	-	1.0	3.80	7.1	ns	nd
04-Feb	04-Feb	5	52.25	49.15	51.17	-	1.00	1.0	-	1.0	3.88	6.3	ns	nd
05-Feb	05-Feb	6	52.24	49.28	51.24	-	1.07	1.0	-	-	3.59	5.0	ns	nd
06-Feb	06-Feb	6	52.09	49.32	51.37	-	1.03	1.0	-	1.0	5.30	5.8	ns	nd
07-Feb	07-Feb	6	53.2	49.73	50.79	-	1.03	1.0	-	-	4.00	6.5	ns	nd
08-Feb	08-Feb	6	53.18	50.13	50.92	54.86	1.01	1.0	-	1.0	4.00	5.5	ns	nd
09-Feb	09-Feb	6	53.22	48.81	51.17	54.80	1.04	1.0	-	1.0	3.90	3.3	ns	nd
10-Feb	10-Feb	6	51.79	48.92	50.59	54.80	1.06	1.0	-	1.0	3.90	4.3	ns	nd
11-Feb	11-Feb	6	51.11	49.08	51.04	53.17	1.06	1.0	-	-	4.20	3.3	ns	nd
12-Feb	12-Feb	7	51.84	49.15	50.79	52.69	1.01	1.0	1.0	1.0	4.60	2.1	nd	nd
13-Feb	13-Feb	7	55.63	49.50	51.12	52.90	1.00	1.0	1.0	-	5.50	3.7	5.5	nd
14-Feb	14-Feb	7	51.87	49.33	51.04	52.59	1.00	1.0	1.0	-	3.20	3.4	5.9	nd
15-Feb	15-Feb	7	51.65	49.46	50.72	51.61	1.01	1.0	1.0	-	2.30	3.2	5.0	nd
16-Feb	16-Feb	7	51.7	49.56	50.38	52.31	1.01	1.0	1.0	-	2.80	nd	nd	nd
17-Feb	17-Feb	7	51.78	49.82	50.59	52.58	1.01	1.0	1.0	-	3.70	4.4	3.9	5.60
18-Feb	18-Feb	7	52.09	49.26	50.72	52.08	1.00	1.0	1.1	-	3.40	4.2	3.2	nd
19-Feb	19-Feb	8	52.59	49.42	50.50	52.16	1.01	1.0	1.0	1.0	3.00	4.5	3.7	5.85
20-Feb	20-Feb	8	52.49	49.28	50.11	52.45	1.02	1.0	1.1	-	3.40	3.7	3.8	nd
21-Feb	21-Feb	8	52.06	49.56	50.11	52.40	1.00	1.0	1.0	-	3.40	2.9	3.3	nd
22-Feb	22-Feb	8	51.75	49.50	50.32	51.78	1.00	1.1	1.0	-	2.60	nd	3.2	nd
23-Feb	23-Feb	8	51.27	49.53	50.43	51.79	1.01	1.0	1.0	-	3.40	3.1	3.3	nd
24-Feb	24-Feb	8	51.61	49.68	50.20	51.95	1.00	1.0	1.1	-	3.10	2.8	3.5	nd
25-Feb	25-Feb	8	52.17	49.30	50.56	51.37	1.03	1.0	1.1	-	2.70	2.1	nd	nd
26-Feb	26-Feb	9	52.31	49.53	50.63	51.15	1.03	1.0	1.1	1.0	4.30	3.1	3.1	3.70
27-Feb	27-Feb	9	52	49.71	50.68	50.50	1.00	1.0	1.2	-	3.50	3.2	2.9	5.30
28-Feb	28-Feb	9	51.98	50.31	50.79	50.34	1.01	1.0	1.1	-	3.00	4.1	3.0	3.32
X	29-Feb	9	51.86	X	X	50.27	1.10	X	X	1.3	3.90	X	X	4.00
01-Mar	01-Mar	9	51.51	50.21	51.10	50.40	1.00	1.0	1.0	-	3.20	3.2	4.3	3.61
02-Mar	02-Mar	9	51.93	50.28	51.35	50.53	1.02	1.0	1.0	-	4.40	3.7	4.3	nd
03-Mar	03-Mar	9	51.68	50.03	51.39	50.31	1.05	1.0	1.0	-	nd	3.7	4.3	nd
04-Mar	04-Mar	9	51.49	49.57	50.94	50.52	1.02	1.1	1.1	-	3.10	3.1	5.8	nd
05-Mar	05-Mar	10	51.13	49.48	50.22	49.86	1.00	1.0	1.2	1.1	3.59	4.6	5.3	3.57
06-Mar	06-Mar	10	50.99	49.25	50.45	49.98	1.12	1.0	1.2	-	3.00	4.5	5.5	4.02
07-Mar	07-Mar	10	50.99	49.14	50.14	50.51	1.17	1.1	1.2	1.0	4.30	3.3	5.4	3.99
08-Mar	08-Mar	10	51.03	48.85	51.10	50.65	1.33	1.3	1.2	1.1	3.30	3.3	5.3	3.72
09-Mar	09-Mar	10	51.29	48.65	51.06	50.83	1.07	1.1	1.3	1.3	nd	3.6	5.4	3.85
10-Mar	10-Mar	10	51.79	48.80	51.31	50.92	1.25	1.1	1.1	1.1	2.70	2.9	4.4	4.50
11-Mar	11-Mar	10	52.04	49.17	51.58	50.86	1.06	1.2	1.2	1.0	2.40	4.5	5.1	3.46
12-Mar	12-Mar	11	51.98	49.40	51.39	50.71	1.19	1.1	1.3	1.0	2.06	4.5	5.9	4.22
13-Mar	13-Mar	11	52.32	49.44	51.37	50.79	1.29	1.2	1.2	1.3	2.40	3.6	5.0	4.52
14-Mar	14-Mar	11	52.21	49.05	51.57	50.49	1.18	1.2	1.1	1.6	2.60	3.7	3.7	3.64
15-Mar	15-Mar	11	52.09	49.33	51.82	50.76	1.36	1.2	1.3	1.0	3.80	3.7	4.5	4.82
16-Mar	16-Mar	11	51.8	49.10	51.94	50.92	1.27	1.1	1.6	1.2	3.29	4.9	4.7	4.50
17-Mar	17-Mar	11	51.99	49.73	52.20	50.97	1.30	1.1	1.4	1.3	4.50	3.3	4.8	3.90
18-Mar	18-Mar	11	52.31	49.89	52.05	51.50	1.34	1.1	1.3	2.0	4.10	4.1	4.2	3.30
19-Mar	19-Mar	12	51.88	49.66	51.76	51.86	1.44	-	1.3	1.3	3.60	4.0	5.3	5.40
20-Mar	20-Mar	12	52.35	49.77	–	51.69	1.54	1.2	1.0	1.6	3.50	4.8	5.0	3.74

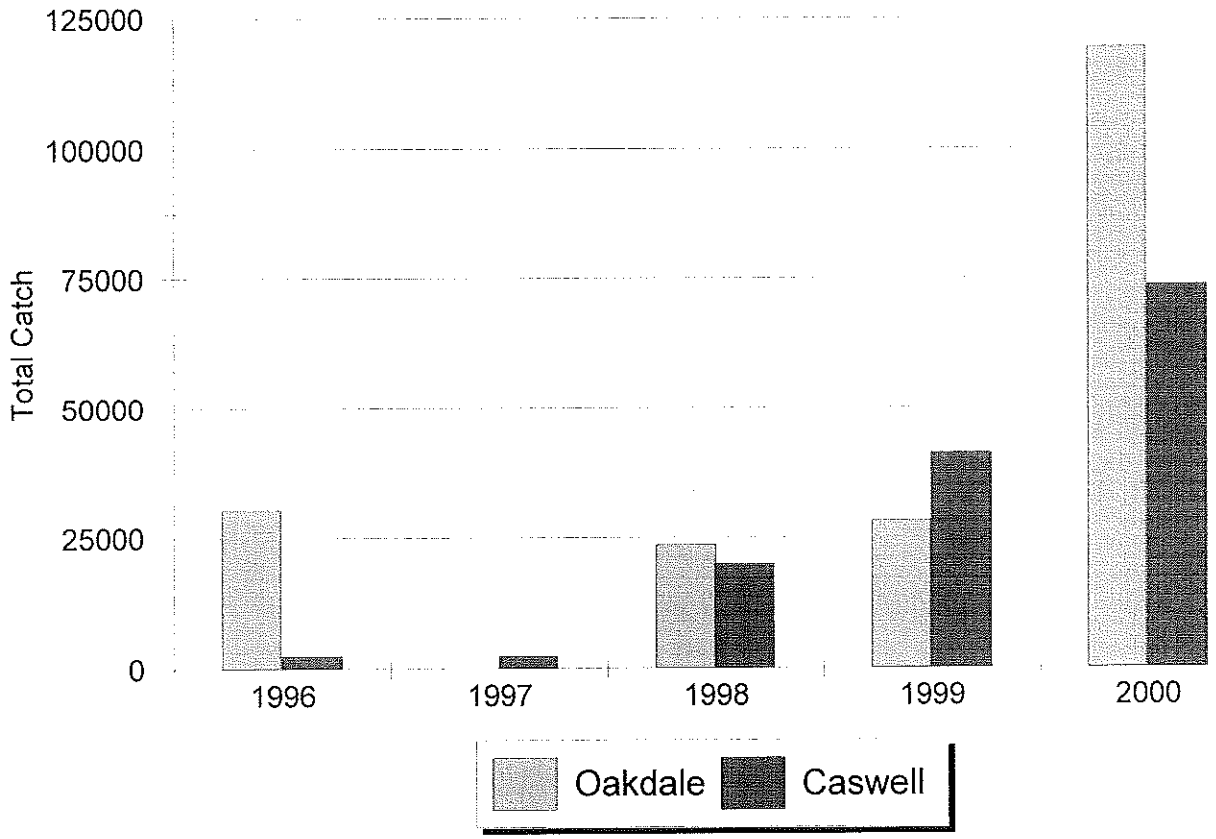
Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 Average River Temp. (F)	1999 Average River Temp. (F)	1998 Average River Temp. (F)	1996 Average River Temp. (F)	2000 Average Daily Smolt Index	1999 Average Daily Smolt Index	1998 Average Daily Smolt Index	1996 Average Daily Smolt Index	2000 Water Velocity	1999 Water Velocity	1998 Water Velocity	1996 Water Velocity
26-Mar	26-Mar	13	53.61	50.70	52.65	50.80	1.79	1.2	1.5	2.0	5.40	5.2	5.2	nd
27-Mar	27-Mar	13	52.85	50.14	51.82	51.01	1.89	1.4	1.7	2.1	5.30	nd	5.1	6.73
28-Mar	28-Mar	13	51.98	53.53	51.19	51.42	1.76	1.4	1.4	2.0	nd	5.6	4.9	5.35
29-Mar	29-Mar	13		-	50.88	50.62	1.85	1.3	1.5	2.1	4.10	4.8	6.0	5.41
30-Mar	30-Mar	13		-	51.39	51.31	1.67	1.3	1.5	2.0	2.40	5.0	4.5	4.85
31-Mar	31-Mar	13		-	50.97	51.61	1.88	1.8	1.6	2.0	nd	5.8	4.6	5.07
01-Apr	01-Apr	13		51.20	50.47	51.37	1.92	1.7	1.9	2.1	2.90	4.5	5.0	4.76
02-Apr	02-Apr	14		50.65	50.97	51.83	1.95	1.5	1.6	2.0	5.00	4.5	4.8	3.56
03-Apr	03-Apr	14		49.99	50.99	52.21	1.78	1.8	1.9	2.0	4.50	4.7	5.0	4.75
04-Apr	04-Apr	14		50.13	51.35	52.44	1.79	1.5	1.8	2.0	5.80	4.8	4.1	4.62
05-Apr	05-Apr	14		49.34	51.98	52.57	1.97	1.7	1.9	2.1	5.30	5.1	5.1	4.75
06-Apr	06-Apr	14		49.60	51.71	53.07	1.91	1.5	2.0	2.1	5.20	5.4	5.0	4.91
07-Apr	07-Apr	14		48.91	51.60	53.24	1.80	1.4	1.7	2.0	4.60	4.2	4.9	4.30
08-Apr	08-Apr	14		48.82	52.18	53.50	1.75	1.8	1.9	2.3	5.40	4.7	3.8	4.66
09-Apr	09-Apr	15		48.89	52.72	53.02	1.96	1.6	2.0	2.3	4.70	3.8	5.2	4.76
10-Apr	10-Apr	15		48.74	52.43	52.76	1.98	1.8	1.9	2.3	5.60	5.3	5.4	5.02
11-Apr	11-Apr	15		48.95	51.67	52.62	1.93	1.8	1.9	2.2	5.00	5.5	5.6	6.00
12-Apr	12-Apr	15		49.67	51.94	52.69	1.96	2.0	1.9	2.1	nd	5.6	4.9	3.70
13-Apr	13-Apr	15		50.78	51.58	52.60	2.00	1.9	2.0	2.2	3.70	3.6	5.1	4.29
14-Apr	14-Apr	15		51.30	51.60	52.72	2.00	1.8	1.8	2.0	3.10	5.3	5.0	4.80
15-Apr	15-Apr	15		51.89	51.98	52.88	2.00	1.9	1.9	2.1	3.47	3.9	5.2	4.69
16-Apr	16-Apr	16		52.23	52.25	52.33	2.07	2.0	1.9	2.1	5.10	4.5	nd	5.07
17-Apr	17-Apr	16		52.56	52.66	51.82	2.00	1.8	1.8	2.1	3.90	3.3	4.3	4.64
18-Apr	18-Apr	16		52.68	52.74	52.01	1.95	1.6	2.0	2.1	4.10	4.3	5.1	4.61
19-Apr	19-Apr	16		52.52	53.06	51.82	2.00	1.9	2.1	2.4	4.90	3.9	5.4	4.93
20-Apr	20-Apr	16		52.65	53.53	51.76	1.98	1.7	1.9	2.1	4.00	4.8	5.4	4.71
21-Apr	21-Apr	16		52.73	53.82	52.30	2.00	2.0	2.0	2.1	3.60	nd	5.9	5.10
22-Apr	22-Apr	16		52.75	53.89	53.04	2.00	1.8	2.0	2.2	3.60	4.6	4.7	5.12
23-Apr	23-Apr	17		53.61	53.29	52.46	2.00	2.0	2.1	-	3.30	4.9	5.2	4.93
24-Apr	24-Apr	17		53.27	53.78	-	1.93	2.0	2.0	2.2	4.30	4.1	5.1	5.20
25-Apr	25-Apr	17		52.81	53.55	-	2.00	2.0	2.1	2.5	4.30	4.2	5.5	4.34
26-Apr	26-Apr	17		52.49	53.85	-	2.00	2.0	2.0	2.0	4.20	nd	5.7	4.81
27-Apr	27-Apr	17		52.83	54.25	-	2.00	2.0	2.0	2.0	4.90	4.8	5.4	4.77
28-Apr	28-Apr	17		51.04	54.50	-	2.14	2.0	2.0	2.5	4.80	5.0	6.2	4.87
29-Apr	29-Apr	17		52.61	54.82	-	2.00	2.0	2.1	2.3	3.70	4.9	5.9	4.61
30-Apr	30-Apr	18		53.08	54.91	-	2.00	2.0	2.1	2.3	4.10	4.7	5.2	5.12
01-May	01-May	18		52.92	54.36	-	2.00	2.0	2.1	2.4	4.00	4.3	nd	4.48
02-May	02-May	18		51.34	54.23	-	2.00	2.0	2.0	2.0	4.10	5.1	nd	nd
03-May	03-May	18		51.43	54.69	-	2.00	2.0	2.0	2.3	3.80	4.1	6.0	4.26
04-May	04-May	18		51.46	54.55	-	2.00	2.1	2.1	2.0	3.90	4.3	5.0	4.89
05-May	05-May	18		52.07	53.71	-	2.00	1.9	2.0	2.4	4.00	4.2	5.6	4.44
06-May	06-May	18		52.63	53.40	-	2.00	2.0	2.0	2.0	4.90	4.2	nd	5.13
07-May	07-May	19		52.62	53.65	-	2.20	2.2	2.0	-	4.30	3.9	nd	nd
08-May	08-May	19		52.51	53.22	-	2.07	2.0	2.1	-	3.40	5.4	nd	nd
09-May	09-May	19		52.52	52.83	-	2.13	2.0	2.0	-	4.00	4.8	nd	nd
10-May	10-May	19		52.62	52.88	-	2.10	2.0	2.0	-	4.10	4.9	nd	nd
11-May	11-May	19		53.40	52.36	-	2.00	2.0	2.1	-	3.40	4.8	4.9	nd
12-May	12-May	19		53.92	51.71	-	2.05	2.0	2.1	-	3.90	4.8	5.3	nd
13-May	13-May	19		52.92	52.21	-	2.00	2.0	2.0	-	4.30	4.9	4.7	nd
14-May	14-May	20		53.18	52.54	-	2.20	2.0	2.1	2.0	2.50	4.5	5.2	4.80
15-May	15-May	20		52.69	52.92	-	2.00	2.0	2.1	2.0	5.00	4.9	5.2	4.85
16-May	16-May	20		53.07	52.23	-	2.00	2.0	2.0	2.0	5.00	3.8	5.2	5.62
17-May	17-May	20		53.26	52.79	-	2.15	2.0	2.0	2.2	3.30	4.1	5.0	5.03
18-May	18-May	20		53.54	53.19	-	2.04	2.0	2.1	3.0	4.80	3.4	5.2	4.88
19-May	19-May	20		53.56	53.38	-	2.04	2.1	2.1	2.8	4.40	3.4	5.1	4.66
20-May	20-May	20		53.14	53.28	-	2.05	2.0	2.0	2.2	4.90	3.3	5.4	4.97
21-May	21-May	21		53.57	52.80	-	2.15	2.1	-	2.4	4.90	3.5	ns	4.75
22-May	22-May	21		54.32	--	-	2.03	2.0	-	2.1	4.70	3.6	ns	4.87
23-May	23-May	21		54.43	--	-	2.17	2.0	-	2.1	2.30	3.8	ns	4.95
24-May	24-May	21		54.50	--	-	2.00	2.0	-	2.9	3.20	3.8	ns	4.43
25-May	25-May	21		54.59	--	-	2.25	2.0	-	-	4.40	4.2	ns	nd
26-May	26-May	21		55.20	--	-	2.00	2.0	-	2.8	3.50	3.9	ns	4.80
27-May	27-May	21		55.22	--	-	ns	2.0	2.0	2.1	ns	4.1	5.4	4.89
28-May	28-May	22		55.20	--	-	ns	2.2	2.1	2.5	ns	3.2	4.6	5.30
29-May	29-May	22		54.59	--	-	ns	-	2.1	2.8	ns	-	nd	4.48
30-May	30-May	22		54.79	--	-	2.64	-	2.0	-	4.60	-	5.1	nd
31-May	31-May	22		54.86	--	-	2.04	-	2.0	2.9	4.10	-	5.3	4.84
01-Jun	01-Jun	22		54.42	--	-	2.59	2.0	2.0	2.8	4.50	5	5.3	4.30
02-Jun	02-Jun	22		53.51	55.60	-	2.90	2.0	2.1	3.0	4.50	4.1	5.2	6.03
03-Jun	03-Jun	22		52.98	53.65	-	ns	2.0	2.1	2.8	ns	4.5	5.0	5.03
04-Jun	04-Jun	23		53.41	54.05	-	ns	2.0	2.1	2.0	ns	4.9	5.1	4.80
05-Jun	05-Jun	23		54.62	54.50	-	-	2.1	2.1	2.0	4.60	4.1	5.3	5.33
06-Jun	06-Jun	23		54.85	55.00	-	3.00	2.0	2.0	2.7	4.30	4.8	5.6	5.20
07-Jun	07-Jun	23		54.08	54.34	-	2.00	2.1	2.8	2.4	4.40	4.8	5.6	5.00
08-Jun	08-Jun	23		54.15	54.90	-	2.75	2.0	2.0	-	4.80	nd	5.1	4.89
09-Jun	09-Jun	23		54.36	55.53	-	2.10	2.0	2.2	-	4.60	2.8	5.2	-
10-Jun	10-Jun	23		54.65	55.20	-	ns	2.0	2.1	-	ns	4.0	4.5	-
11-Jun	11-Jun	24		55.03	55.13	-	ns	2.0	3.0	-	ns	4.7	3.9	-
12-Jun	12-Jun	24		55.03	55.08	-	3.00	-	2.1	-	3.40	ns	4.8	-
13-Jun	13-Jun	24		55.26	55.53	-	2.56	-	2.2	-	4.20	ns	5.4	-
14-Jun	14-Jun	24		55.71	56.14	-	2.67	2.6	2.1	-	4.20	3.5	4.9	-
15-Jun	15-Jun	24		55.41	56.52	-	3.00	2.7	2.1	-	5.10	3.0	3.8	-
16-Jun	16-Jun	24		55.48	56.57	-	2.00	2.1	2.1	-	4.40	4.2	5.2	-
17-Jun	17-Jun	24		55.65	55.27	-	2.78	2.6	-	-	5.70	5.0	5.6	-
18-Jun	18-Jun	25		55.78	55.58	-	2.50	2.5	2.8	-	4.80	3.7	5.0	-

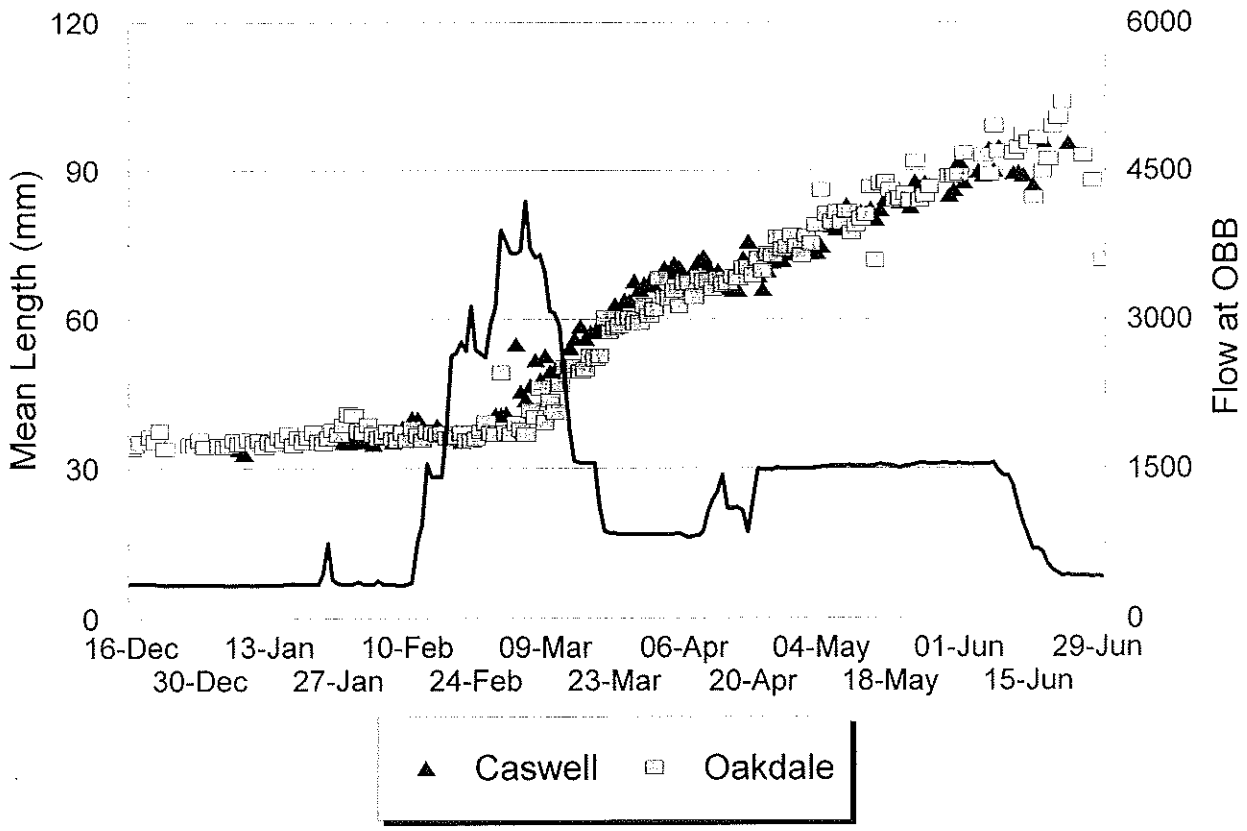
Oakdale Data 1993-2000

1993 1995 1998 1999 Date	1996 2000 Leap Year Date	Julian Week	2000 Average River Temp. (F)	1999 Average River Temp. (F)	1998 Average River Temp. (F)	1996 Average River Temp. (F)	2000 Average Daily Smolt Index	1999 Average Daily Smolt Index	1998 Average Daily Smolt Index	1996 Average Daily Smolt Index	2000 Water Velocity	1999 Water Velocity	1998 Water Velocity	1996 Water Velocity
05-Jul	05-Jul	27	-	-	56.57	-	-	-	-	-	-	-	ns	-
06-Jul	06-Jul	27	-	-	56.70	-	-	-	-	-	-	-	ns	-
07-Jul	07-Jul	27	-	-	56.97	-	-	-	3.0	-	-	-	nd	-
08-Jul	08-Jul	27	-	-	57.11	-	-	-	3.0	-	-	-	nd	-
09-Jul	09-Jul	28	-	-	56.82	-	-	-	-	-	-	-	nd	-
10-Jul	10-Jul	28	-	-	56.64	-	-	-	-	-	-	-	nd	-
11-Jul	11-Jul	28	-	-	56.44	-	-	-	-	-	-	-	ns	-
12-Jul	12-Jul	28	-	-	56.80	-	-	-	-	-	-	-	ns	-
13-Jul	13-Jul	28	-	-	55.85	-	-	-	-	-	-	-	5.3	-
14-Jul	14-Jul	28	-	-	-	-	-	-	-	-	-	-	5.9	-
15-Jul	15-Jul	28	-	-	-	-	-	-	-	-	-	-	4.9	-

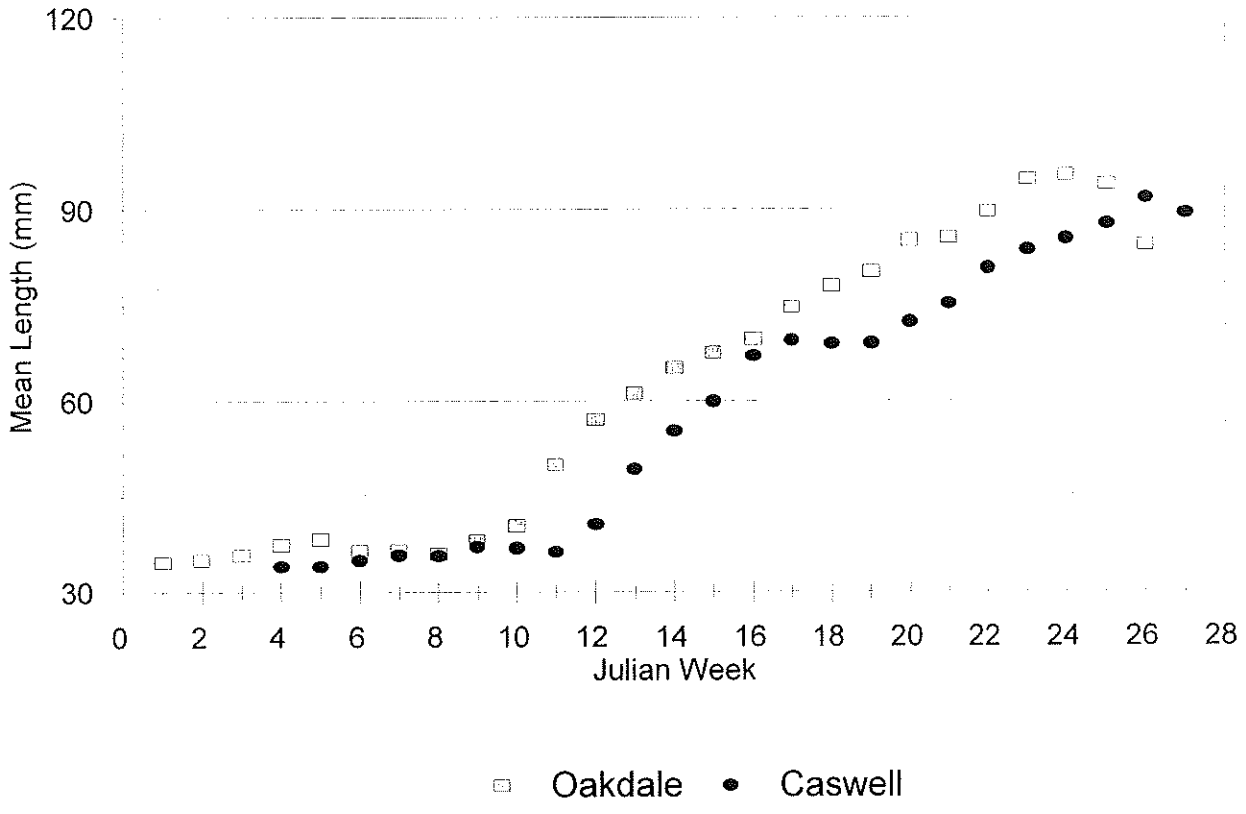
Total Chinook Catch 1996 - 2000 at Oakdale and Caswell



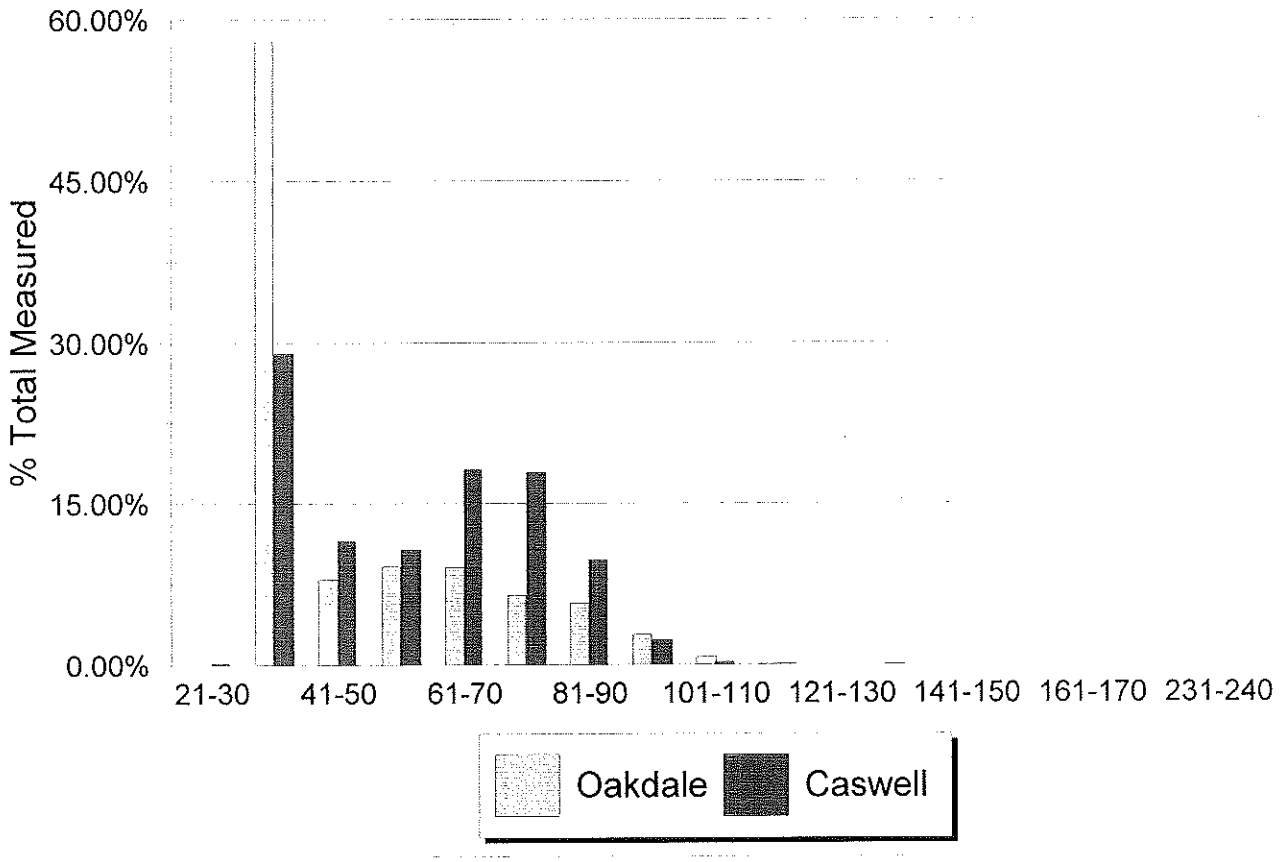
2000 Daily Flow and Chinook Mean Lengths at Oakdale and Caswell



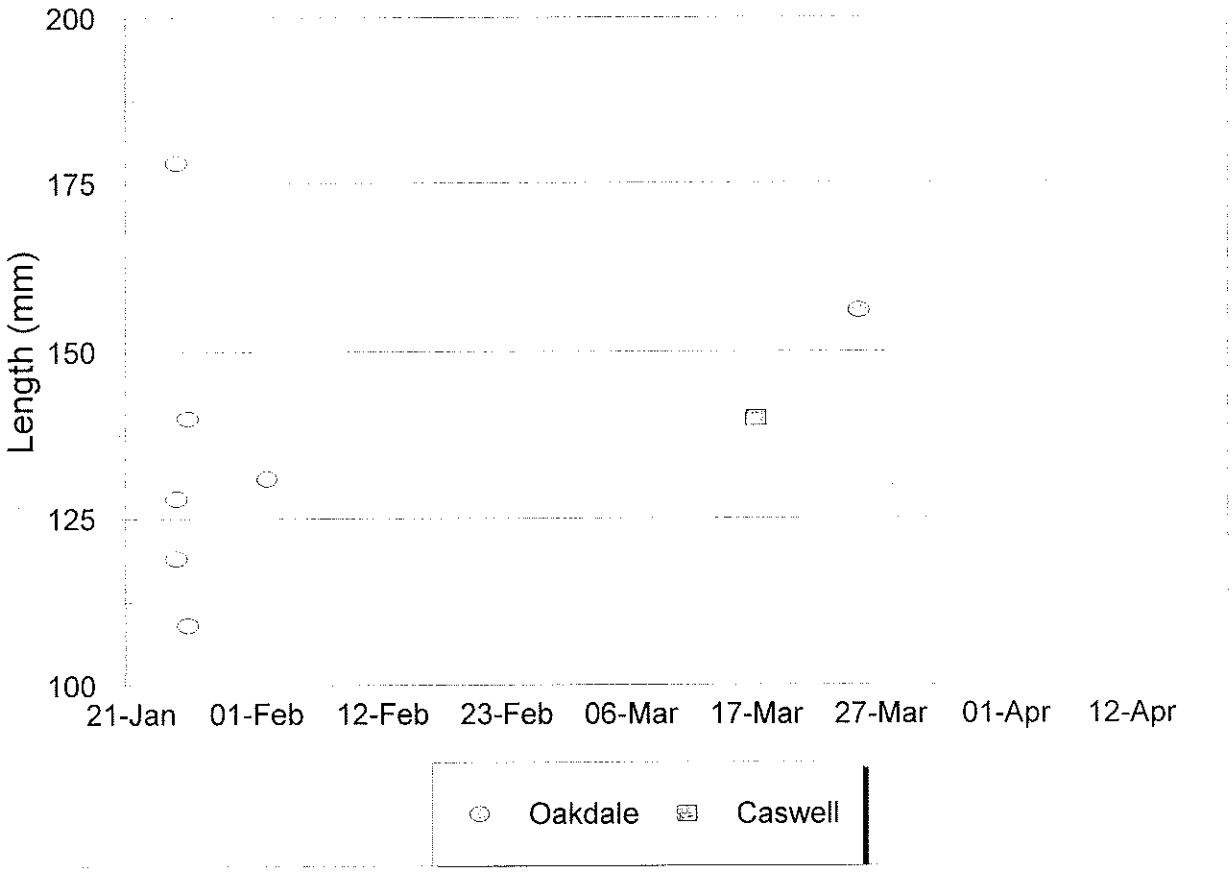
2000 Mean Length by Julian Week at Oakdale and Caswell



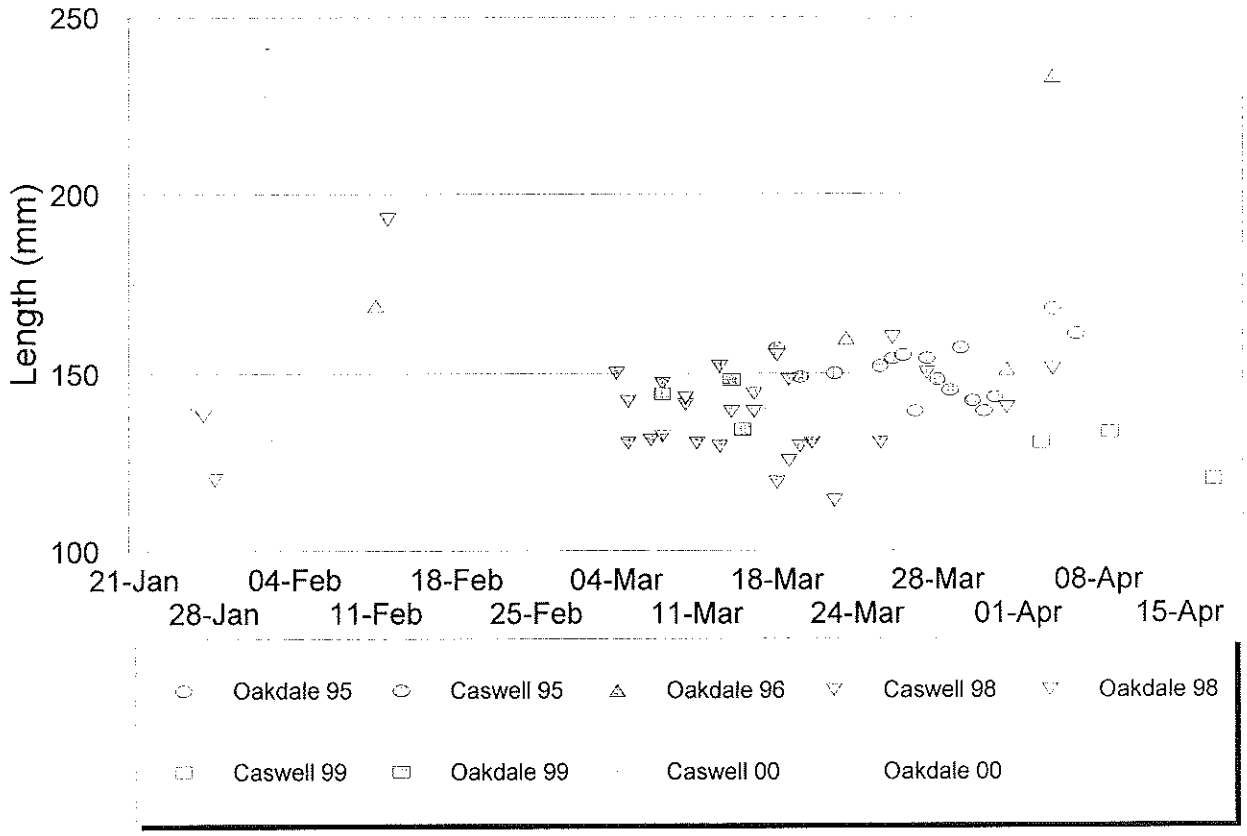
Length Frequencies of Chinook Measured at Oakdale and Caswell - 2000



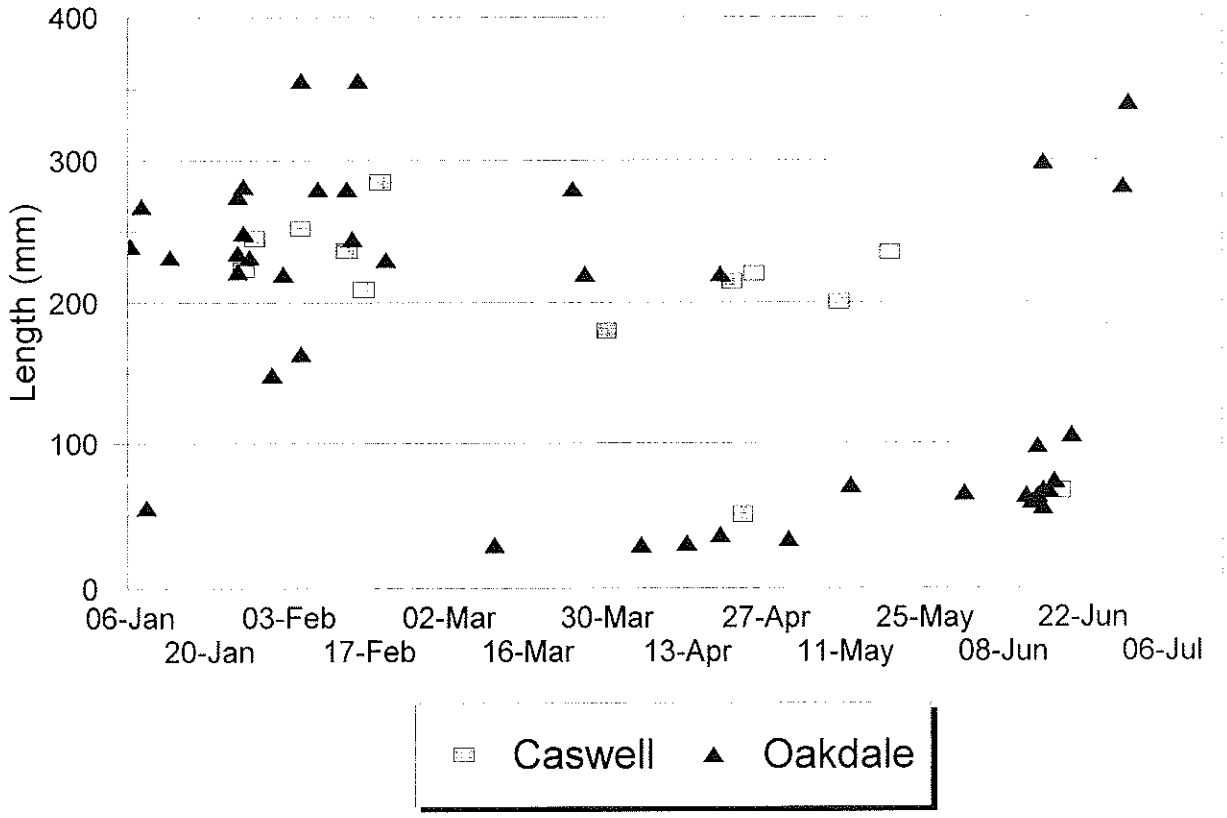
Lengths of Yearling Chinook Captured at Oakdale and Caswell - 2000



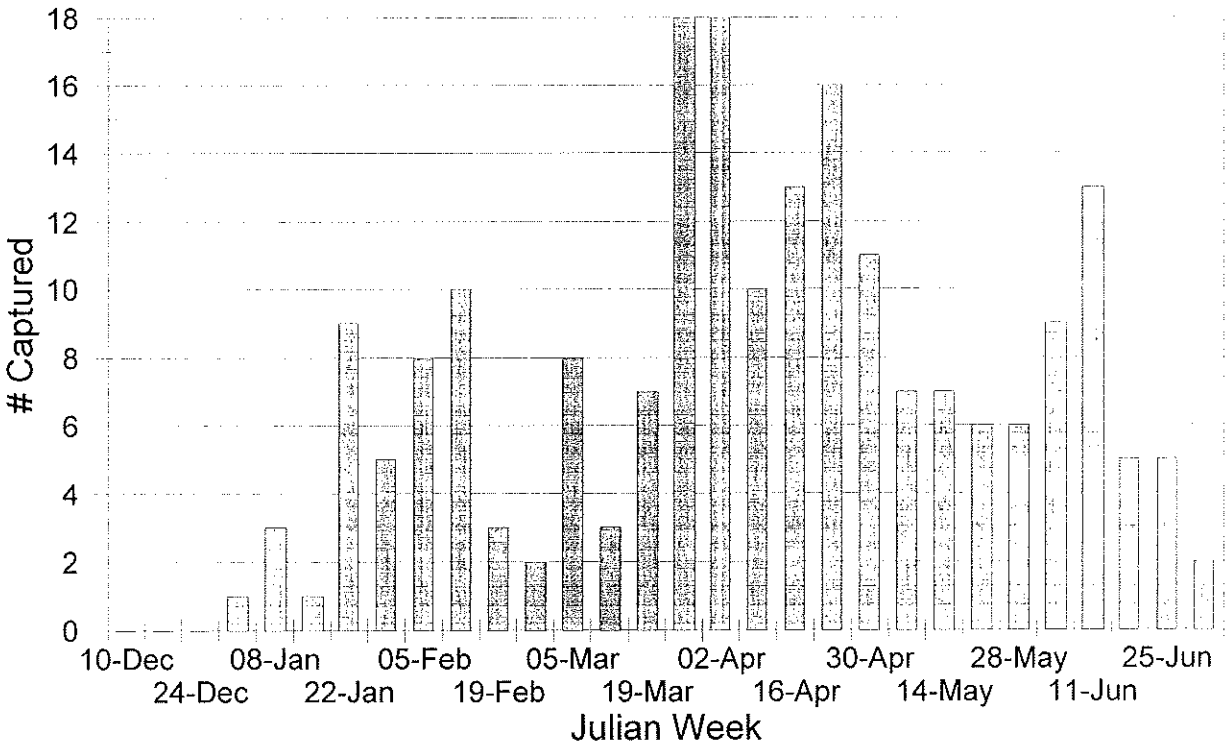
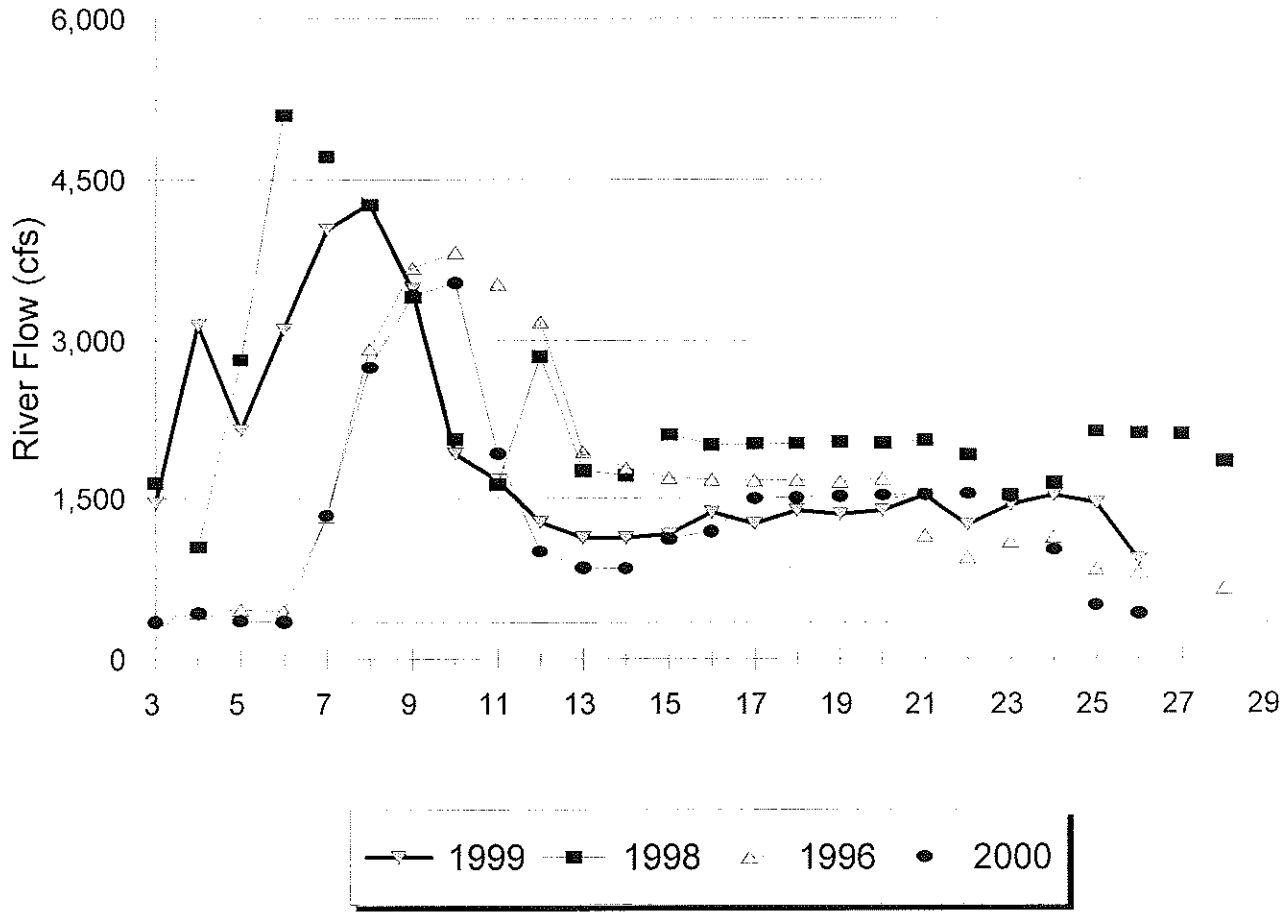
Stanislaus Yearling Chinook
1995 - 2000



Rainbow/Steelhead Captured at Oakdale and Caswell - 2000



Stanislaus River Rainbow/Steelhead Abundance 1993 - 2000



Stanislaus River Flow by Julian Week