2006 Tuolumne River
Data Report – Final Data

Submitted To:
Turlock and Modesto Irrigation Districts

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Section 1. Background and Methods

BACKGROUND

Study Area Description

The Tuolumne River is the largest of the three major tributaries (Tuolumne, Merced, and Stanislaus Rivers) to the San Joaquin River, originating in the central Sierra Nevada and flowing west between the Merced River to the south and the Stanislaus River to the north (Figure 1). The San Joaquin River itself flows north and joins the Sacramento River in the Sacramento-San Joaquin Delta. The Tuolumne River is dammed at several locations for generation of power, water supply, and flood control – the largest impoundment is Don Pedro Reservoir.

The lower Tuolumne River corridor extends from its confluence with the San Joaquin River to La Grange Dam at river mile (RM) 52.2. The La Grange Dam site has been the upstream limit for anadromous migration since 1871.

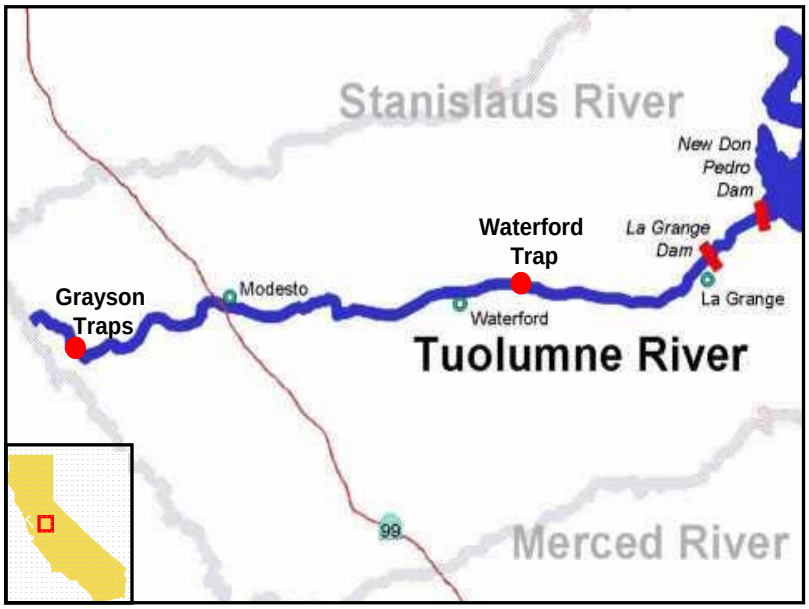

Figure 1. Location map of study area on the Tuolumne River.

METHODS

Juvenile Outmigrant Monitoring

Trapping Sites and Gear

Rotary screw traps have been operated at various locations in the Tuolumne River since 1995 to meet several objectives including monitoring the abundance and migration characteristics of juvenile salmonids and other fishes, and evaluation of reach-specific survival relative to environmental conditions. Data from rotary screw trap operation near the mouth of the river since 1995 and operation at a new location near Waterford during 2006 are provided in this report. Sampling at other locations was relatively short-term and sporadic and data from these operations which occurred between 1998 and 2000 are not included in this report.

The traps, manufactured by E.G. Solutions in Eugene, Oregon, consist 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 they could not escape.

Lower trap site – Shiloh/Grayson

Rotary screw trap monitoring has been conducted annually near the mouth of the Tuolumne River since 1995 for the purpose of monitoring the abundance and migration characteristics of juvenile salmonids and other fishes. Trapping was conducted at the Shiloh Bridge (RM 3.4) from 1995 through 1998 by Turlock and Modesto Irrigation Districts (Districts) and California Department of Fish and Game (CDFG); and at Grayson (RM 5.2) from 1999 through 2003 by CDFG, and from 2004 through 2006 by S.P. Cramer & Associates/dba Cramer Fish Sciences (CFS). During all years except 1998, two traps were fished side-by-side with the trap nearest the left bank (looking upstream) designated as the north trap and the trap nearest the right bank designated as the south trap. At Grayson the traps were held in place by an overhead cable strung between two large trees located on opposing banks. Leader cables descended from the overhead cable and were attached to the front of each of four trap pontoons. The downstream force of the water on the traps kept the leader cables taut.

The sampling periods have varied greatly between years with monitoring starting anywhere between January 3 and April 18, and ending anywhere between May 24 and July 1 (e juvenile Chinook production. Waterford is downstream from most Chinook spawning and juvenile rearing activity and the primary and alternative sampling sites used during 2006 were the only locations in the area with suitable water velocity, depth, and anchoring opportunities.

The trap was initially located at RM 29.8 which is approximately 2 miles downstream of the Hickman Bridge, and was held in place by a 3/8 inch overhead cable strung between two large trees on opposite sides of the river. Cables fastened to the front of each pontoon were attached to the overhead cable. This design held the trap in position while still providing adequate space for recreational river users to pass the trap safely while river flows were less than approximately 7,000 cfs. With flood control releases exceeding 7,000 cfs and the expectation that high flows would continue through the remainder of the season, sampling was terminated at this site on April 12 and the trap was relocated.

The nearest suitable sampling location was approximately 4 river miles upstream at river mile 33.5 and sampling at this alternative site was initiated on April 21. The trap was held in place by 3/8 inch cables fastened to a large tree on the north bank immediately upstream. The downstream force of the water on the trap kept the cable taut near the water surface. The horizontal position of the trap was maintained/adjusted through the use of a river anchor which was deployed approximately 20-30 ft from the front of the starboard pontoon. Warning signs, flashing safety lights, and buoys marked the location of the trap and cable for public safety.

Trap Monitoring

The Waterford trap was installed at RM 29.8 on January 24 and began sampling on January 25. The traps were operated continuously (24 hours per day, 7 days per week) until April 12 when river flows increased to a level where there was inadequate clearance between the overhead cable and the water's surface. The trap was raised and secured to the bank while an alternative trapping location was identified. The trap was re-installed at the new site (RM 33.5) on April 21 and sampling resumed immediately. The trap sampled intermittently (i.e., 47 out of 61 days) until sampling was terminated on June 21.

The Grayson traps were installed on January 25 and sampling began immediately. The traps were operated continuously (24 hours per day, 7 days per week) from January 25 through May 7, and intermittently (i.e., 33 out of 46 days) from May 8 until sampling was terminated on June 22.

Table 1). Shorter sampling seasons from 1995 through 1998 were mainly associated with smolt survival studies using coded wire tagged (CWT) Merced River Hatchery salmon under the Don Pedro Project fish study program. With funding provided by the CVPIA sampling periods were longer from 1999 through 2002. The Don Pedro Project fish study program ended smolt survival studies in 2002.

Upper trap site – Waterford

In 2006, sampling was initiated near the town of Waterford to estimate juvenile Chinook production. Waterford is downstream from most Chinook spawning and juvenile rearing activity and the primary and alternative sampling sites used during 2006 were the only locations in the area with suitable water velocity, depth, and anchoring opportunities.

The trap was initially located at RM 29.8 which is approximately 2 miles downstream of the Hickman Bridge, and was held in place by a 3/8 inch overhead cable strung between two large trees on opposite sides of the river. Cables fastened to the front of each pontoon were attached to the overhead cable. This design held the trap in position while still providing adequate space for recreational river users to pass the trap safely while river flows were less than approximately 7,000 cfs. With flood control releases exceeding 7,000 cfs and the expectation that high flows would continue through the remainder of the season, sampling was terminated at this site on April 12 and the trap was relocated.

The nearest suitable sampling location was approximately 4 river miles upstream at river mile 33.5 and sampling at this alternative site was initiated on April 21. The trap was held in place by 3/8 inch cables fastened to a large tree on the north bank immediately upstream. The downstream force of the water on the trap kept the cable taut near the water surface. The horizontal position of the trap was maintained/adjusted through the use of a river anchor which was deployed approximately 20-30 ft from the front of the starboard pontoon. Warning signs, flashing safety lights, and buoys marked the location of the trap and cable for public safety.

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Table 1. Lower Tuolumne River outmigrant trapping history.

Year	***Location***	***Start***	***End***	***Results Reported In***
1995	Shiloh (RM 3.4)	Apr 25	Jun 1	Heyne and Loudermilk 1997
1996	Shiloh (RM 3.4)	Apr 18	May 29	Heyne and Loudermilk 1997
1997	Shiloh (RM 3.4)	Apr 18	May 24	Heyne and Loudermilk 1998
1998	Shiloh (RM 3.4)	Feb 15	Jul 1	Blakeman 2004
1999	Grayson (RM 5.2)	Jan 12	Jun 6	Vasques and Kundargi 2001
2000	Grayson (RM 5.2)	Jan 9	Jun 12	Vasques and Kundargi 2001
2001	Grayson (RM 5.2)	Jan 3	May 29	Vasques and Kundargi 2002
2002	Grayson (RM 5.2)	Jan 15	Jun 6	Blakeman 2004
2003	Grayson (RM 5.2)	Apr 1	Jun 6	Blakeman 2004
2004	Grayson (RM 5.2)	Apr 2	Jun 8	Fuller 2004
2005	Grayson (RM 5.2)	Apr 2	Jun 17	Fuller and others 2006
2006	Grayson (RM 5.2)	Jan 25	Jun 22	-
2006	Waterford (RM 30; RM 34)	Jan 25	Jun 21	-

Each trap was checked every morning at minimum throughout the sampling period, with additional trap checks conducted as conditions required. During each trap check, we removed the contents of the liveboxes, identified and counted all fish captured, and noted if any fish were marked. In addition, random samples of up to 50 Chinook and 20 of each non-Chinook species during each morning check and up to 20 Chinook and 10 of each non-Chinook species during each evening check were anesthetized, measured

(forklengths in millimeters), and recorded. In addition, Chinook smolting appearance was rated on a scale of 1 to 3, with 1 indicating an obvious parr (highly visible parr marks) and 3 an obvious smolt (silvery appearance, easily shed scales, blackened fin tips). Weights were taken from up to 50 Chinook each week (i.e., Monday through Sunday).

Chinook daily catch was equivalent to the sum of Chinook captured during a morning check plus the number of Chinook captured during the preceding checks that had been conducted since the previous morning check. For example, the daily Chinook catch for April 10 is the sum of Chinook from the morning trap check on April 10 and the evening trap check conducted on April 9. Separate daily catch data was maintained for marked and unmarked Chinook salmon.

After all fish were measured and recorded, we cleaned the traps to prevent accumulation of debris that might impair trap rotation or cause fish mortality within the liveboxes. Trap cleaning included removal of debris from all trap surfaces and from within the liveboxes. The amount of debris load in the liveboxes was estimated and recorded whenever the traps were checked.

Experimental Releases

Trap Efficiency Releases

Generally, we accumulate natural fish over several days to have enough for a release group. If low capture rates prevented the use of natural fish, hatchery-reared fish were obtained from the Merced River Hatchery. All hatchery and natural groups were marked by dye inoculation using a photonic marking system. All marked fish were released at dark from their respective release sites.

We released 10 groups of fish from February 9 through June 14 to determine trap efficiencies at Grayson. Five of the release groups consisted of hatchery fish. The remaining five groups contained natural juvenile Chinook that we captured in the Grayson screw traps. Between 23 and 1,694 fish were released in each group at Grayson.

We released four groups of fish from January 31 through February 17 to estimate trap efficiencies at the original Waterford site (RM 29.8). All groups released at RM 29.8 contained natural juvenile Chinook that we captured in the Waterford screw trap. Between 120 and 240 fish were released in each group at RM 29.8.

We released seven groups of fish from May 6 through June 15 to estimate trap efficiencies at the alternate Waterford site (RM 33.5). Due to low catch of natural fish at RM 33.5 all groups consisted of hatchery fish. Between 778 and 2,948 fish were released in each group at RM 29.8.

Holding Facility and Transport Method

Fish were held in free-standing net pens measuring 4 ft x 4 ft x 4 ft and 2 ft x 3 ft x 3 ft. The net pens consisted of 3/16 inch Delta mesh sewn on frames constructed of ½ inch diameter 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 secured and kept in areas of low water velocity.

Fish were transferred from the net pens to 20-gallon insulated coolers for transport to the efficiency release site. Between 75 and 150 fish were placed in each cooler and transported upstream from the trap for trap efficiency tests. The fish remained in the cooler for 15 to 45 minutes, depending on the circumstances. We always carried an aerator, but never needed to deliver oxygen to the coolers during transport.

Marking Procedure

A photonic marking system was used for marking all of the release groups because of the high quality of marks and the ability to use the marking equipment in rapid succession. All fish were anesthetized with Tricaine-S before the appropriate mark was applied. With this method, a marker tip was placed against the caudal (top or bottom lobe), dorsal or anal fin and dye was injected into the fin rays. While one mark was applied to each fish, and all fish in a group received the same mark, the mark location was varied between groups so each group could be uniquely identified. Several different dye colors were used to differentiate the groups including green, orange, pink and yellow. The photonic dye was chosen because of its known ability to provide a highly visible, long-lasting mark. The photonic dyes were purchased from Day-Glo, Cleveland, OH.

Pre-release Sampling

Marked fish were sampled for mean length and mark retention. Fifty fish were randomly selected from each distinctly-marked group and anesthetized, and the remaining fish in each group were plus counted. Mark retention was rated as present or absent. If a mark was absent on any of the 50 fish, an additional 50 fish were sampled. The proportion of fish found to have visible marks in each group was used to estimate the actual number of marked fish released by the expression:

$$number\ released = proportion\ mark\ retention * number\ in\ group$$

If a mark was absent on any of the additional 50 fish, then the entire group was sorted and the unmarked fish were removed from the marked group and released below the traps. If the entire group was sorted, the number of unmarked fish were subtracted from the total number of fish.

Release Procedure

To estimate trapping efficiency, the fish were released 0.2 to 1 miles above the traps. The original and alternate Waterford release sites were located at RM 30 and RM 33.9, respectively. The Grayson release site (RM 6.2) was located approximately one mile upstream near a large Oak tree on the south bank. Before each release, the fish were placed in a cooler filled with water and transported to the release site. We released the fish by placing a dip net into the cooler, scooping up about 10 fish and dipping the net into the river so they could swim away. After releasing a "net-full" of fish, we waited 30 seconds to 3 minutes before releasing another net-full of about 10 fish. The amount of time between releases varied depending on how fast the fish swam away after their release. Release time for the groups ranged from 15 to 30 minutes depending on the size of the group.

Monitoring Environmental Factors

Flow Measurements and Trap Speed

Provisional daily average flow for the Tuolumne River at Modesto was obtained from the USGS at http://waterdata.usgs.gov/ca/nwis/dv/?site_no=11290000&agency_cd=USGS. Velocity of water entering the traps was measured using two methods. First, we measured the water velocity entering the traps each day with a Global Flow Probe, manufactured by Global Water (Fair Oaks, CA). Second, each morning we calculated an average daily trap rotation speed for each trap by measuring the time, in seconds, for three contiguous revolutions. Separate measurements were taken each morning before and after the traps were cleaned. The average time per revolution before and after cleaning was then calculated for each trap.

River Temperature, Relative Turbidity and Dissolved Oxygen

Instantaneous water temperature was measured daily with a mercury thermometer or YSI meter (model 550A) at the trap site. An hourly recording thermograph was also maintained by the Districts near the Grayson trapping site at Shiloh Road (RM 3.4) AND the Waterford trapping site at Ruddy Gravel (RM 36.7). Instantaneous turbidity was measured daily with a LaMotte turbidity meter, model 2020. A water sample was collected each morning and later tested at the field station. Turbidity was recorded in nephelometric turbidity units (NTU). Instantaneous dissolved oxygen was measured daily with a YSI meter (model 550A) at the trap site and recorded as mg/L.

Key to Species and Mark Codes

Code	*Common Name*	*Scientific Name*
	Silverside Family	
MSS	Inland Silverside	*Menidia beryllina*
	Sucker Family	
SASU	Sacramento Sucker	*Catostomus occidentalis*
	Sunfish Family	
BGS	Bluegill Sunfish	*Lepomis macrochirus*
BKS	Black Crappie	*Pomoxis nigromaculatus*
PKS	Pumpkinseed	*Lepomis gibbosus*
REB	Redeye Bass	*Micropterus coosae*
SP	Sacramento Perch	*Archoplites interruptus*
LMB	Largemouth Bass	*Micropterus salmoides*
SMB	Smallmouth Bass	*Micropterus dolomieu*
GSF	Green Sunfish	*Lepomis cyanellus*
WHS	White Crappie	*Pomoxis annularis*
RES	Redear Sunfish	*Lepomis microlophus*
W	Warmouth	*Lepomis gulosus*
	Hering Family	
AMS	American Shad	*Alosa sapidissima*
TFS	Threadfin Shad	*Dorosoma petenense*
	Sculpin Family	
RFS	Riffle Sculpin	*Cottus gulosus*
PRS	Prickly Sculpin	*Cottus asper*
	Minnow Family	
HH	Hardhead	*Mylopharodon conocephalus*
GF	Goldfish	*Carassius auratus*
GSN	Golden Shiner	*Notemigonus crysoleucas*
HCH	Hitch	*Lavinia exilicauda*
C	Common Carp	*Cyprinus carpio*
RSN	Red Shiner	*Cyprinella lutrennsis*
SASQ	Sacramento Pikeminnow	*Ptychochelius grandis*
SPLT	Sacramento Splittail	*Pogonichthys macrolepidotus*
SCB	Sacramento Blackfish	*Orthodon microlepidotus*
	Surfperch Family	
TP	Tule Perch	*Hysterocarpus traski*
	Catfish Family	
YEB	Yellow Bullhead	*Ictalurus natalis*
BRB	Brown Bullhead	*Ictalurus nebulosus*
BKB	Black Bullhead	*Ameiurus melas*
CHC	Channel Catfish	*Ictalurus punctatus*
WHC	White Catfish	*Ictalurus catus*

Key to Species and Mark Codes

Code	*Common Name*	*Scientific Name*
	Temperate Bass Family	
STB	Striped Bass	*Morone saxatilis*
	Perch Family	
LP	Bigscale Logperch	*Percina macrolepida*
	Lamprey Family	
LAM	Lamprey - unidentified species	Not applicable
RL	River Lamprey	*Lampetra ayresi*
PL	Pacific Lamprey	*Lampetra tridentata*
	Livebearer Family	
MQK	Western Mosquitofish	*Gambusia affinis*
UNID	Unidentified species	Not applicable
	Marked Chinook	
CFG	Caudal Fin Green	Not applicable
CFO	Caudal Fin Orange	Not applicable
CFP	Caudal Fin Pink	Not applicable
CFY	Caudal Fin Yellow	Not applicable
CWT	Coded-wire tagged	Not applicable
TCO	Top Caudal Orange	Not applicable
TCY	Top Caudal Yellow	Not applicable

Section 2. Grayson Trapping Site

Daily Chinook Catch at Grayson - Year 2006

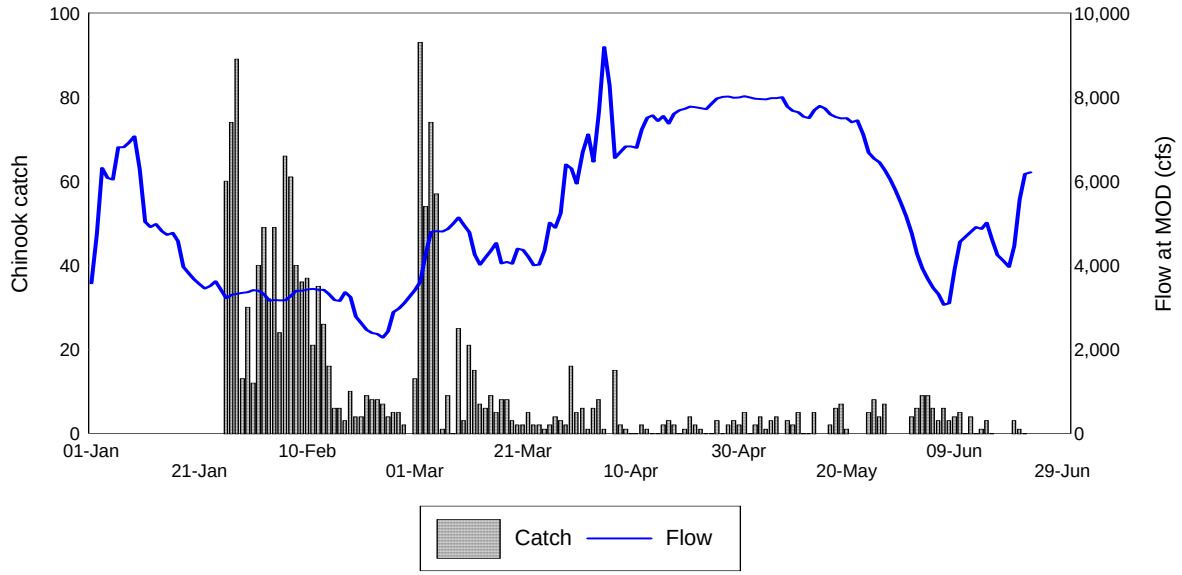
Julian Week	Date	North Trap Count	South Trap Count	Combined Count	Julian Week	Date	North Trap Count	South Trap Count	Combined Count
4	26-Jan-06	36	24	60	11	16-Mar-06	4	1	5
4	27-Jan-06	42	32	74	11	17-Mar-06	3	5	8
4	28-Jan-06	57	32	89	11	18-Mar-06	5	3	8
5	29-Jan-06	3	10	13	12	19-Mar-06	1	2	3
5	30-Jan-06	11	19	30	12	20-Mar-06	2	0	2
5	31-Jan-06	0	12	12	12	21-Mar-06	0	2	2
5	01-Feb-06	3	37	40	12	22-Mar-06	1	4	5
5	02-Feb-06	29	20	49	12	23-Mar-06	1	1	2
5	03-Feb-06	12	20	32	12	24-Mar-06	2	0	2
5	04-Feb-06	27	22	49	12	25-Mar-06	0	1	1
6	05-Feb-06	10	14	24	13	26-Mar-06	2	0	2
6	06-Feb-06	40	26	66	13	27-Mar-06	2	2	4
6	07-Feb-06	37	24	61	13	28-Mar-06	1	2	3
6	08-Feb-06	20	20	40	13	29-Mar-06	2	0	2
6	09-Feb-06	22	14	36	13	30-Mar-06	11	5	16
6	10-Feb-06	18	19	37	13	31-Mar-06	1	4	5
6	11-Feb-06	12	9	21	13	01-Apr-06	2	4	6
7	12-Feb-06	26	9	35	14	02-Apr-06	0	1	1
7	13-Feb-06	17	9	26	14	03-Apr-06	2	4	6
7	14-Feb-06	8	8	16	14	04-Apr-06	1	7	8
7	15-Feb-06	0	6	6	14	05-Apr-06	1	0	1
7	16-Feb-06	0	6	6	14	06-Apr-06	ns	ns	ns
7	17-Feb-06	2	1	3	14	07-Apr-06	11	4	15
7	18-Feb-06	6	4	10	14	08-Apr-06	2	0	2
8	19-Feb-06	4	0	4	15	09-Apr-06	1	0	1
8	20-Feb-06	0	4	4	15	10-Apr-06	0	0	0
8	21-Feb-06	7	2	9	15	11-Apr-06	0	0	0
8	22-Feb-06	5	3	8	15	12-Apr-06	0	2	2
8	23-Feb-06	3	5	8	15	13-Apr-06	1	0	1
8	24-Feb-06	1	6	7	15	14-Apr-06	0	0	0
8	25-Feb-06	2	2	4	15	15-Apr-06	0	0	0
9	26-Feb-06	3	2	5	16	16-Apr-06	2	0	2
9	27-Feb-06	3	2	5	16	17-Apr-06	2	1	3
9	28-Feb-06	2	0	2	16	18-Apr-06	1	1	2
9	01-Mar-06	5	8	13	16	19-Apr-06	0	0	0
9	02-Mar-06	52	41	93	16	20-Apr-06	1	0	1
9	03-Mar-06	36	18	54	16	21-Apr-06	2	2	4
9	04-Mar-06	17	57	74	16	22-Apr-06	2	0	2
10	05-Mar-06	47	10	57	17	23-Apr-06	1	0	1
10	06-Mar-06	0	1	1	17	24-Apr-06	0	0	0
10	07-Mar-06	1	8	9	17	25-Apr-06	0	0	0
10	08-Mar-06	0	0	0	17	26-Apr-06	1	2	3
10	09-Mar-06	11	14	25	17	27-Apr-06	0	0	0
10	10-Mar-06	0	3	3	17	28-Apr-06	2	0	2
10	11-Mar-06	10	11	21	17	29-Apr-06	2	1	3
11	12-Mar-06	7	8	15	18	30-Apr-06	1	1	2
11	13-Mar-06	2	5	7	18	01-May-06	2	3	5
11	14-Mar-06	3	3	6	18	02-May-06	0	0	0
11	15-Mar-06	5	4	9	18	03-May-06	1	1	2

Daily Chinook Catch at Grayson - Year 2006

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

ns = no sample

2006 Daily Chinook Catch at Grayson



Daily Chinook Mean Length at Grayson - Year 2006

Julian Week	Date	North Trap Length (mm)	South Trap Length (mm)	Combined Length (mm)	Julian Week	Date	North Trap Length (mm)	South Trap Length (mm)	Combined Length (mm)
4	26-Jan-06	35.2	35.0	35.1	11	16-Mar-06	51.5	37.0	48.6
4	27-Jan-06	35.2	35.2	35.2	11	17-Mar-06	48.0	34.8	39.8
4	28-Jan-06	35.0	35.4	35.1	11	18-Mar-06	48.4	65.7	54.9
5	29-Jan-06	36.0	34.9	35.2	12	19-Mar-06	34.0	34.5	34.3
5	30-Jan-06	34.7	36.6	35.9	12	20-Mar-06	50.0	-	50.0
5	31-Jan-06	-	36.2	36.2	12	21-Mar-06	-	81.0	81.0
5	01-Feb-06	46.0	35.9	36.7	12	22-Mar-06	34.0	70.5	63.2
5	02-Feb-06	35.1	35.6	35.3	12	23-Mar-06	76.0	66.0	71.0
5	03-Feb-06	35.8	36.3	36.1	12	24-Mar-06	83.5	-	83.5
5	04-Feb-06	35.5	37.2	36.2	12	25-Mar-06	-	63.0	63.0
6	05-Feb-06	34.9	35.9	35.5	13	26-Mar-06	85.0	-	85.0
6	06-Feb-06	35.2	34.9	35.1	13	27-Mar-06	75.5	64.5	70.0
6	07-Feb-06	34.6	34.0	34.4	13	28-Mar-06	80.0	57.5	65.0
6	08-Feb-06	35.2	34.7	34.9	13	29-Mar-06	96.5	-	96.5
6	09-Feb-06	36.2	36.0	36.1	13	30-Mar-06	69.1	98.0	78.1
6	10-Feb-06	34.0	35.3	34.7	13	31-Mar-06	89.0	65.8	70.4
6	11-Feb-06	38.3	35.2	37.0	13	01-Apr-06	36.0	62.5	53.7
7	12-Feb-06	34.4	34.4	34.4	14	02-Apr-06	-	62.0	62.0
7	13-Feb-06	35.0	36.7	35.6	14	03-Apr-06	52.5	69.7	62.8
7	14-Feb-06	35.8	35.5	35.6	14	04-Apr-06	107.0	87.1	89.6
7	15-Feb-06	-	37.2	37.2	14	05-Apr-06	55.0	-	55.0
7	16-Feb-06	-	35.7	35.7	14	06-Apr-06	ns	ns	ns
7	17-Feb-06	35.0	37.0	35.7	14	07-Apr-06	84.5	82.0	83.8
7	18-Feb-06	41.2	38.0	39.9	14	08-Apr-06	69.5	-	69.5
8	19-Feb-06	42.3	-	42.3	15	09-Apr-06	91.0	-	91.0
8	20-Feb-06	-	40.5	40.5	15	10-Apr-06	-	-	-
8	21-Feb-06	37.9	34.0	37.0	15	11-Apr-06	-	-	-
8	22-Feb-06	51.0	35.3	45.1	15	12-Apr-06	-	74.0	74.0
8	23-Feb-06	52.0	47.4	49.1	15	13-Apr-06	94.0	-	94.0
8	24-Feb-06	53.0	49.3	49.9	15	14-Apr-06	-	-	-
8	25-Feb-06	36.0	47.0	41.5	15	15-Apr-06	-	-	-
9	26-Feb-06	49.0	32.5	40.8	16	16-Apr-06	66.5	-	66.5
9	27-Feb-06	39.3	36.0	38.0	16	17-Apr-06	87.0	90.0	88.0
9	28-Feb-06	43.0	-	43.0	16	18-Apr-06	95.0	94.0	94.5
9	01-Mar-06	36.2	37.5	37.0	16	19-Apr-06	-	-	-
9	02-Mar-06	35.0	35.2	35.0	16	20-Apr-06	95.0	-	95.0
9	03-Mar-06	35.0	34.4	34.8	16	21-Apr-06	92.5	99.0	94.7
9	04-Mar-06	36.8	35.1	35.5	16	22-Apr-06	88.5	-	88.5
10	05-Mar-06	34.4	35.2	34.6	17	23-Apr-06	93.0	-	93.0
10	06-Mar-06	-	35.0	35.0	17	24-Apr-06	-	-	-
10	07-Mar-06	38.0	35.8	36.0	17	25-Apr-06	-	-	-
10	08-Mar-06	-	-	-	17	26-Apr-06	98.0	107.0	104.0
10	09-Mar-06	39.5	34.6	36.8	17	27-Apr-06	-	-	-
10	10-Mar-06	-	33.7	33.7	17	28-Apr-06	69.0	-	69.0
10	11-Mar-06	35.8	35.9	35.9	17	29-Apr-06	96.5	100.0	97.7
11	12-Mar-06	41.0	36.5	38.6	18	30-Apr-06	95.0	93.0	94.0
11	13-Mar-06	53.5	41.8	45.1	18	01-May-06	96.0	71.3	81.2
11	14-Mar-06	41.0	36.0	38.5	18	02-May-06	-	-	-
11	15-Mar-06	43.2	34.5	39.3	18	03-May-06	104.0	96.0	100.0

Daily Chinook Mean Length at Grayson - Year 2006

Julian Week	Date	North Trap Length (mm)	South Trap Length (mm)	Combined Length (mm)
18	04-May-06	100.3	104.0	101.3
18	05-May-06	98.0	-	98.0
18	06-May-06	87.0	102.0	92.0
19	07-May-06	104.0	93.0	101.3
19	08-May-06	ns	ns	ns
19	09-May-06	97.7	-	97.7
19	10-May-06	-	94.0	94.0
19	11-May-06	96.8	85.0	94.4
19	12-May-06	-	-	-
19	13-May-06	-	-	-
20	14-May-06	103.0	94.0	99.4
20	15-May-06	ns	ns	ns
20	16-May-06	ns	ns	ns
20	17-May-06	109.0	98.0	103.5
20	18-May-06	95.3	99.0	96.5
20	19-May-06	98.8	98.5	98.7
20	20-May-06	97.0	-	97.0
21	21-May-06	ns	ns	ns
21	22-May-06	ns	ns	ns
21	23-May-06	ns	ns	ns
21	24-May-06	90.0	100.8	98.6
21	25-May-06	91.6	94.7	92.8
21	26-May-06	102.0	92.5	97.3
21	27-May-06	93.3	96.0	94.9
22	28-May-06	ns	ns	ns
22	29-May-06	ns	ns	ns
22	30-May-06	ns	ns	ns
22	31-May-06	ns	ns	ns
22	01-Jun-06	95.5	99.0	97.3
22	02-Jun-06	100.7	98.7	99.7
22	03-Jun-06	96.2	96.3	96.3
23	04-Jun-06	99.0	96.8	97.0
23	05-Jun-06	89.2	-	89.2
23	06-Jun-06	96.0	106.0	102.7
23	07-Jun-06	99.3	106.5	101.7
23	08-Jun-06	86.7	-	86.7
23	09-Jun-06	103.0	82.7	87.8
23	10-Jun-06	95.5	95.3	95.4
24	11-Jun-06	-	-	-
24	12-Jun-06	-	95.0	95.0
24	13-Jun-06	-	-	-
24	14-Jun-06	-	106.0	106.0
24	15-Jun-06	92.3	-	92.3
24	16-Jun-06	-	-	-
24	17-Jun-06	ns	ns	ns
25	18-Jun-06	ns	ns	ns
25	19-Jun-06	ns	ns	ns
25	20-Jun-06	75.0	106.0	95.7
25	21-Jun-06	-	76.0	76.0
25	22-Jun-06	-	-	-

ns = no sample

Daily Chinook Minimum, Maximum and Average Lengths at Grayson - Year 2006

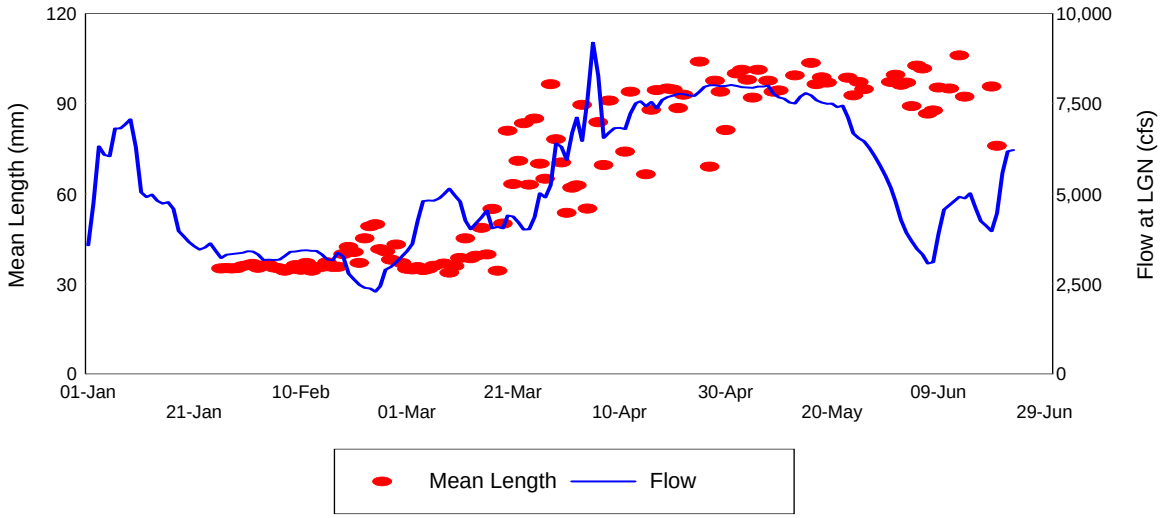
Julian Week	Date	Minimum Length (mm)	Average Length (mm)	Maximum Length (mm)	Julian Week	Date	Minimum Length (mm)	Average Length (mm)	Maximum Length (mm)
4	26-Jan-06	31	35.1	44	11	16-Mar-06	33	48.6	79
4	27-Jan-06	32	35.2	38	11	17-Mar-06	34	39.8	73
4	28-Jan-06	32	35.1	42	11	18-Mar-06	33	54.9	82
5	29-Jan-06	32	35.2	38	12	19-Mar-06	34	34.3	35
5	30-Jan-06	32	35.9	52	12	20-Mar-06	32	50.0	68
5	31-Jan-06	34	36.2	38	12	21-Mar-06	72	81.0	90
5	01-Feb-06	32	36.7	52	12	22-Mar-06	34	63.2	92
5	02-Feb-06	31	35.3	39	12	23-Mar-06	66	71.0	76
5	03-Feb-06	31	36.1	40	12	24-Mar-06	73	83.5	94
5	04-Feb-06	32	36.2	53	12	25-Mar-06	63	63.0	63
6	05-Feb-06	31	35.5	41	13	26-Mar-06	70	85.0	100
6	06-Feb-06	32	35.1	39	13	27-Mar-06	34	70.0	95
6	07-Feb-06	30	34.4	38	13	28-Mar-06	33	65.0	82
6	08-Feb-06	32	34.9	37	13	29-Mar-06	88	96.5	105
6	09-Feb-06	33	36.1	52	13	30-Mar-06	33	78.1	105
6	10-Feb-06	27	34.6	39	13	31-Mar-06	31	70.4	94
6	11-Feb-06	33	37.0	68	13	01-Apr-06	35	53.7	80
7	12-Feb-06	32	34.4	41	14	02-Apr-06	62	62.0	62
7	13-Feb-06	30	35.6	52	14	03-Apr-06	34	62.8	92
7	14-Feb-06	33	35.6	39	14	04-Apr-06	70	89.6	107
7	15-Feb-06	32	37.2	55	14	05-Apr-06	55	55.0	55
7	16-Feb-06	34	35.7	40	14	06-Apr-06	ns	ns	ns
7	17-Feb-06	35	35.7	37	14	07-Apr-06	74	83.8	98
7	18-Feb-06	33	39.9	68	14	08-Apr-06	58	69.5	81
8	19-Feb-06	34	42.3	64	15	09-Apr-06	91	91.0	91
8	20-Feb-06	32	40.5	53	15	10-Apr-06	-	-	-
8	21-Feb-06	33	37.0	52	15	11-Apr-06	-	-	-
8	22-Feb-06	32	45.1	76	15	12-Apr-06	61	74.0	87
8	23-Feb-06	32	49.1	72	15	13-Apr-06	94	94.0	94
8	24-Feb-06	31	49.9	59	15	14-Apr-06	-	-	-
8	25-Feb-06	35	41.5	53	15	15-Apr-06	-	-	-
9	26-Feb-06	32	40.8	49	16	16-Apr-06	35	66.5	98
9	27-Feb-06	33	38.0	52	16	17-Apr-06	86	88.0	90
9	28-Feb-06	33	43.0	53	16	18-Apr-06	94	94.5	95
9	01-Mar-06	33	37.0	48	16	19-Apr-06	-	-	-
9	02-Mar-06	30	35.0	38	16	20-Apr-06	95	95.0	95
9	03-Mar-06	32	34.8	60	16	21-Apr-06	85	94.7	100
9	04-Mar-06	32	35.5	59	16	22-Apr-06	85	88.5	92
10	05-Mar-06	32	34.6	39	17	23-Apr-06	93	93.0	93
10	06-Mar-06	35	35.0	35	17	24-Apr-06	-	-	-
10	07-Mar-06	33	36.0	39	17	25-Apr-06	-	-	-
10	08-Mar-06	-	-	-	17	26-Apr-06	94	104.0	120
10	09-Mar-06	32	36.8	66	17	27-Apr-06	-	-	-
10	10-Mar-06	33	33.7	35	17	28-Apr-06	33	69.0	105
10	11-Mar-06	34	35.9	39	17	29-Apr-06	91	97.7	102
11	12-Mar-06	33	38.6	70	18	30-Apr-06	93	94.0	95
11	13-Mar-06	33	45.1	71	18	01-May-06	38	81.2	101
11	14-Mar-06	32	38.5	54	18	02-May-06	-	-	-
11	15-Mar-06	32	39.3	78	18	03-May-06	96	100.0	104

Daily Chinook Minimum, Maximum and Average Lengths at Grayson - Year 2006

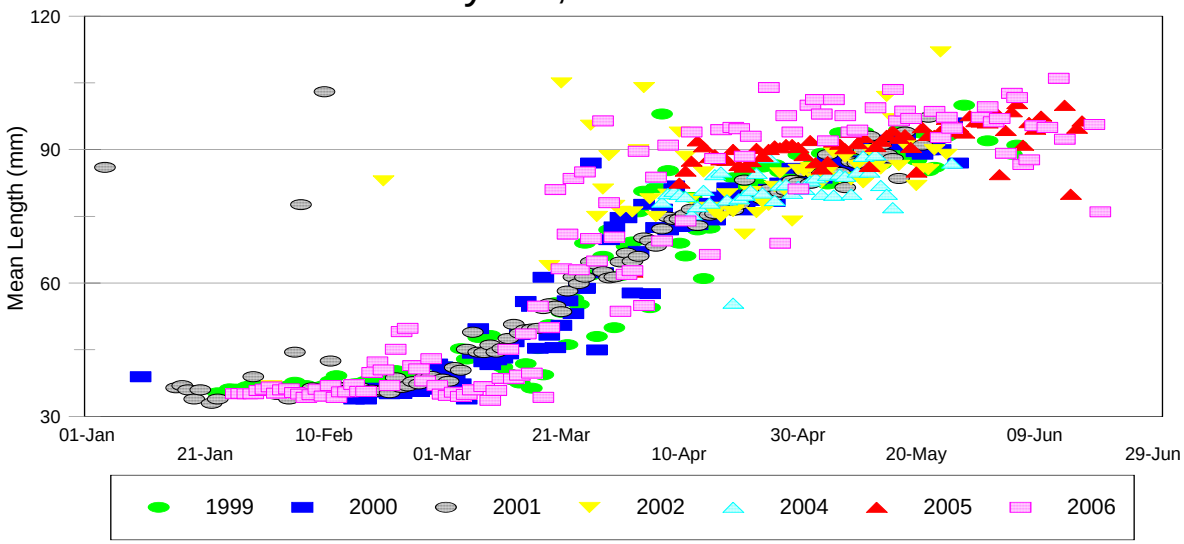
Julian Week	Date	Minimum Length (mm)	Average Length (mm)	Maximum Length (mm)
18	04-May-06	92	101.3	107
18	05-May-06	98	98.0	98
18	06-May-06	83	92.0	102
19	07-May-06	93	101.3	109
19	08-May-06	ns	ns	ns
19	09-May-06	94	97.7	100
19	10-May-06	90	94.0	98
19	11-May-06	85	94.4	104
19	12-May-06	-	-	-
19	13-May-06	-	-	-
20	14-May-06	93	99.4	109
20	15-May-06	ns	ns	ns
20	16-May-06	ns	ns	ns
20	17-May-06	98	103.5	109
20	18-May-06	88	96.5	103
20	19-May-06	90	98.7	104
20	20-May-06	97	97.0	97
21	21-May-06	ns	ns	ns
21	22-May-06	ns	ns	ns
21	23-May-06	ns	ns	ns
21	24-May-06	90	98.6	106
21	25-May-06	81	92.8	103
21	26-May-06	87	97.3	111
21	27-May-06	91	94.9	99
22	28-May-06	ns	ns	ns
22	29-May-06	ns	ns	ns
22	30-May-06	ns	ns	ns
22	31-May-06	ns	ns	ns
22	01-Jun-06	92	97.3	99
22	02-Jun-06	94	99.7	104
22	03-Jun-06	84	96.3	107
23	04-Jun-06	85	97.0	105
23	05-Jun-06	77	89.2	95
23	06-Jun-06	95	102.7	117
23	07-Jun-06	95	101.7	110
23	08-Jun-06	64	86.7	101
23	09-Jun-06	64	87.8	103
23	10-Jun-06	89	95.4	99
24	11-Jun-06	-	-	-
24	12-Jun-06	86	95.0	101
24	13-Jun-06	-	-	-
24	14-Jun-06	106	106.0	106
24	15-Jun-06	85	92.3	100
24	16-Jun-06	-	-	-
24	17-Jun-06	ns	ns	ns
25	18-Jun-06	ns	ns	ns
25	19-Jun-06	ns	ns	ns
25	20-Jun-06	75	95.7	113
25	21-Jun-06	76	76.0	76
25	22-Jun-06	-	-	-

ns = no sample

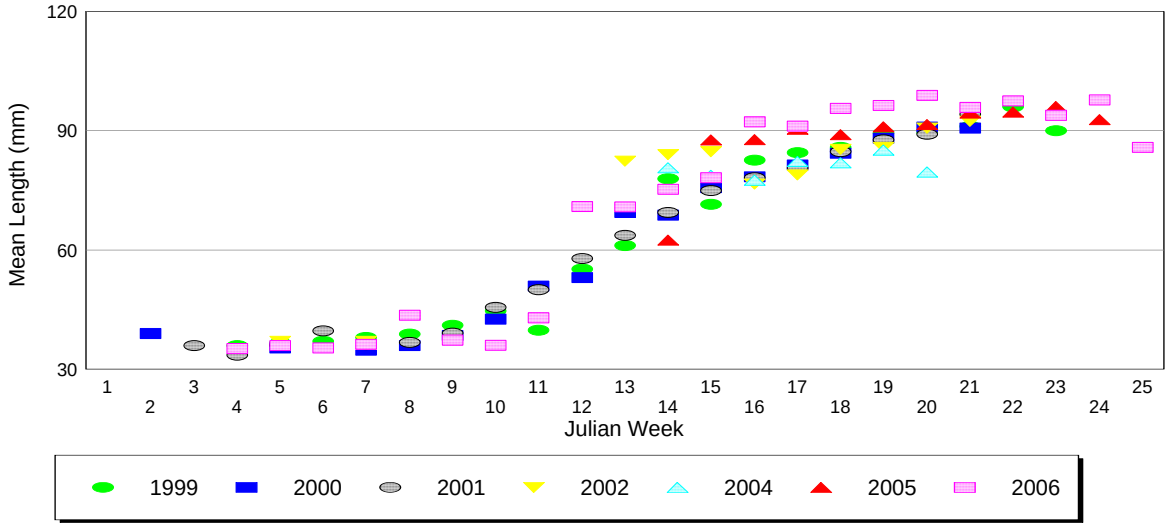
Chinook Mean Length and Flow
at Grayson - 2006



Daily Chinook Mean Length
at Grayson, 1999- 2006



Chinook Mean Length by Julian Week
at Grayson, 1999-2006

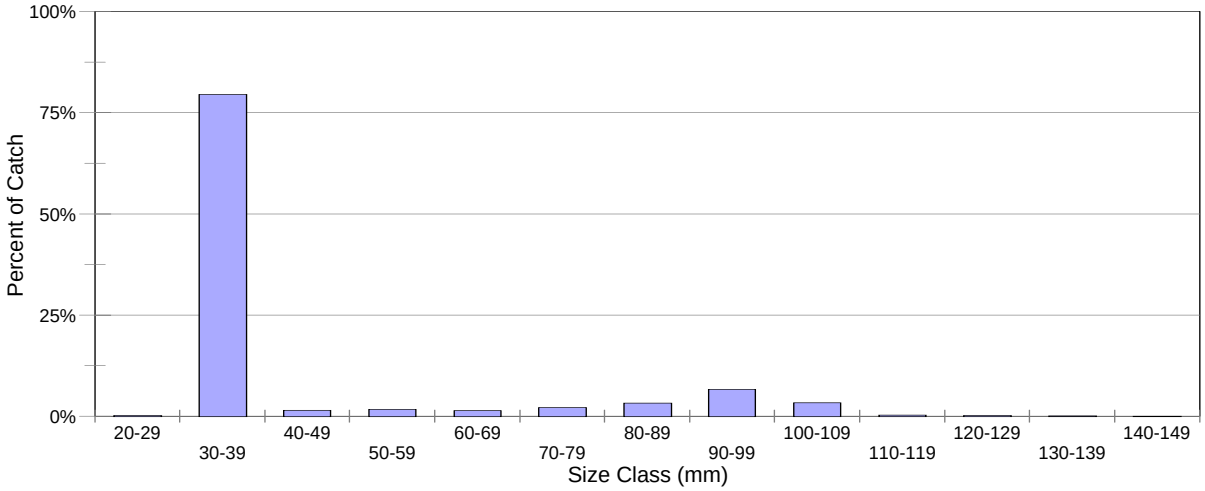


2006 Length frequency table for all Chinook measured at Grayson

Length Interval	Julian Week																						Season	
(mm)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Total	% Total
20-29	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.19%
30-39	214	217	294	94	23	238	113	45	5	9	2	-	1	1	1	-	-	-	-	-	-	-	1,257	79.51%
40-49	2	6	2	3	6	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	1.45%
50-59	-	3	1	2	11	4	1	1	1	-	2	-	-	-	-	-	-	1	-	-	-	-	27	1.71%
60-69	-	-	1	1	2	1	1	2	5	3	1	1	-	-	1	1	-	-	-	2	-	-	22	1.39%
70-79	-	-	-	-	2	-	-	8	3	6	7	-	-	-	2	2	-	-	-	1	2	-	33	2.09%
80-89	-	-	-	-	-	-	-	1	-	10	12	1	4	-	3	4	2	4	2	4	4	-	51	3.23%
90-99	-	-	-	-	-	-	-	-	3	5	6	2	7	4	8	7	10	17	10	22	4	-	105	6.64%
100-109	-	-	-	-	-	-	-	-	-	5	2	-	1	3	6	5	11	3	6	8	3	-	53	3.35%
110-119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	4	0.25%
120-129	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	2	0.13%
130-139	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.06%
140-149	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00%
	216	226	301	100	44	246	115	58	17	38	32	4	0	8	21	19	23	26	18	39	14	0	1,581	

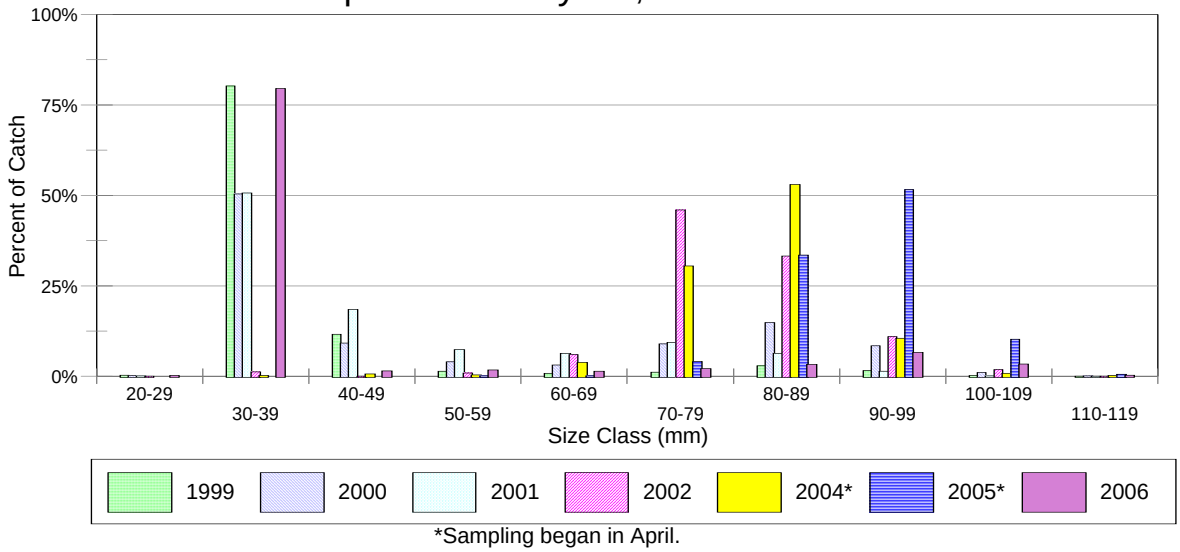
Length Frequency of Chinook

Captured at Grayson - 2006



Length Frequency of Chinook

Captured at Grayson, 1999-2006



*Sampling began in April.

Daily Chinook Mean Weight at Grayson - Year 2006

Julian Week	Date	North Trap Weight (g)	South Trap Weight (g)	Combined Weight (g)	Julian Week	Date	North Trap Weight (g)	South Trap Weight (g)	Combined Weight (g)
4	26-Jan-06	-	-	-	11	16-Mar-06	2.1	0.5	1.8
4	27-Jan-06	-	-	-	11	17-Mar-06	1.5	0.4	0.8
4	28-Jan-06	-	-	-	11	18-Mar-06	-	-	-
5	29-Jan-06	-	-	-	12	19-Mar-06	0.3	0.3	0.3
5	30-Jan-06	-	-	-	12	20-Mar-06	1.7	-	1.7
5	31-Jan-06	-	-	-	12	21-Mar-06	-	6.0	6.0
5	01-Feb-06	-	-	-	12	22-Mar-06	0.4	4.4	3.6
5	02-Feb-06	-	-	-	12	23-Mar-06	4.8	3.1	4.0
5	03-Feb-06	-	-	-	12	24-Mar-06	7.3	-	7.3
5	04-Feb-06	-	-	-	12	25-Mar-06	-	2.4	2.4
6	05-Feb-06	-	-	-	13	26-Mar-06	7.3	-	7.3
6	06-Feb-06	0.4	0.3	0.4	13	27-Mar-06	5.6	4.8	5.0
6	07-Feb-06	-	-	-	13	28-Mar-06	-	5.1	5.1
6	08-Feb-06	-	-	-	13	29-Mar-06	9.5	-	9.5
6	09-Feb-06	-	-	-	13	30-Mar-06	4.9	11.2	6.7
6	10-Feb-06	-	-	-	13	31-Mar-06	7.8	5.0	5.7
6	11-Feb-06	-	-	-	13	01-Apr-06	0.5	3.1	2.2
7	12-Feb-06	-	-	-	14	02-Apr-06	-	-	-
7	13-Feb-06	0.4	1.5	0.4	14	03-Apr-06	2.0	5.5	4.1
7	14-Feb-06	0.4	0.3	0.4	14	04-Apr-06	13.9	8.0	8.7
7	15-Feb-06	-	0.5	0.5	14	05-Apr-06	1.4	-	1.4
7	16-Feb-06	-	-	-	14	06-Apr-06	ns	ns	ns
7	17-Feb-06	0.4	0.4	0.4	14	07-Apr-06	6.9	5.9	6.6
7	18-Feb-06	0.9	0.6	0.8	14	08-Apr-06	4.5	-	4.5
8	19-Feb-06	1.1	-	1.1	15	09-Apr-06	9.3	-	9.3
8	20-Feb-06	-	0.7	0.7	15	10-Apr-06	-	-	-
8	21-Feb-06	0.5	0.4	0.5	15	11-Apr-06	-	-	-
8	22-Feb-06	1.7	0.4	1.2	15	12-Apr-06	-	5.0	5.0
8	23-Feb-06	1.5	1.6	1.6	15	13-Apr-06	9.6	-	9.6
8	24-Feb-06	3.5	2.6	2.7	15	14-Apr-06	-	-	-
8	25-Feb-06	0.4	1.3	0.8	15	15-Apr-06	-	-	-
9	26-Feb-06	-	-	-	16	16-Apr-06	-	-	-
9	27-Feb-06	0.7	0.5	0.6	16	17-Apr-06	8.8	11.2	9.6
9	28-Feb-06	-	-	-	16	18-Apr-06	10.2	10.9	10.6
9	01-Mar-06	0.4	0.5	0.4	16	19-Apr-06	-	-	-
9	02-Mar-06	-	0.4	0.4	16	20-Apr-06	9.6	-	9.6
9	03-Mar-06	-	-	-	16	21-Apr-06	9.1	10.0	9.4
9	04-Mar-06	-	-	-	16	22-Apr-06	7.5	-	7.5
10	05-Mar-06	-	-	-	17	23-Apr-06	8.2	-	8.2
10	06-Mar-06	-	0.4	0.4	17	24-Apr-06	-	-	-
10	07-Mar-06	-	-	-	17	25-Apr-06	-	-	-
10	08-Mar-06	-	-	-	17	26-Apr-06	9.9	14.7	13.1
10	09-Mar-06	1.2	-	1.2	17	27-Apr-06	-	-	-
10	10-Mar-06	-	-	-	17	28-Apr-06	6.0	-	6.0
10	11-Mar-06	-	-	-	17	29-Apr-06	10.8	10.9	10.8
11	12-Mar-06	-	-	-	18	30-Apr-06	10.0	8.2	9.1
11	13-Mar-06	2.2	1.1	1.4	18	01-May-06	10.3	5.1	7.2
11	14-Mar-06	-	-	-	18	02-May-06	-	-	-
11	15-Mar-06	1.3	0.3	0.9	18	03-May-06	12.7	11.9	12.3

Daily Chinook Mean Weight at Grayson - Year 2006

Julian Week	Date	North Trap Weight (g)	South Trap Weight (g)	Combined Weight (g)
18	04-May-06	11.7	11.2	11.6
18	05-May-06	11.7	-	11.7
18	06-May-06	7.9	12.0	10.0
19	07-May-06	13.7	9.2	12.6
19	08-May-06	ns	ns	ns
19	09-May-06	9.2	-	9.2
19	10-May-06	-	9.2	9.2
19	11-May-06	-	-	-
19	12-May-06	-	-	-
19	13-May-06	-	-	-
20	14-May-06	10.4	9.6	10.1
20	15-May-06	ns	ns	ns
20	16-May-06	ns	ns	ns
20	17-May-06	14.6	11.8	13.2
20	18-May-06	10.0	11.1	10.3
20	19-May-06	11.9	12.9	12.2
20	20-May-06	10.0	-	10.0
21	21-May-06	ns	ns	ns
21	22-May-06	ns	ns	ns
21	23-May-06	ns	ns	ns
21	24-May-06	-	-	-
21	25-May-06	9.5	9.5	9.5
21	26-May-06	14.6	10.8	12.7
21	27-May-06	9.5	10.4	10.0
22	28-May-06	ns	ns	ns
22	29-May-06	ns	ns	ns
22	30-May-06	ns	ns	ns
22	31-May-06	ns	ns	ns
22	01-Jun-06	9.8	10.9	10.3
22	02-Jun-06	14.0	-	14.0
22	03-Jun-06	10.4	10.3	10.3
23	04-Jun-06	-	11.2	11.2
23	05-Jun-06	-	-	-
23	06-Jun-06	-	-	-
23	07-Jun-06	-	-	-
23	08-Jun-06	8.4	-	8.4
23	09-Jun-06	13.2	6.2	7.9
23	10-Jun-06	10.6	9.8	10.1
24	11-Jun-06	-	-	-
24	12-Jun-06	-	11.0	11.0
24	13-Jun-06	-	-	-
24	14-Jun-06	-	14.2	14.2
24	15-Jun-06	10.0	-	10.0
24	16-Jun-06	-	-	-
24	17-Jun-06	ns	ns	ns
25	18-Jun-06	ns	ns	ns
25	19-Jun-06	ns	ns	ns
25	20-Jun-06	5.6	14.7	11.7
25	21-Jun-06	-	5.9	5.9
25	22-Jun-06	-	-	-

ns = no sample

Smolt index values for all natural Chinook rated at Grayson during 2006.

	ST004N					ST004S					Combined			
Date	1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index
26-Jan-06	36	-	-	1.00		24	-	-	1.00		60	-	-	1.00
27-Jan-06	42	-	-	1.00		32	-	-	1.00		74	-	-	1.00
28-Jan-06	57	-	-	1.00		32	-	-	1.00		89	-	-	1.00
29-Jan-06	3	-	-	1.00		10	-	-	1.00		13	-	-	1.00
30-Jan-06	11	-	-	1.00		18	1	-	1.05		29	1	-	1.03
31-Jan-06	-	-	-	-		12	-	-	1.00		12	-	-	1.00
01-Feb-06	3	-	-	1.00		37	-	-	1.00		40	-	-	1.00
02-Feb-06	29	-	-	1.00		20	-	-	1.00		49	-	-	1.00
03-Feb-06	12	-	-	1.00		20	-	-	1.00		32	-	-	1.00
04-Feb-06	27	-	-	1.00		22	-	-	1.00		49	-	-	1.00
05-Feb-06	10	-	-	1.00		14	-	-	1.00		24	-	-	1.00
06-Feb-06	40	-	-	1.00		26	-	-	1.00		66	-	-	1.00
07-Feb-06	37	-	-	1.00		24	-	-	1.00		61	-	-	1.00
08-Feb-06	20	-	-	1.00		20	-	-	1.00		40	-	-	1.00
09-Feb-06	22	-	-	1.00		14	-	-	1.00		36	-	-	1.00
10-Feb-06	18	-	-	1.00		19	-	-	1.00		37	-	-	1.00
11-Feb-06	11	-	-	1.00		9	-	-	1.00		20	-	-	1.00
12-Feb-06	26	-	-	1.00		9	-	-	1.00		35	-	-	1.00
13-Feb-06	17	-	-	1.00		8	1	-	1.11		25	1	-	1.04
14-Feb-06	8	-	-	1.00		8	-	-	1.00		16	-	-	1.00
15-Feb-06	-	-	-	-		6	-	-	1.00		6	-	-	1.00
16-Feb-06	-	-	-	-		6	-	-	1.00		6	-	-	1.00
17-Feb-06	2	-	-	1.00		1	-	-	1.00		3	-	-	1.00
18-Feb-06	5	1	-	1.17		4	-	-	1.00		9	1	-	1.10
19-Feb-06	3	1	-	1.25		-	-	-	-		3	1	-	1.25
20-Feb-06	-	-	-	-		4	-	-	1.00		4	-	-	1.00
21-Feb-06	6	1	-	1.14		2	-	-	1.00		8	1	-	1.11
22-Feb-06	3	2	-	1.40		3	-	-	1.00		6	2	-	1.25
23-Feb-06	1	2	-	1.67		3	2	-	1.40		4	4	-	1.50
24-Feb-06	-	1	-	2.00		3	3	-	1.50		3	4	-	1.57
25-Feb-06	2	-	-	1.00		1	1	-	1.50		3	1	-	1.25
26-Feb-06	2	-	-	1.00		2	-	-	1.00		4	-	-	1.00
27-Feb-06	2	1	-	1.33		2	-	-	1.00		4	1	-	1.20
28-Feb-06	1	1	-	1.50		-	-	-	-		1	1	-	1.50
01-Mar-06	5	-	-	1.00		8	-	-	1.00		13	-	-	1.00
02-Mar-06	50	-	-	1.00		41	-	-	1.00		91	-	-	1.00
03-Mar-06	35	1	-	1.03		18	-	-	1.00		53	1	-	1.02
04-Mar-06	13	-	-	1.00		57	-	-	1.00		70	-	-	1.00
05-Mar-06	47	-	-	1.00		10	-	-	1.00		57	-	-	1.00

Smolt index values for all natural Chinook rated at Grayson during 2006.

	ST004N					ST004S					Combined			
Date	1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index
06-Mar-06	-	-	-	-		1	-	-	1.00		1	-	-	1.00
07-Mar-06	1	-	-	1.00		8	-	-	1.00		9	-	-	1.00
08-Mar-06	-	-	-	-		-	-	-	-		-	-	-	-
09-Mar-06	9	2	-	1.18		14	-	-	1.00		23	2	-	1.08
10-Mar-06	-	-	-	-		3	-	-	1.00		3	-	-	1.00
11-Mar-06	10	-	-	1.00		11	-	-	1.00		21	-	-	1.00
12-Mar-06	6	1	-	1.14		8	-	-	1.00		14	1	-	1.07
13-Mar-06	1	1	-	1.50		4	1	-	1.20		5	2	-	1.29
14-Mar-06	2	1	-	1.33		3	-	-	1.00		5	1	-	1.17
15-Mar-06	4	1	-	1.20		4	-	-	1.00		8	1	-	1.11
16-Mar-06	2	2	-	1.50		1	-	-	1.00		3	2	-	1.40
17-Mar-06	2	1	-	1.33		5	-	-	1.00		7	1	-	1.13
18-Mar-06	3	2	-	1.40		1	2	-	1.67		4	4	-	1.50
19-Mar-06	1	-	-	1.00		2	-	-	1.00		3	-	-	1.00
20-Mar-06	1	1	-	1.50		-	-	-	-		1	1	-	1.50
21-Mar-06	-	-	-	-		-	2	-	2.00		-	2	-	2.00
22-Mar-06	1	-	-	1.00		-	3	1	2.25		1	3	1	2.00
23-Mar-06	-	1	-	2.00		-	1	-	2.00		-	2	-	2.00
24-Mar-06	-	1	1	2.50		-	-	-	-		-	1	1	2.50
25-Mar-06	-	-	-	-		-	1	-	2.00		-	1	-	2.00
26-Mar-06	-	1	1	2.50		-	-	-	-		-	1	1	2.50
27-Mar-06	-	1	1	2.50		1	-	1	2.00		1	1	2	2.25
28-Mar-06	-	1	-	2.00		1	-	1	2.00		1	1	1	2.00
29-Mar-06	-	-	2	3.00		-	-	-	-		-	-	2	3.00
30-Mar-06	3	3	5	2.18		-	-	4	3.00		3	3	9	2.40
31-Mar-06	-	-	1	3.00		1	-	2	2.33		1	-	3	2.50
01-Apr-06	2	-	-	1.00		1	1	2	2.25		3	1	2	1.83
02-Apr-06	-	-	-	-		-	-	-	-		-	-	-	-
03-Apr-06	1	1	-	1.50		1	-	2	2.33		2	1	2	2.00
04-Apr-06	-	-	1	3.00		-	1	6	2.86		-	1	7	2.88
05-Apr-06	-	1	-	2.00		-	-	-	-		-	1	-	2.00
06-Apr-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
07-Apr-06	-	1	10	2.91		-	-	4	3.00		-	1	14	2.93
08-Apr-06	-	1	1	2.50		-	-	-	-		-	1	1	2.50
09-Apr-06	-	-	1	3.00		-	-	-	-		-	-	1	3.00
10-Apr-06	-	-	-	-		-	-	-	-		-	-	-	-
11-Apr-06	-	-	-	-		-	-	-	-		-	-	-	-
12-Apr-06	-	-	-	-		-	2	-	2.00		-	2	-	2.00
13-Apr-06	-	-	1	3.00		-	-	-	-		-	-	1	3.00

Smolt index values for all natural Chinook rated at Grayson during 2006.

	ST004N					ST004S					Combined			
Date	1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index
14-Apr-06	-	-	-	-		-	-	-	-		-	-	-	-
15-Apr-06	-	-	-	-		-	-	-	-		-	-	-	-
16-Apr-06	1	-	1	2.00		-	-	-	-		1	-	1	2.00
17-Apr-06	-	-	2	3.00		-	-	1	3.00		-	-	3	3.00
18-Apr-06	-	-	1	3.00		-	-	1	3.00		-	-	2	3.00
19-Apr-06	-	-	-	-		-	-	-	-		-	-	-	-
20-Apr-06	-	-	1	3.00		-	-	-	-		-	-	1	3.00
21-Apr-06	-	1	1	2.50		-	-	1	3.00		-	1	2	2.67
22-Apr-06	-	-	2	3.00		-	-	-	-		-	-	2	3.00
23-Apr-06	-	-	1	3.00		-	-	-	-		-	-	1	3.00
24-Apr-06	-	-	-	-		-	-	-	-		-	-		-
25-Apr-06	-	-	-	-		-	-	-	-		-	-		-
26-Apr-06	-	-	1	3.00		-	-	2	3.00		-	-	3	3.00
27-Apr-06	-	-	-	-		-	-	-	-		-	-		-
28-Apr-06	1	-	1	2.00		-	-	-	-		1	-	1	2.00
29-Apr-06	-	-	2	3.00		-	-	1	3.00		-	-	3	3.00
30-Apr-06	-	-	1	3.00		-	-	1	3.00		-	-	2	3.00
01-May-06	-	-	2	3.00		-	-	2	3.00		-	-	4	3.00
02-May-06	-	-	-	-		-	-	-	-		-	-		-
03-May-06	-	-	1	3.00		-	-	1	3.00		-	-	2	3.00
04-May-06	-	-	3	3.00		-	-	1	3.00		-	-	4	3.00
05-May-06	-	-	1	3.00		-	-	-	-		-	-	1	3.00
06-May-06	-	-	2	3.00		-	-	1	3.00		-	-	3	3.00
07-May-06	-	-	3	3.00		-	-	1	3.00		-	-	4	3.00
08-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
09-May-06	-	-	3	3.00		-	-	-	-		-	-	3	3.00
10-May-06	-	-	-	-		-	-	2	3.00		-	-	2	3.00
11-May-06	-	-	4	3.00		-	-	1	3.00		-	-	5	3.00
12-May-06	-	-	-	-		-	-	-	-		-	-	-	-
13-May-06	-	-	-	-		-	-	-	-		-	-	-	-
14-May-06	-	-	3	3.00		-	-	2	3.00		-	-	5	3.00
15-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
16-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
17-May-06	-	-	1	3.00		-	-	1	3.00		-	-	2	3.00
18-May-06	-	-	4	3.00		-	-	2	3.00		-	-	6	3.00
19-May-06	-	-	5	3.00		-	-	2	3.00		-	-	7	3.00
20-May-06	-	-	1	3.00		-	-	-	-		-	-	1	3.00
21-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
22-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns

Smolt index values for all natural Chinook rated at Grayson during 2006.

	ST004N					ST004S					Combined			
Date	1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index		1-fry	2-parr	3-smolt	Mean Index
23-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
24-May-06	-	-	1	3.00		-	-	4	3.00		-	-	5	3.00
25-May-06	-	-	5	3.00		-	-	3	3.00		-	-	8	3.00
26-May-06	-	-	2	3.00		-	-	2	3.00		-	-	4	3.00
27-May-06	-	-	3	3.00		-	-	4	3.00		-	-	7	3.00
28-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
29-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
30-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
31-May-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
01-Jun-06	-	-	2	3.00		-	-	2	3.00		-	-	4	3.00
02-Jun-06	-	-	3	3.00		-	-	1	3.00		-	-	4	3.00
03-Jun-06	-	-	5	3.00		-	-	2	3.00		-	-	7	3.00
04-Jun-06	-	-	-	-		-	-	7	3.00		-	-	7	3.00
05-Jun-06	-	-	6	3.00		-	-	-	-		-	-	6	3.00
06-Jun-06	-	-	1	3.00		-	-	2	3.00		-	-	3	3.00
07-Jun-06	-	-	4	3.00		-	-	2	3.00		-	-	6	3.00
08-Jun-06	-	-	3	3.00		-	-	-	-		-	-	3	3.00
09-Jun-06	-	-	1	3.00		-	1	2	2.67		-	1	3	2.75
10-Jun-06	-	-	2	3.00		-	-	3	3.00		-	-	5	3.00
11-Jun-06	-	-	-	-		-	-	-	-		-	-	-	-
12-Jun-06	-	-	-	-		-	-	3	3.00		-	-	3	3.00
13-Jun-06	-	-	-	-		-	-	-	-		-	-	-	-
14-Jun-06	-	-	-	-		-	-	1	3.00		-	-	1	3.00
15-Jun-06	-	-	3	3.00		-	-	-	-		-	-	3	3.00
16-Jun-06	-	-	-	-		-	-	-	-		-	-	-	-
17-Jun-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns		ns	ns	ns	ns		ns	ns	ns	ns
20-Jun-06	-	-	1	3.00		-	-	2	3.00		-	-	3	3.00
21-Jun-06	-	-	-	-		-	-	1	3.00		-	-	1	3.00
22-Jun-06	-	-	-	-		-	-	-	-		-	-	-	-

1 = Fry/Sac fry

2 = Parr

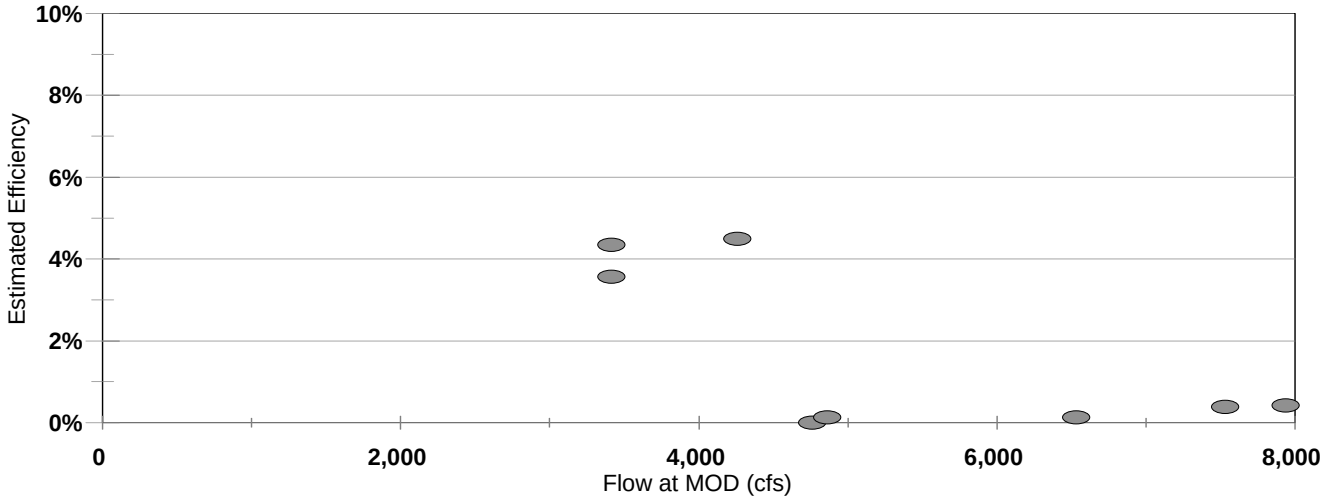
3 = Smolt

Grayson Releases and Recapture Data - Year 2006

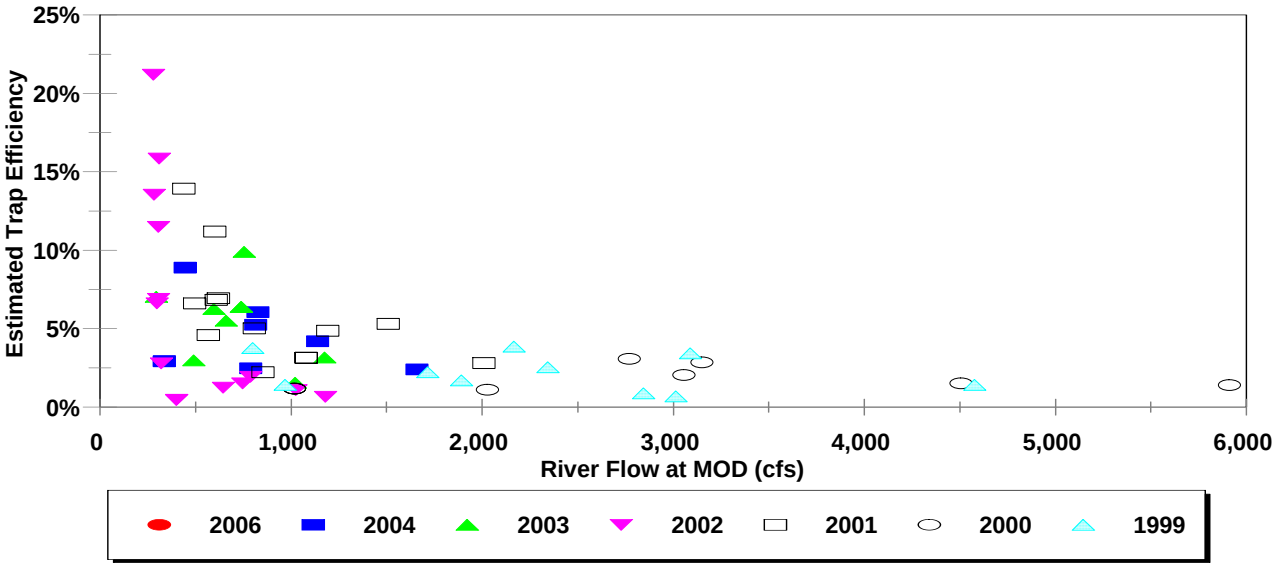
Designated Release Code	Release Location	Release Date	Mark Type	Fish Stock	Release Time	Adjusted # Released	Number Recaptured	% Recaptured	Mean Length at Release (mm)	Mean Length at Recap. (mm)	Flow (cfs) at MOD
G1	Grayson	09-Feb-06	CFP	WILD	06:15 PM	37	5	13.5%	34.6	35.2	3,393
G2	Grayson	11-Feb-06	CFP	WILD	06:30 PM	26	4	15.4%	34.9	37.3	3,437
G3	Grayson	12-Feb-06	CFP	WILD	06:00 PM	23	1	4.3%	36.1	37.0	3,416
G4	Grayson	13-Feb-06	CFP	WILD	06:03 PM	28	1	3.6%	35.5	33.0	3,418
G5	Grayson	03-Mar-06	CFG	WILD	08:30 PM	89	4	4.5%	34.8	35.3	4,261
G6	Grayson	05-May-06	CFY	HATCHERY	08:45 PM	949	4	0.4%	73.2	74.3	7,942
G7	Grayson	12-May-06	CFY	HATCHERY	09:38 PM	1,286	5	0.4%	81.8	76.6	7,534
G8	Grayson	25-May-06	TCY	HATCHERY	09:15 PM	1,532	2	0.1%	83.7	69.5	6,537
G9	Grayson	01-Jun-06	TCY	HATCHERY	09:04 PM	1,694	0	0.0%	91.9	-	4,764
G10	Grayson	14-Jun-06	TCY	HATCHERY	09:40 PM	1,507	2	0.1%	85.4	83.0	4,864

Estimated Trap Efficiency at Grayson

and River Flow - 2006



Trap Efficiency at Grayson, 1999-2006



Number and Date of all Recaptures at Grayson during 2006.

Date	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
26-Jan-06										
27-Jan-06										
28-Jan-06										
29-Jan-06										
30-Jan-06										
31-Jan-06										
01-Feb-06										
02-Feb-06										
03-Feb-06										
04-Feb-06										
05-Feb-06										
06-Feb-06										
07-Feb-06										
08-Feb-06										
09-Feb-06										
10-Feb-06	5									
11-Feb-06										
12-Feb-06		4								
13-Feb-06			1							
14-Feb-06				1						
15-Feb-06										
16-Feb-06										
17-Feb-06										
18-Feb-06										
19-Feb-06										
20-Feb-06										
21-Feb-06										
22-Feb-06										
23-Feb-06										
24-Feb-06										
25-Feb-06										
26-Feb-06										
27-Feb-06										
28-Feb-06										
01-Mar-06										
02-Mar-06										
03-Mar-06										
04-Mar-06					4					
05-Mar-06										
06-Mar-06										
07-Mar-06										
08-Mar-06										
09-Mar-06										
10-Mar-06										
11-Mar-06										
12-Mar-06										
13-Mar-06										
14-Mar-06										
15-Mar-06										
16-Mar-06										
17-Mar-06										
18-Mar-06										
19-Mar-06										
20-Mar-06										
21-Mar-06										

Number and Date of all Recaptures at Grayson during 2006.

Date	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
22-Mar-06										
23-Mar-06										
24-Mar-06										
25-Mar-06										
26-Mar-06										
27-Mar-06										
28-Mar-06										
29-Mar-06										
30-Mar-06										
31-Mar-06										
01-Apr-06										
02-Apr-06										
03-Apr-06										
04-Apr-06										
05-Apr-06										
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06										
08-Apr-06										
09-Apr-06										
10-Apr-06										
11-Apr-06										
12-Apr-06										
13-Apr-06										
14-Apr-06										
15-Apr-06										
16-Apr-06										
17-Apr-06										
18-Apr-06										
19-Apr-06										
20-Apr-06										
21-Apr-06										
22-Apr-06										
23-Apr-06										
24-Apr-06										
25-Apr-06										
26-Apr-06										
27-Apr-06										
28-Apr-06										
29-Apr-06										
30-Apr-06										
01-May-06										
02-May-06										
03-May-06										
04-May-06										
05-May-06										
06-May-06						4				
07-May-06										
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06										
10-May-06										
11-May-06										
12-May-06										
13-May-06							5			
14-May-06										
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number and Date of all Recaptures at Grayson during 2006.

Date	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06										
18-May-06										
19-May-06										
20-May-06										
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06										
25-May-06										
26-May-06								2		
27-May-06										
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06										
02-Jun-06									0	
03-Jun-06										
04-Jun-06										
05-Jun-06										
06-Jun-06										
07-Jun-06										
08-Jun-06										
09-Jun-06										
10-Jun-06										
11-Jun-06										
12-Jun-06										
13-Jun-06										
14-Jun-06										
15-Jun-06										2
16-Jun-06										
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
21-Jun-06										
22-Jun-06	5									
Total	10	4	1	1	4	4	5	2	0	2
	G1	**G2**	**G3**	**G4**	**G5**	**G6**	**G7**	**G8**	**G9**	**G10**

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS	BKB	BKS	C	CHC	GF	GSF	GSN	HCH	HH	LAM	LMB	LP
26-Jan-06													
27-Jan-06													
28-Jan-06											1		
29-Jan-06													
30-Jan-06													
31-Jan-06								1					
01-Feb-06													
02-Feb-06													
03-Feb-06											1		
04-Feb-06													
05-Feb-06													
06-Feb-06													
07-Feb-06													
08-Feb-06											1		
09-Feb-06						1							
10-Feb-06					1								
11-Feb-06													
12-Feb-06												1	
13-Feb-06													
14-Feb-06													
15-Feb-06											2		
16-Feb-06											1		
17-Feb-06													
18-Feb-06		1											
19-Feb-06													
20-Feb-06											1		
21-Feb-06	2												
22-Feb-06	1										1		
23-Feb-06	1												
24-Feb-06	1												
25-Feb-06	2												
26-Feb-06	1												
27-Feb-06													
28-Feb-06												1	
01-Mar-06					2							1	
02-Mar-06													
03-Mar-06							1						
04-Mar-06											1		
05-Mar-06											2		
06-Mar-06													

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS	BKB	BKS	C	CHC	GF	GSF	GSN	HCH	HH	LAM	LMB	LP
07-Mar-06													
08-Mar-06													
09-Mar-06													
10-Mar-06													
11-Mar-06								1					
12-Mar-06									1				
13-Mar-06										1			
14-Mar-06													
15-Mar-06									1				
16-Mar-06													
17-Mar-06											2		
18-Mar-06											4		
19-Mar-06													
20-Mar-06													
21-Mar-06													
22-Mar-06						1			1		1		
23-Mar-06													
24-Mar-06	1												
25-Mar-06													
26-Mar-06													
27-Mar-06													
28-Mar-06													
29-Mar-06													
30-Mar-06	1				1						36		
31-Mar-06										1	7		
01-Apr-06	1												
02-Apr-06											9		
03-Apr-06										1			
04-Apr-06													
05-Apr-06													
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06	1									1		1	
08-Apr-06	2												
09-Apr-06										1			
10-Apr-06	1									3			
11-Apr-06										1			
12-Apr-06													
13-Apr-06										3			
14-Apr-06													
15-Apr-06													

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS	BKB	BKS	C	CHC	GF	GSF	GSN	HCH	HH	LAM	LMB	LP
16-Apr-06													
17-Apr-06													
18-Apr-06													
19-Apr-06													
20-Apr-06										1			
21-Apr-06										6			
22-Apr-06										5			
23-Apr-06										9			
24-Apr-06													
25-Apr-06													
26-Apr-06										2			
27-Apr-06													
28-Apr-06										2			
29-Apr-06										1			
30-Apr-06	1												
01-May-06								1		2			
02-May-06													
03-May-06													
04-May-06					1					2			
05-May-06	1									1			
06-May-06	1												
07-May-06													
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06												5	
10-May-06											1		
11-May-06				1						2		1	
12-May-06				2						3		9	
13-May-06	1										1	11	
14-May-06				15						1		120	
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06				232						1		135	
18-May-06	2			207						1		147	
19-May-06				1,491						1		32	
20-May-06				1,364									
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06				1,430								26	
25-May-06	1			1,318								14	

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS	BKB	BKS	C	CHC	GF	GSF	GSN	HCH	HH	LAM	LMB	LP
26-May-06	1			1,880								35	
27-May-06				838								9	
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06	2			2,121								19	
02-Jun-06	3		1	6,072				1				18	
03-Jun-06	3			4,596				1		1		5	
04-Jun-06			51	3,972						5		35	
05-Jun-06			8	2,013								2	
06-Jun-06			157	2,063								8	1
07-Jun-06			56	1,140								29	1
08-Jun-06				797								8	
09-Jun-06			25	620				25				114	
10-Jun-06			7	1,185				9		4		43	
11-Jun-06				1,813				1		1		5	
12-Jun-06	1		3	922								13	
13-Jun-06			9	2,590								1	
14-Jun-06	1		1	263				2		1		6	
15-Jun-06			3	170						2		16	
16-Jun-06			2	74	1							13	
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06			5	55								3	
21-Jun-06			1	42								3	
22-Jun-06													
Total	33	1	329	39,286	6	2	1	42	3	66	72	889	2
	BGS	BKB	BKS	C	CHC	GF	GSF	GSN	HCH	HH	LAM	LMB	LP

ns = no sample

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MQK	MSS	PRS	RES	RSN	SASQ	SASU	SCB	SMB	TFS	UNID	W	WHC
26-Jan-06													1
27-Jan-06	1												
28-Jan-06													
29-Jan-06					1								
30-Jan-06													
31-Jan-06													
01-Feb-06													
02-Feb-06		1		1									
03-Feb-06													
04-Feb-06													
05-Feb-06													
06-Feb-06	1												
07-Feb-06		1			1								
08-Feb-06													
09-Feb-06													1
10-Feb-06													
11-Feb-06													
12-Feb-06													
13-Feb-06	1												1
14-Feb-06													
15-Feb-06				1									
16-Feb-06													
17-Feb-06													
18-Feb-06													
19-Feb-06													
20-Feb-06													
21-Feb-06						1							
22-Feb-06												1	
23-Feb-06													
24-Feb-06	1												
25-Feb-06		1											2
26-Feb-06		1		1									1
27-Feb-06													
28-Feb-06													
01-Mar-06													
02-Mar-06													1
03-Mar-06					1								
04-Mar-06	1									10			
05-Mar-06										1			
06-Mar-06													

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MQK	MSS	PRS	RES	RSN	SASQ	SASU	SCB	SMB	TFS	UNID	W	WHC
07-Mar-06										3			
08-Mar-06													
09-Mar-06						1							
10-Mar-06													1
11-Mar-06										2			3
12-Mar-06													1
13-Mar-06				1									1
14-Mar-06		1											1
15-Mar-06													
16-Mar-06													1
17-Mar-06													3
18-Mar-06					1								
19-Mar-06													2
20-Mar-06						1							
21-Mar-06													
22-Mar-06													
23-Mar-06													1
24-Mar-06													
25-Mar-06													
26-Mar-06					2								3
27-Mar-06													
28-Mar-06													3
29-Mar-06													
30-Mar-06					1					3			1
31-Mar-06						1							2
01-Apr-06													
02-Apr-06										1			
03-Apr-06						1							
04-Apr-06													
05-Apr-06													
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06	1				3	1					1		
08-Apr-06						3							
09-Apr-06	1			1		2							1
10-Apr-06						12							
11-Apr-06						7							
12-Apr-06						3							
13-Apr-06						6							
14-Apr-06						17							
15-Apr-06						12	1						

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MQK	MSS	PRS	RES	RSN	SASQ	SASU	SCB	SMB	TFS	UNID	W	WHC
16-Apr-06						7							
17-Apr-06					1	6							1
18-Apr-06												1	1
19-Apr-06						3							
20-Apr-06						4							
21-Apr-06						6						2	
22-Apr-06						4							
23-Apr-06						5							
24-Apr-06						5							
25-Apr-06	1					4	1						
26-Apr-06						1							
27-Apr-06						7							
28-Apr-06						3							
29-Apr-06						1							
30-Apr-06	1	1											
01-May-06						1							
02-May-06													
03-May-06						3							1
04-May-06													
05-May-06						3							
06-May-06					2	1	3						
07-May-06						1							
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06													
10-May-06													
11-May-06						1	1						
12-May-06						2						1	1
13-May-06							2				3		2
14-May-06					1		1				1		1
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06													
18-May-06						1	3						
19-May-06						1	1						
20-May-06													
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06						1	6		2				
25-May-06							4				1		

Number and Date of Capture for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MQK	MSS	PRS	RES	RSN	SASQ	SASU	SCB	SMB	TFS	UNID	W	WHC
26-May-06		1					2		2		4		
27-May-06							2						
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06						4	20	1	3		1		
02-Jun-06						3	35	1	25		4		
03-Jun-06						1	2						
04-Jun-06			1		1		6	6					
05-Jun-06								1					
06-Jun-06								7					6
07-Jun-06								9					1
08-Jun-06								1	5				1
09-Jun-06							6	8	1				
10-Jun-06		1	1		1	1		1					
11-Jun-06			1					3					1
12-Jun-06			2			1	1	2					
13-Jun-06					1			2					
14-Jun-06			1				1	1					4
15-Jun-06							1	5			2		1
16-Jun-06													
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06								10	1				2
21-Jun-06													1
22-Jun-06													
Total	9	8	6	5	17	149	99	58	39	20	17	5	55
	MQK	MSS	PRS	RES	RSN	SASQ	SASU	SCB	SMB	TFS	UNID	W	WHC

ns = no sample

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKB #Meas.	BKB Length (mm)	BKS #Meas.	BKS Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GF #Meas.	GF Length (mm)	GSF #Meas.	GSF Length (mm)
26-Jan-06														
27-Jan-06														
28-Jan-06														
29-Jan-06														
30-Jan-06														
31-Jan-06														
01-Feb-06														
02-Feb-06														
03-Feb-06														
04-Feb-06														
05-Feb-06														
06-Feb-06														
07-Feb-06														
08-Feb-06														
09-Feb-06											1	380.0		
10-Feb-06									1	45.0				
11-Feb-06														
12-Feb-06														
13-Feb-06														
14-Feb-06														
15-Feb-06														
16-Feb-06														
17-Feb-06														
18-Feb-06			1	191.0										
19-Feb-06														
20-Feb-06														
21-Feb-06	2	71.5												
22-Feb-06	1	84.0												
23-Feb-06	1	111.0												
24-Feb-06	1	24.0												
25-Feb-06	2	40.0												
26-Feb-06	1	72.0												
27-Feb-06														
28-Feb-06														
01-Mar-06									2	44.5				
02-Mar-06														
03-Mar-06													1	91.0
04-Mar-06														
05-Mar-06														

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKB #Meas.	BKB Length (mm)	BKS #Meas.	BKS Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GF #Meas.	GF Length (mm)	GSF #Meas.	GSF Length (mm)
06-Mar-06														
07-Mar-06														
08-Mar-06														
09-Mar-06														
10-Mar-06														
11-Mar-06														
12-Mar-06														
13-Mar-06														
14-Mar-06														
15-Mar-06														
16-Mar-06														
17-Mar-06														
18-Mar-06														
19-Mar-06														
20-Mar-06														
21-Mar-06														
22-Mar-06											1	350.0		
23-Mar-06														
24-Mar-06	1	170.0												
25-Mar-06														
26-Mar-06														
27-Mar-06														
28-Mar-06														
29-Mar-06														
30-Mar-06	1	30.0							1	142.0				
31-Mar-06														
01-Apr-06	1	51.0												
02-Apr-06														
03-Apr-06														
04-Apr-06														
05-Apr-06														
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06	1	39.0												
08-Apr-06	2	42.5												
09-Apr-06														
10-Apr-06	1	55.0												
11-Apr-06														
12-Apr-06														
13-Apr-06														

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKB #Meas.	BKB Length (mm)	BKS #Meas.	BKS Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GF #Meas.	GF Length (mm)	GSF #Meas.	GSF Length (mm)
14-Apr-06														
15-Apr-06														
16-Apr-06														
17-Apr-06														
18-Apr-06														
19-Apr-06														
20-Apr-06														
21-Apr-06														
22-Apr-06														
23-Apr-06														
24-Apr-06														
25-Apr-06														
26-Apr-06														
27-Apr-06														
28-Apr-06														
29-Apr-06														
30-Apr-06	1	25.0												
01-May-06														
02-May-06														
03-May-06														
04-May-06									1	122.0				
05-May-06	1	46.0												
06-May-06	1	28.0												
07-May-06														
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06														
10-May-06														
11-May-06							1	37.0						
12-May-06							2	37.5						
13-May-06	1	27.0												
14-May-06							15	35.3						
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06							40	34.8						
18-May-06	2	28.5					40	34.8						
19-May-06							41	33.7						
20-May-06							40	35.6						
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKB #Meas.	BKB Length (mm)	BKS #Meas.	BKS Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GF #Meas.	GF Length (mm)	GSF #Meas.	GSF Length (mm)
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06							40	36.5						
25-May-06	1	50.0					40	35.9						
26-May-06	1	33.0					62	34.4						
27-May-06							40	33.4						
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06	2	32.5					40	33.8						
02-Jun-06	3	30.0			1	33.0	80	39.5						
03-Jun-06	3	46.7					40	40.5						
04-Jun-06					21	33.4	35	42.4						
05-Jun-06					8	36.4	40	45.4						
06-Jun-06					40	35.7	40	34.5						
07-Jun-06					30	33.4	40	36.8						
08-Jun-06							40	33.8						
09-Jun-06					25	31.6	40	40.0						
10-Jun-06					7	30.9	40	40.7						
11-Jun-06							40	42.3						
12-Jun-06	1	39.0			3	38.3	40	41.7						
13-Jun-06					9	36.7	40	42.4						
14-Jun-06	1	154.0			1	32.0	40	42.3						
15-Jun-06					3	37.7	77	39.9						
16-Jun-06					2	32.0	40	41.4	1	25.0				
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06					5	32.2	40	45.8						
21-Jun-06					1	39.0	33	41.4						
22-Jun-06														
	#Meas. BGS	Length (mm) BGS	#Meas. BKB	Length (mm) BKB	#Meas. BKS	Length (mm) BKS	#Meas. C	Length (mm) C	#Meas. CHC	Length (mm) CHC	#Meas. GF	Length (mm) GF	#Meas. GSF	Length (mm) GSF

ns = no sample

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	GSN #Meas.	GSN Length (mm)	HCH #Meas.	HCH Length (mm)	HH #Meas.	HH Length (mm)	LAM #Meas.	LAM Length (mm)	LMB #Meas.	LMB Length (mm)	LP #Meas.	LP Length (mm)	MQK #Meas.	MQK Length (mm)
26-Jan-06														
27-Jan-06													1	32.0
28-Jan-06														
29-Jan-06														
30-Jan-06														
31-Jan-06	1	143.0												
01-Feb-06														
02-Feb-06														
03-Feb-06														
04-Feb-06														
05-Feb-06														
06-Feb-06													1	28.0
07-Feb-06														
08-Feb-06														
09-Feb-06														
10-Feb-06														
11-Feb-06														
12-Feb-06									1	45.0				
13-Feb-06													1	28.0
14-Feb-06														
15-Feb-06														
16-Feb-06														
17-Feb-06														
18-Feb-06														
19-Feb-06														
20-Feb-06														
21-Feb-06														
22-Feb-06														
23-Feb-06														
24-Feb-06													1	37.0
25-Feb-06														
26-Feb-06														
27-Feb-06														
28-Feb-06									1	45.0				
01-Mar-06									1	46.0				
02-Mar-06														
03-Mar-06														
04-Mar-06													1	27.0
05-Mar-06														

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	GSN #Meas.	GSN Length (mm)	HCH #Meas.	HCH Length (mm)	HH #Meas.	HH Length (mm)	LAM #Meas.	LAM Length (mm)	LMB #Meas.	LMB Length (mm)	LP #Meas.	LP Length (mm)	MQK #Meas.	MQK Length (mm)
06-Mar-06														
07-Mar-06														
08-Mar-06														
09-Mar-06														
10-Mar-06														
11-Mar-06	1	49.0												
12-Mar-06			1	47.0										
13-Mar-06					1	37.0								
14-Mar-06														
15-Mar-06			1	35.0										
16-Mar-06														
17-Mar-06														
18-Mar-06														
19-Mar-06														
20-Mar-06														
21-Mar-06														
22-Mar-06			1	52.0										
23-Mar-06														
24-Mar-06														
25-Mar-06														
26-Mar-06														
27-Mar-06														
28-Mar-06														
29-Mar-06														
30-Mar-06														
31-Mar-06					1	32.0								
01-Apr-06														
02-Apr-06														
03-Apr-06					1	33.0								
04-Apr-06														
05-Apr-06														
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06					1	33.0			1	78.0			1	25.0
08-Apr-06														
09-Apr-06					1	35.0							1	27.0
10-Apr-06					3	30.3								
11-Apr-06					1	37.0								
12-Apr-06														
13-Apr-06					3	29.3								

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	GSN #Meas.	GSN Length (mm)	HCH #Meas.	HCH Length (mm)	HH #Meas.	HH Length (mm)	LAM #Meas.	LAM Length (mm)	LMB #Meas.	LMB Length (mm)	LP #Meas.	LP Length (mm)	MQK #Meas.	MQK Length (mm)
14-Apr-06														
15-Apr-06														
16-Apr-06														
17-Apr-06														
18-Apr-06														
19-Apr-06														
20-Apr-06					1	36.0								
21-Apr-06					6	33.7								
22-Apr-06					5	29.6								
23-Apr-06					9	34.3								
24-Apr-06														
25-Apr-06													1	33.0
26-Apr-06					2	31.5								
27-Apr-06														
28-Apr-06					2	37.0								
29-Apr-06					1	30.0								
30-Apr-06													1	25.0
01-May-06	1	128.0			2	30.0								
02-May-06														
03-May-06														
04-May-06					2	34.5								
05-May-06					1	31.0								
06-May-06														
07-May-06														
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06									5	22.6				
10-May-06							1	19.0						
11-May-06					2	32.0			1	21.0				
12-May-06					3	34.7			9	23.9				
13-May-06									11	22.0				
14-May-06					1	30.0			40	24.8				
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06					1	37.0			40	24.2				
18-May-06					1	30.0			37	24.9				
19-May-06					1	32.0			27	24.6				
20-May-06														
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	GSN #Meas.	GSN Length (mm)	HCH #Meas.	HCH Length (mm)	HH #Meas.	HH Length (mm)	LAM #Meas.	LAM Length (mm)	LMB #Meas.	LMB Length (mm)	LP #Meas.	LP Length (mm)	MQK #Meas.	MQK Length (mm)
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06									26	27.0				
25-May-06									13	26.8				
26-May-06									35	25.5				
27-May-06									9	26.4				
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06									19	26.3				
02-Jun-06	1	65.0							18	27.9				
03-Jun-06	1	109.0			1	30.0			5	27.6				
04-Jun-06					5	47.2			22	28.0				
05-Jun-06									2	28.0				
06-Jun-06									8	31.3	1	36.0		
07-Jun-06									29	32.1	1	37.0		
08-Jun-06									8	31.8				
09-Jun-06	25	31.6							40	30.2				
10-Jun-06	9	32.2			4	32.8			40	31.3				
11-Jun-06	1	29.0			1	51.0			5	30.4				
12-Jun-06									13	33.0				
13-Jun-06									1	30.0				
14-Jun-06	2	31.5			1	47.0			6	30.7				
15-Jun-06					2	48.0			16	26.6				
16-Jun-06									13	32.5				
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06									3	27.3				
21-Jun-06									3	42.3				
22-Jun-06														
	#Meas. GSN	Length (mm) GSN	#Meas. HCH	Length (mm) HCH	#Meas. HH	Length (mm) HH	#Meas. LAM	Length (mm) LAM	#Meas. LMB	Length (mm) LMB	#Meas. LP	Length (mm) LP	#Meas. MQK	Length (mm) MQK

ns = no sample

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MSS #Meas.	MSS Length (mm)	PRS #Meas.	PRS Length (mm)	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)
26-Jan-06												
27-Jan-06												
28-Jan-06												
29-Jan-06							1	38.0				
30-Jan-06												
31-Jan-06												
01-Feb-06												
02-Feb-06	1	29.0			1	145.0						
03-Feb-06												
04-Feb-06												
05-Feb-06												
06-Feb-06												
07-Feb-06	1	63.0					1	28.0				
08-Feb-06												
09-Feb-06												
10-Feb-06												
11-Feb-06												
12-Feb-06												
13-Feb-06												
14-Feb-06												
15-Feb-06					1	54.0						
16-Feb-06												
17-Feb-06												
18-Feb-06												
19-Feb-06												
20-Feb-06												
21-Feb-06									1	46.0		
22-Feb-06												
23-Feb-06												
24-Feb-06												
25-Feb-06	1	31.0										
26-Feb-06	1	31.0			1	173.0						
27-Feb-06												
28-Feb-06												
01-Mar-06												
02-Mar-06												
03-Mar-06							1	49.0				
04-Mar-06												
05-Mar-06												

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MSS #Meas.	MSS Length (mm)	PRS #Meas.	PRS Length (mm)	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)
06-Mar-06												
07-Mar-06												
08-Mar-06												
09-Mar-06									1	33.0		
10-Mar-06												
11-Mar-06												
12-Mar-06												
13-Mar-06					1	180.0						
14-Mar-06	1	51.0										
15-Mar-06												
16-Mar-06												
17-Mar-06												
18-Mar-06							1	57.0				
19-Mar-06												
20-Mar-06									1	37.0		
21-Mar-06												
22-Mar-06												
23-Mar-06												
24-Mar-06												
25-Mar-06												
26-Mar-06							2	55.0				
27-Mar-06												
28-Mar-06												
29-Mar-06												
30-Mar-06							1	50.0				
31-Mar-06									1	42.0		
01-Apr-06												
02-Apr-06												
03-Apr-06									1	45.0		
04-Apr-06												
05-Apr-06												
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06							3	61.7	1	34.0		
08-Apr-06									3	36.7		
09-Apr-06					1	195.0			2	34.5		
10-Apr-06									12	36.8		
11-Apr-06									7	36.6		
12-Apr-06									3	41.7		
13-Apr-06									6	34.8		

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MSS #Meas.	MSS Length (mm)	PRS #Meas.	PRS Length (mm)	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)
14-Apr-06									17	40.6		
15-Apr-06									12	36.0	1	51.0
16-Apr-06									7	35.7		
17-Apr-06							1	60.0	6	33.3		
18-Apr-06												
19-Apr-06									3	35.7		
20-Apr-06									4	37.3		
21-Apr-06									6	35.7		
22-Apr-06									4	36.3		
23-Apr-06									5	34.2		
24-Apr-06									5	33.0		
25-Apr-06									4	44.0	1	40.0
26-Apr-06									1	40.0		
27-Apr-06									7	35.4		
28-Apr-06									3	37.0		
29-Apr-06									1	38.0		
30-Apr-06	1	22.0										
01-May-06									1	34.0		
02-May-06												
03-May-06									3	39.7		
04-May-06												
05-May-06									3	31.3		
06-May-06							2	60.0			3	29.3
07-May-06									1	40.0		
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06												
10-May-06												
11-May-06									1	35.0	1	28.0
12-May-06									2	32.5		
13-May-06											2	27.5
14-May-06							1	32.0			1	39.0
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06												
18-May-06									1	36.0	3	28.3
19-May-06									1	45.0	1	30.0
20-May-06												
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	MSS #Meas.	MSS Length (mm)	PRS #Meas.	PRS Length (mm)	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06									1	66.0	6	25.7
25-May-06											4	31.3
26-May-06	1	26.0									2	24.5
27-May-06											2	28.5
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06									4	52.5	20	28.6
02-Jun-06									3	58.7	35	26.7
03-Jun-06									1	55.0	2	25.5
04-Jun-06			1	39.0			1	54.0			6	32.3
05-Jun-06												
06-Jun-06												
07-Jun-06												
08-Jun-06												
09-Jun-06											6	32.2
10-Jun-06	1	58.0	1	32.0			1	65.0	1	47.0		
11-Jun-06			1	31.0								
12-Jun-06			2	30.0					1	43.0	1	33.0
13-Jun-06							1	52.0				
14-Jun-06			1	30.0							1	37.0
15-Jun-06											1	26.0
16-Jun-06												
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06												
21-Jun-06												
22-Jun-06												
	#Meas. MSS	Length (mm) MSS	#Meas. PRS	Length (mm) PRS	#Meas. RES	Length (mm) RES	#Meas. RSN	Length (mm) RSN	#Meas. SASQ	Length (mm) SASQ	#Meas. SASU	Length (mm) SASU

ns = no sample

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
26-Jan-06											1	37.0
27-Jan-06												
28-Jan-06												
29-Jan-06												
30-Jan-06												
31-Jan-06												
01-Feb-06												
02-Feb-06												
03-Feb-06												
04-Feb-06												
05-Feb-06												
06-Feb-06												
07-Feb-06												
08-Feb-06												
09-Feb-06											1	43.0
10-Feb-06												
11-Feb-06												
12-Feb-06												
13-Feb-06											1	47.0
14-Feb-06												
15-Feb-06												
16-Feb-06												
17-Feb-06												
18-Feb-06												
19-Feb-06												
20-Feb-06												
21-Feb-06												
22-Feb-06									1	27.0		
23-Feb-06												
24-Feb-06												
25-Feb-06											2	44.0
26-Feb-06											1	43.0
27-Feb-06												
28-Feb-06												
01-Mar-06												
02-Mar-06											1	40.0
03-Mar-06												
04-Mar-06					10	69.4						
05-Mar-06					1	32.0						

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
06-Mar-06												
07-Mar-06					3	50.0						
08-Mar-06												
09-Mar-06												
10-Mar-06											1	53.0
11-Mar-06					2	61.0					3	52.3
12-Mar-06											1	48.0
13-Mar-06											1	45.0
14-Mar-06											1	48.0
15-Mar-06												
16-Mar-06											1	42.0
17-Mar-06											3	41.3
18-Mar-06												
19-Mar-06											2	49.5
20-Mar-06												
21-Mar-06												
22-Mar-06												
23-Mar-06											1	41.0
24-Mar-06												
25-Mar-06												
26-Mar-06											3	53.3
27-Mar-06												
28-Mar-06											3	46.7
29-Mar-06												
30-Mar-06					3	61.3					1	45.0
31-Mar-06											2	41.5
01-Apr-06												
02-Apr-06					1	110.0						
03-Apr-06												
04-Apr-06												
05-Apr-06												
06-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
07-Apr-06							1	22.0				
08-Apr-06												
09-Apr-06											1	47.0
10-Apr-06												
11-Apr-06												
12-Apr-06												
13-Apr-06												

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
14-Apr-06												
15-Apr-06												
16-Apr-06												
17-Apr-06											1	38.0
18-Apr-06									1	34.0	1	63.0
19-Apr-06												
20-Apr-06												
21-Apr-06									2	123.5		
22-Apr-06												
23-Apr-06												
24-Apr-06												
25-Apr-06												
26-Apr-06												
27-Apr-06												
28-Apr-06												
29-Apr-06												
30-Apr-06												
01-May-06												
02-May-06												
03-May-06											1	190.0
04-May-06												
05-May-06												
06-May-06												
07-May-06												
08-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
09-May-06												
10-May-06												
11-May-06												
12-May-06									1	73.0	1	54.0
13-May-06							3	21.7			2	140.0
14-May-06							1	24.0			1	43.0
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-May-06												
18-May-06												
19-May-06												
20-May-06												
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Grayson Traps during 2006.

Date	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
23-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
24-May-06			2	121.5								
25-May-06							1	25.0				
26-May-06			2	27.5			4	20.8				
27-May-06												
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
01-Jun-06	1	34.0	3	30.7			1	27.0				
02-Jun-06	1	40.0	24	27.2			4	21.5				
03-Jun-06												
04-Jun-06	6	35.0										
05-Jun-06	1	34.0										
06-Jun-06	7	35.0									6	36.8
07-Jun-06	9	32.9									1	37.0
08-Jun-06	1	36.0	5	32.2							1	56.0
09-Jun-06	8	37.4	1	34.0								
10-Jun-06	1	37.0										
11-Jun-06	3	37.0									1	25.0
12-Jun-06	2	32.0										
13-Jun-06	2	42.5										
14-Jun-06	1	33.0									4	67.0
15-Jun-06	5	34.6					2	21.0			1	42.0
16-Jun-06												
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Jun-06	10	28.9	1	30.0							2	19.0
21-Jun-06											1	26.0
22-Jun-06												
	#Meas. SCB	Length (mm) SCB	#Meas. SMB	Length (mm) SMB	#Meas. TFS	Length (mm) TFS	#Meas. UNID	Length (mm) UNID	#Meas. W	Length (mm) W	#Meas. WHC	Length (mm) WHC

ns = no sample

Grayson 2006 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-Jan-06	01:30 PM	-	-	-	-	-	-	2.79	-	-	-	4	0
26-Jan-06	12:45 PM	-	-	13.7	3.6	3.64	-	2.32	50.0	CLD	Medium	3	-
27-Jan-06	12:30 PM	-	13.9	15.0	3.4	3.78	-	2.51	50.6	CLD	Medium	1	-
28-Jan-06	02:00 PM	6,515	13.9	13.9	3.7	4.44	10.37	2.59	51.1	CLD	Heavy	2	-
29-Jan-06	11:30 AM	1,739	-	14.2	3.6	4.04	10.21	2.53	51.4	CLR	Heavy	3	-
30-Jan-06	12:45 PM	2,803	-	13.8	3.7	4.16	-	2.55	52.2	CLD	Heavy	3	-
31-Jan-06	01:30 PM	1,616	-	13.1	3.5	3.82	-	2.68	51.5	CLD	Heavy	3	-
01-Feb-06	01:30 PM	1,336	-	14.2	3.0	3.39	10.53	2.68	51.4	CLD	Medium	3	-
02-Feb-06	10:45 AM	5,866	13.4	13.6	2.8	4.43	10.25	2.73	51.8	CLD	Light	1	-
03-Feb-06	11:00 AM	6,030	14.1	14.0	3.0	3.28	-	2.28	52.2	FOG	Light	2	-
04-Feb-06	12:15 PM	6,578	14.2	14.3	3.6	3.55	10.30	2.28	52.2	CLD	Light	1	-
05-Feb-06	01:30 PM	6,131	14.2	13.8	3.0	3.41	10.38	2.26	51.7	CLR	Light	1	-
06-Feb-06	10:45 AM	5,605	14.1	13.4	3.2	3.24	10.51	2.45	50.3	CLR	Light	1	-
07-Feb-06	12:00 PM	6,443	13.5	13.7	3.5	3.91	10.55	2.38	51.3	CLR	Light	2	-
08-Feb-06	01:00 PM	6,540	13.5	13.1	3.8	3.88	-	2.60	52.1	CLR	Medium	2	-
09-Feb-06	12:45 PM	6,329	13.3	12.9	3.7	4.30	10.75	2.60	52.5	CLR	Medium	2	-
09-Feb-06	06:00 PM	1,485	-	-	-	-	-	2.68	52.0	NIT	Light	1	-
09-Feb-06	06:45 PM	1,940	-	-	-	-	-	2.68	52.0	NIT	Light	1	-
09-Feb-06	07:45 PM	2,162	-	-	-	-	-	2.68	52.0	NIT	Light	1	-
10-Feb-06	12:15 PM	6,358	14.5	13.3	3.9	3.53	10.44	2.70	52.3	CLR	Medium	2	-
11-Feb-06	12:00 PM	4,522	-	13.4	3.4	3.15	10.47	2.75	52.6	CLR	Medium	3	-
11-Feb-06	05:45 PM	1,677	-	-	-	-	-	2.75	52.0	NIT	Light	1	-
11-Feb-06	08:00 PM	2,184	-	-	-	-	-	2.75	52.0	NIT	Light	1	-
11-Feb-06	09:00 PM	2,455	-	-	-	-	-	2.75	52.0	NIT	Light	1	-
12-Feb-06	01:15 PM	6,820	13.2	13.6	2.8	2.65	10.61	2.68	53.2	CLD	Medium	1	-
12-Feb-06	05:45 PM	1,277	-	-	-	-	-	2.65	52.0	NIT	Light	1	-
12-Feb-06	07:30 PM	1,733	-	-	-	-	-	2.65	52.0	NIT	Light	1	-
12-Feb-06	08:30 PM	2,020	-	-	-	-	-	-	-	NIT	Light	1	-
13-Feb-06	01:45 PM	6,681	13.4	12.8	3.8	3.37	10.65	2.66	53.2	CLR	Medium	2	-
13-Feb-06	06:00 PM	1,071	-	-	-	-	-	2.70	-	NIT	Light	1	-
13-Feb-06	07:30 PM	1,530	-	-	-	-	-	-	-	NIT	Light	1	-
13-Feb-06	08:30 PM	1,769	-	-	-	-	-	-	-	NIT	Light	1	-
14-Feb-06	02:00 PM	6,557	13.5	13.4	3.8	3.02	10.54	2.58	53.7	CLR	Medium	2	-
15-Feb-06	02:00 PM	576	-	-	4.2	2.78	10.54	2.28	52.6	CLR	Light	3	3
16-Feb-06	11:15 AM	-	-	13.4	3.7	-	10.83	2.20	50.1	CLR	-	4	0
17-Feb-06	12:00 PM	6,782	13.7	13.3	3.6	2.27	10.77	2.25	50.1	CLD	Light	1	-
18-Feb-06	11:30 AM	6,277	13.3	13.3	2.8	2.85	10.66	2.20	49.8	CLR	Light	2	-
19-Feb-06	01:30 PM	6,473	14.2	14.6	3.6	2.25	10.49	1.55	51.1	CLD	Medium	2	-
20-Feb-06	01:15 PM	1,927	-	15.3	3.5	2.55	10.66	1.28	50.4	CLR	Light	3	-

Grayson 2006 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
21-Feb-06	12:30 PM	5,295	15.9	15.6	2.8	2.58	10.70	1.00	50.2	CLR	Light	1	-
22-Feb-06	11:30 AM	5,230	16.3	15.9	3.1	2.02	10.51	0.74	50.0	CLR	Light	1	-
23-Feb-06	04:15 PM	6,327	15.0	16.3	3.4	2.12	10.75	2.85	52.9	CLR	Medium	1	-
24-Feb-06	12:45 PM	4,391	17.1	17.1	3.0	2.22	10.56	2.74	51.8	CLR	Medium	1	-
25-Feb-06	01:30 PM	5,266	16.4	17.2	2.9	2.78	10.73	3.00	53.1	CLR	Light	1	-
26-Feb-06	01:15 PM	1,669	-	14.4	3.0	2.72	10.57	3.88	52.5	RAN	Light	3	-
27-Feb-06	12:00 PM	5,845	13.2	13.8	3.6	2.43	10.31	4.00	51.3	RAN	Light	1	-
28-Feb-06	12:15 PM	6,452	13.3	13.9	3.9	2.85	10.25	4.34	53.0	RAN	Medium	2	-
01-Mar-06	04:15 PM	4,065	-	12.1	4.1	-	10.53	4.75	54.2	CLR	Heavy	3	-
02-Mar-06	01:30 PM	5,973	12.1	11.7	3.3	1.78	10.60	5.25	53.3	CLD	Medium	2	-
03-Mar-06	12:45 PM	6,668	10.7	10.7	4.2	4.97	10.49	5.95	51.9	CLD	Medium	3	-
03-Mar-06	08:00 PM	431	-	-	-	-	-	4.95	50.0	NIT	-	3	-
03-Mar-06	10:15 PM	185	-	-	-	-	-	4.95	50.0	NIT	Heavy	3	-
03-Mar-06	11:00 PM	236	-	-	-	-	-	4.95	50.0	NIT	Medium	1	-
04-Mar-06	11:45 AM	495	-	10.2	4.8	2.92	10.51	5.55	51.2	CLR	Light	3	-
05-Mar-06	12:45 PM	8,524	10.7	10.2	4.5	2.90	10.62	5.68	51.5	CLD	Light	2	-
06-Mar-06	01:00 PM	1,052	-	11.8	4.2	1.69	10.51	5.80	52.0	-	Light	3	-
07-Mar-06	12:15 PM	2,943	-	10.4	4.1	3.33	10.56	5.68	52.5	RAN	Medium	3	-
08-Mar-06	11:30 AM	5,737	-	10.9	4.6	3.19	10.54	6.10	51.4	CLR	Heavy	3	-
08-Mar-06	07:30 PM	59	-	-	-	-	-	6.05	-	NIT	Heavy	3	-
09-Mar-06	11:30 AM	710	10.2	10.1	4.6	4.10	10.62	6.38	52.4	CLD	Heavy	3	-
09-Mar-06	09:00 PM	1,350	-	-	-	-	-	6.40	-	NIT	Medium	3	-
10-Mar-06	11:30 AM	448	-	11.5	4.4	3.28	10.48	6.12	51.7	CLR	Heavy	3	-
10-Mar-06	08:00 PM	2,418	-	-	-	-	-	6.05	49.0	NIT	Light	1	-
11-Mar-06	11:00 AM	7,177	11.2	10.8	3.8	3.10	10.45	6.02	50.9	CLD	Light	1	-
12-Mar-06	12:00 PM	8,010	11.5	11.6	3.9	2.90	10.75	5.11	50.4	CLD	Medium	1	-
13-Mar-06	10:45 AM	-	12.2	12.1	4.0	3.56	10.62	4.68	50.6	CLR	Medium	1	-
14-Mar-06	10:15 AM	-	11.7	11.3	4.1	3.70	10.48	4.74	51.5	RAN	Light	1	-
14-Mar-06	07:45 PM	2,998	-	-	-	-	-	4.91	51.0	NIT	Light	1	-
15-Mar-06	12:00 PM	7,935	11.5	11.2	4.4	2.92	10.64	4.87	51.6	CLR	Light	1	-
16-Mar-06	10:45 AM	-	11.3	11.2	4.2	4.42	10.63	5.45	52.0	CLD	Medium	1	-
17-Mar-06	10:30 AM	7,603	11.7	11.7	4.0	4.05	10.34	4.90	51.9	CLD	Light	1	-
18-Mar-06	11:15 AM	7,180	12.8	12.2	4.0	3.83	-	4.50	49.0	CLR	Light	1	-
19-Mar-06	10:15 AM	6,829	12.1	12.1	3.9	4.11	10.34	4.79	51.9	CLR	Medium	1	-
20-Mar-06	10:30 AM	7,069	13.3	11.4	4.3	3.61	10.35	4.92	51.8	CLD	Light	1	-
21-Mar-06	10:30 AM	4,582	-	11.8	4.0	2.57	11.38	5.00	50.4	CLR	Light	3	-
22-Mar-06	10:45 AM	-	11.8	11.5	4.1	3.13	11.39	4.94	51.8	CLR	Light	1	-
23-Mar-06	10:00 AM	7,254	11.7	11.8	4.0	2.43	11.43	4.52	51.8	CLR	Light	1	-
24-Mar-06	09:45 AM	7,122	11.3	11.7	3.9	4.01	11.25	4.60	52.9	CLD	Light	1	-

Grayson 2006 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-Mar-06	10:15 AM	6,977	11.7	11.1	4.4	2.41	11.22	4.56	53.2	CLD	Light	1	-
26-Mar-06	10:30 AM	-	11.2	10.5	4.4	2.75	-	5.64	52.0	CLR	Heavy	1	-
27-Mar-06	10:45 AM	2,474	-	10.9	4.3	5.39	11.22	6.20	52.9	CLR	VeryHeavy	3	-
27-Mar-06	07:30 PM	2,935	-	-	-	-	-	5.90	-	NIT	Light	1	-
28-Mar-06	10:30 AM	7,996	10.2	10.3	4.4	1.94	-	6.15	51.5	CLD	Light	1	-
29-Mar-06	11:00 AM	3,527	-	10.1	4.6	5.15	11.08	-	51.7	RAN	Medium	3	-
29-Mar-06	08:30 PM	2,697	-	-	-	-	-	-	51.0	NIT	Heavy	3	-
30-Mar-06	10:45 AM	4,028	9.5	9.8	4.7	19.90	-	-	50.0	CLD	Heavy	3	-
30-Mar-06	08:30 PM	3,312	-	-	-	-	-	-	-	NIT	Medium	2	-
31-Mar-06	11:15 AM	8,420	10.3	10.2	4.4	5.09	11.29	-	52.1	CLD	Light	1	-
01-Apr-06	11:00 AM	3,875	15.8	9.7	4.2	5.79	-	-	49.0	CLR	Medium	2	-
02-Apr-06	01:45 PM	-	-	10.5	4.7	16.60	-	-	52.0	CLD	Heavy	3	-
02-Apr-06	11:00 PM	2,895	-	-	-	-	-	-	-	NIT	Light	1	-
03-Apr-06	02:30 PM	-	10.1	10.0	-	5.73	-	-	52.0	RAN	Light	1	-
04-Apr-06	12:15 PM	-	10.3	9.2	5.0	11.60	10.48	-	54.2	CLD	Medium	2	-
05-Apr-06	02:15 PM	1,240	-	-	-	75.60	8.68	-	55.7	CLD	Heavy	3	3
06-Apr-06	01:00 PM	-	-	-	-	-	-	-	-	CLR	-	4	0
06-Apr-06	07:30 PM	2,332	-	-	-	-	-	-	52.0	CLR	Light	2	-
07-Apr-06	01:00 PM	-	10.9	10.9	4.0	7.96	10.75	-	54.2	CLR	Heavy	2	-
07-Apr-06	08:45 PM	2,507	-	-	-	-	-	-	52.0	NIT	Light	1	-
08-Apr-06	11:30 AM	7,271	11.2	12.0	4.1	5.09	11.02	-	53.4	CLR	Medium	2	-
08-Apr-06	09:00 PM	2,909	-	-	-	-	-	-	-	NIT	Light	1	-
09-Apr-06	10:45 AM	7,006	11.8	11.7	4.0	3.01	11.17	-	53.4	CLD	Medium	1	-
09-Apr-06	08:30 PM	2,801	-	-	-	-	-	-	52.0	NIT	Light	1	-
10-Apr-06	11:30 AM	7,283	12.0	12.1	3.8	3.49	11.23	-	52.6	RAN	Light	1	-
10-Apr-06	08:30 PM	2,619	-	-	-	-	-	-	52.0	NIT	Light	1	-
11-Apr-06	12:15 PM	7,141	12.9	12.8	3.6	2.95	11.70	-	53.0	CLD	Light	1	-
12-Apr-06	11:30 AM	6,711	12.1	11.9	3.8	2.15	11.36	-	52.4	CLD	Medium	1	-
13-Apr-06	06:00 PM	1,623	-	11.3	3.6	3.62	11.66	-	54.1	CLR	Medium	3	-
14-Apr-06	09:30 AM	-	11.3	10.9	4.1	2.55	11.31	-	53.4	CLD	Light	1	-
15-Apr-06	12:45 PM	2,312	-	11.9	3.8	3.11	11.31	-	53.5	RAN	Light	3	-
15-Apr-06	09:45 PM	2,696	-	-	-	-	-	-	-	NIT	Light	1	-
16-Apr-06	01:15 PM	7,034	11.0	11.1	3.3	4.51	11.38	-	53.6	RAN	Light	1	-
17-Apr-06	11:00 AM	-	11.4	11.0	3.9	3.33	11.52	-	51.6	CLD	Medium	2	-
18-Apr-06	11:30 AM	5,180	10.9	10.9	4.0	4.33	-	-	53.0	CLR	Medium	2	-
19-Apr-06	11:15 AM	576	-	11.0	4.1	3.66	11.73	-	53.1	CLR	Light	3	-
19-Apr-06	10:00 PM	3,240	-	-	-	-	-	-	53.0	NIT	Light	1	-
20-Apr-06	10:15 AM	7,215	11.6	10.6	4.0	3.20	11.66	-	53.3	CLD	Light	2	-
21-Apr-06	01:30 PM	6,630	-	10.8	4.1	2.90	11.98	-	54.3	CLD	Medium	3	-

Grayson 2006 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
22-Apr-06	11:00 AM	-	11.3	10.8	4.0	2.50	-	-	52.0	CLD	Medium	2	-
23-Apr-06	10:15 AM	7,540	11.0	10.6	4.0	3.81	-	-	51.0	CLD	Medium	1	-
24-Apr-06	10:30 AM	7,888	11.3	11.1	4.3	3.22	-	-	51.0	CLD	Medium	1	-
25-Apr-06	10:45 AM	7,329	11.1	10.8	4.0	3.76	-	4.00	52.0	CLD	Light	1	-
26-Apr-06	10:30 AM	7,785	10.6	10.2	3.9	3.52	-	4.14	52.0	CLR	Medium	2	-
27-Apr-06	09:45 AM	7,804	10.5	10.8	3.9	3.28	-	4.19	52.0	CLR	Medium	1	-
28-Apr-06	09:45 AM	7,972	10.3	10.3	4.3	3.17	-	4.20	52.0	CLR	Medium	1	-
29-Apr-06	10:45 AM	8,361	10.6	9.9	4.4	4.40	-	4.18	53.0	CLR	Medium	1	-
30-Apr-06	10:45 AM	-	11.0	10.2	4.0	3.35	-	4.15	53.0	CLR	Medium	1	-
01-May-06	10:30 AM	-	10.4	10.9	4.2	2.61	-	4.16	53.0	CLR	Medium	1	-
02-May-06	10:30 AM	8,030	10.5	10.6	4.3	3.48	11.65	4.15	54.7	CLR	Medium	2	-
03-May-06	10:30 AM	8,052	10.4	10.3	4.1	2.71	11.60	4.10	54.6	CLR	Light	1	-
04-May-06	11:30 AM	8,408	10.6	10.0	4.3	2.25	11.54	4.00	54.6	CLR	Light	1	-
05-May-06	11:45 AM	8,401	14.0	10.3	4.0	3.05	-	4.00	53.0	CLR	Medium	1	-
05-May-06	08:30 PM	2,986	-	-	-	-	-	4.00	53.0	NIT	Light	1	-
05-May-06	10:30 PM	3,577	-	-	-	-	-	4.00	53.0	NIT	Light	1	-
05-May-06	11:30 PM	4,070	-	-	-	-	-	4.00	53.0	NIT	Light	1	-
06-May-06	02:15 PM	8,998	10.2	10.1	3.8	2.15	11.70	4.00	55.6	CLR	Medium	1	-
07-May-06	12:30 PM	7,351	11.4	10.2	4.3	2.56	11.67	4.00	55.4	CLR	Light	1	3
08-May-06	03:00 PM	-	-	-	-	-	-	4.00	-	-	-	4	0
09-May-06	11:30 AM	6,909	10.5	10.1	3.9	2.98	11.50	4.20	55.6	CLR	Medium	1	-
10-May-06	12:30 PM	936	-	10.3	4.3	2.13	-	3.65	57.0	CLR	Light	3	-
11-May-06	11:15 AM	7,550	10.7	10.7	4.2	2.35	11.56	-	55.4	CLR	Light	1	-
12-May-06	03:15 PM	9,628	-	11.2	4.1	2.07	11.47	3.52	57.0	CLR	Light	3	-
12-May-06	09:15 PM	2,013	-	-	-	-	-	3.50	54.0	NIT	Light	1	-
12-May-06	11:30 PM	2,745	-	-	-	-	-	3.48	54.0	NIT	Light	1	-
13-May-06	12:30 AM	3,093	-	-	-	-	-	3.48	54.0	NIT	Light	1	-
13-May-06	02:45 PM	7,868	10.2	10.2	4.5	1.77	11.66	3.46	57.2	CLR	Medium	1	-
14-May-06	12:00 PM	7,162	10.9	-	4.0	2.29	11.61	3.51	56.1	CLR	Light	1	3
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	01:00 PM	-	-	-	-	-	-	3.62	-	CLR	-	4	0
17-May-06	11:30 AM	7,782	10.2	10.8	4.3	1.58	11.25	3.45	56.8	CLR	Medium	1	-
18-May-06	03:00 PM	9,317	10.6	10.6	3.8	1.61	11.35	3.40	58.2	CLR	Medium	2	-
19-May-06	01:00 PM	6,876	-	10.1	4.5	1.59	11.32	3.45	57.4	CLR	Medium	3	-
20-May-06	11:45 AM	-	12.3	-	4.3	1.46	11.27	3.38	55.5	CLR	Heavy	2	3
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-May-06	01:15 PM	-	-	-	-	-	-	3.04	-	CLR	-	4	0
24-May-06	01:45 PM	7,952	11.1	10.4	4.0	2.62	11.13	2.70	57.5	CLD	Light	1	-

Grayson 2006 Environmental Data - North Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-May-06	01:30 PM	7,312	11.8	11.2	3.7	1.82	11.01	2.58	57.5	CLR	Medium	2	-
25-May-06	07:45 PM	1,960	-	-	-	-	-	2.56	-	CLR	Light	1	-
25-May-06	11:45 PM	3,234	-	-	-	-	-	2.56	-	NIT	Light	1	-
26-May-06	12:45 AM	3,475	-	-	-	-	-	2.56	-	NIT	Light	1	-
26-May-06	12:00 PM	3,584	11.9	11.3	3.3	1.36	11.04	2.56	56.5	CLR	Light	1	-
27-May-06	09:15 AM	6,361	12.8	-	3.9	1.44	10.93	2.48	54.8	CLR	Medium	1	3
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	12:15 PM	-	-	-	-	-	-	0.90	56.0	CLR	-	4	0
01-Jun-06	01:15 PM	-	-	14.2	-	2.79	10.68	0.34	58.6	CLR	Medium	3	-
01-Jun-06	08:15 PM	1,821	-	-	-	-	-	0.10	-	NIT	Light	1	-
02-Jun-06	12:00 AM	2,759	-	-	-	-	-	0.02	-	NIT	Light	2	-
02-Jun-06	01:45 PM	6,098	15.4	15.1	3.1	1.58	10.22	-	59.6	CLR	Medium	2	-
03-Jun-06	12:45 PM	5,236	17.2	16.4	2.7	3.03	10.30	0.90	60.2	CLR	Heavy	2	-
04-Jun-06	02:00 PM	2,024	-	17.3	3.0	2.89	9.89	0.52	61.7	CLR	Heavy	3	-
05-Jun-06	10:45 AM	4,253	19.7	18.0	2.7	3.83	9.87	0.10	59.5	CLR	Medium	1	-
06-Jun-06	11:30 AM	-	25.1	25.4	2.7	3.96	9.86	2.28	59.5	CLR	Medium	1	-
07-Jun-06	11:00 AM	4,310	20.6	19.8	2.5	2.19	-	2.85	60.0	CLR	Light	1	-
08-Jun-06	03:45 PM	1,789	-	20.7	2.3	2.64	9.97	1.60	61.5	CLR	Medium	3	-
09-Jun-06	12:30 PM	3,831	17.6	16.9	2.9	2.82	10.15	2.50	59.3	CLR	Medium	2	-
10-Jun-06	12:30 PM	2,124	-	15.4	3.4	1.85	10.45	2.70	58.6	CLR	Heavy	3	-
11-Jun-06	12:15 PM	1,581	-	12.4	3.7	2.27	10.55	3.38	58.1	CLR	Heavy	3	-
12-Jun-06	01:15 PM	-	-	12.3	3.8	2.16	10.55	3.50	58.5	CLR	Light	3	-
13-Jun-06	01:00 PM	6,942	13.6	12.1	3.7	1.60	10.74	3.29	58.1	CLD	Medium	1	-
14-Jun-06	12:30 PM	1,871	-	13.0	3.7	1.78	10.74	3.01	57.6	CLR	Light	3	-
14-Jun-06	09:15 PM	2,440	-	-	-	-	-	3.14	-	NIT	Light	1	-
14-Jun-06	11:45 PM	2,563	-	-	-	-	-	3.14	-	NIT	Light	2	-
15-Jun-06	12:30 PM	-	12.8	12.5	4.0	1.84	10.64	3.28	58.5	CLR	Light	2	-
16-Jun-06	11:00 AM	-	13.3	-	3.4	1.58	10.55	3.10	59.0	CLR	Medium	1	3
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	10:45 AM	-	-	-	-	-	-	1.20	-	CLR	-	4	0
20-Jun-06	10:45 AM	5,787	14.3	13.5	3.5	2.01	10.35	1.20	58.9	CLR	Medium	1	-
21-Jun-06	10:30 AM	6,355	14.1	12.8	4.0	2.51	10.50	2.48	60.0	CLR	Heavy	2	-
22-Jun-06	11:00 AM	1,158	-	-	3.8	1.69	10.67	3.80	58.8	CLR	Heavy	3	3

Grayson 2006 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-Jan-06	01:30 PM	-	-	-	-	-	-	2.79	-	-	-	4	0
26-Jan-06	12:30 PM	6,154	13.9	13.6	3.57	3.61	-	2.48	50.0	CLD	Light	1	-
27-Jan-06	12:15 PM	6,163	13.7	13.3	3.26	3.78	-	2.51	50.6	CLD	Light	1	-
28-Jan-06	01:30 PM	6,696	13.5	13.4	3.55	4.44	10.37	2.59	51.1	CLD	Medium	1	-
29-Jan-06	11:15 AM	5,905	13.3	13.7	3.54	4.04	10.21	2.53	51.4	CLR	Light	1	-
30-Jan-06	12:15 PM	6,570	13.7	13.2	3.41	4.16	-	2.55	52.2	CLD	Light	2	-
31-Jan-06	01:00 PM	6,952	13.3	13.9	3.50	3.82	-	2.68	51.5	CLD	Medium	1	-
01-Feb-06	01:00 PM	6,540	13.2	13.0	3.74	3.39	10.53	2.68	51.4	CLD	Medium	1	-
02-Feb-06	10:30 AM	5,886	13.3	13.5	3.10	4.43	10.25	2.73	51.8	CLD	Light	1	-
03-Feb-06	10:30 AM	6,008	14.9	13.8	2.52	3.28	-	2.28	52.2	FOG	Light	1	-
04-Feb-06	11:45 AM	6,701	13.9	13.7	3.30	3.55	10.30	2.28	52.2	CLD	Light	1	-
05-Feb-06	01:15 PM	6,320	13.8	14.2	3.01	3.41	10.38	2.26	51.7	CLR	Light	1	-
06-Feb-06	10:30 AM	5,815	13.5	13.4	3.16	3.24	10.51	2.45	50.3	CLR	Light	1	-
07-Feb-06	11:30 AM	6,560	13.5	13.3	3.40	3.91	10.55	2.38	51.3	CLR	Light	1	-
08-Feb-06	12:30 PM	6,810	13.1	13.3	3.43	3.88	-	2.60	52.1	CLR	Light	1	-
09-Feb-06	12:15 PM	6,425	13.4	13.4	3.60	4.30	10.75	2.60	52.5	CLR	Light	1	-
09-Feb-06	05:45 PM	1,536	-	-	-	-	-	2.68	52.0	CLD	Light	1	-
09-Feb-06	06:30 PM	1,986	-	-	-	-	-	2.68	52.0	NIT	Light	1	-
09-Feb-06	07:30 PM	2,215	-	-	-	-	-	2.68	52.0	NIT	Light	1	-
10-Feb-06	12:00 PM	6,588	13.3	13.4	3.54	3.53	10.44	2.70	52.3	CLR	Light	1	-
11-Feb-06	11:45 AM	6,607	12.7	12.3	3.27	3.15	10.47	2.75	52.6	CLR	Light	1	-
11-Feb-06	06:00 PM	1,622	-	-	-	-	-	2.75	52.0	NIT	Light	1	-
11-Feb-06	07:45 PM	2,251	-	-	-	-	-	2.75	52.0	NIT	Light	1	-
11-Feb-06	08:45 PM	2,568	-	-	-	-	-	2.75	52.0	NIT	Light	1	-
12-Feb-06	12:45 PM	6,871	13.1	13.2	2.65	2.65	10.61	2.68	53.2	CLD	Light	1	-
12-Feb-06	05:30 PM	1,322	-	-	-	-	-	2.65	52.0	NIT	Light	1	-
12-Feb-06	07:15 PM	1,800	-	-	-	-	-	2.65	52.0	NIT	Light	1	-
12-Feb-06	08:15 PM	2,102	-	-	-	-	-	-	-	NIT	Light	1	-
13-Feb-06	01:30 PM	6,820	12.6	12.5	3.74	3.37	10.65	2.66	53.2	CLR	Light	1	-
13-Feb-06	05:45 PM	1,028	-	-	-	-	-	2.70	-	NIT	Light	1	-
13-Feb-06	07:15 PM	1,607	-	-	-	-	-	-	-	NIT	Light	1	-
13-Feb-06	08:15 PM	1,836	-	-	-	-	-	-	-	NIT	Light	1	-
14-Feb-06	01:45 PM	6,697	13.5	13.2	3.70	3.02	10.54	2.58	53.7	CLR	Light	1	-
15-Feb-06	01:45 PM	6,752	13.6	13.2	3.60	2.78	10.54	2.28	52.6	CLR	Medium	1	-
16-Feb-06	11:00 AM	1,716	13.3	-	3.50	-	10.83	2.20	50.1	CLR	Medium	1	-
17-Feb-06	11:45 AM	8,392	13.6	12.4	3.57	2.27	10.77	2.25	50.1	CLD	Light	1	-
18-Feb-06	11:15 AM	6,352	13.2	13.6	2.95	2.85	10.66	2.20	49.8	CLR	Light	1	-
19-Feb-06	01:15 PM	6,480	14.4	14.9	3.54	2.25	10.49	1.55	51.1	CLD	Light	1	-
20-Feb-06	01:00 PM	5,803	15.6	16.7	3.18	2.55	10.66	1.28	50.4	CLR	Light	1	-

Grayson 2006 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
21-Feb-06	12:15 PM	5,306	15.8	15.4	2.68	2.58	10.70	1.00	50.2	CLR	Light	1	-
22-Feb-06	11:15 AM	5,171	16.2	15.9	3.07	2.02	10.51	0.74	50.0	CLR	Light	1	-
23-Feb-06	04:00 PM	6,299	16.5	16.4	3.10	2.12	10.75	2.85	52.9	CLR	Light	1	-
24-Feb-06	12:30 PM	4,368	17.5	18.2	2.99	2.22	10.56	2.74	51.8	CLR	Light	1	-
25-Feb-06	01:15 PM	5,138	17.6	15.5	3.26	2.78	10.73	3.00	53.1	CLR	Light	1	-
26-Feb-06	12:45 PM	5,775	14.6	13.9	2.75	2.72	10.57	3.88	52.5	RAN	Light	2	-
27-Feb-06	11:45 AM	5,735	14.3	13.2	3.54	2.43	10.31	4.00	51.3	RAN	Light	1	-
28-Feb-06	12:00 PM	6,310	14.4	14.5	3.71	2.85	10.25	4.18	53.0	RAN	Medium	2	-
01-Mar-06	03:45 PM	7,551	13.5	12.6	3.98	-	10.53	4.75	54.2	CLR	Heavy	2	-
02-Mar-06	01:00 PM	6,042	11.1	11.4	3.47	1.78	10.60	5.25	53.3	CLD	Medium	2	-
03-Mar-06	12:30 PM	7,090	11.6	10.7	4.40	4.97	10.49	5.95	51.9	CLD	Light	1	-
03-Mar-06	07:30 PM	2,532	-	-	-	-	-	4.95	50.0	NIT	Heavy	2	-
03-Mar-06	09:45 PM	3,198	-	-	-	-	-	4.95	50.0	NIT	Light	1	-
03-Mar-06	10:45 PM	3,503	-	-	-	-	-	4.95	50.0	NIT	Light	1	-
04-Mar-06	11:15 AM	7,032	-	10.1	4.50	2.92	10.51	5.55	51.2	CLR	Light	3	-
05-Mar-06	12:15 PM	8,497	10.6	10.0	4.62	2.90	10.62	5.68	51.5	CLD	Light	1	-
06-Mar-06	12:45 PM	8,361	10.2	10.6	4.10	1.69	10.51	5.80	52.0	-	Light	1	-
07-Mar-06	12:00 PM	8,187	9.7	10.2	4.51	3.33	10.56	5.68	52.5	RAN	Medium	1	-
08-Mar-06	10:30 AM	258	-	11.1	4.60	3.19	10.54	6.10	51.4	CLR	Light	3	-
08-Mar-06	07:15 PM	2,855	-	-	-	-	-	6.05	-	NIT	Medium	1	-
09-Mar-06	11:00 AM	-	9.8	9.7	4.67	4.10	10.62	6.38	52.4	CLD	Medium	1	-
09-Mar-06	08:30 PM	238	-	-	-	-	-	6.40	-	RAN	Light	3	-
10-Mar-06	11:15 AM	1,201	-	11.0	4.39	3.28	10.48	6.12	51.7	CLR	Medium	3	-
10-Mar-06	07:45 PM	2,455	-	-	-	-	-	6.05	49.0	NIT	Light	1	-
11-Mar-06	10:45 AM	7,356	10.6	10.6	4.14	3.10	10.45	6.02	50.9	CLD	Light	1	-
12-Mar-06	11:45 AM	8,150	11.6	11.3	3.80	2.90	10.75	5.11	50.4	CLD	Light	1	-
13-Mar-06	10:30 AM	7,030	11.9	11.9	4.06	3.56	10.62	4.68	50.6	CLR	Light	2	-
14-Mar-06	10:00 AM	7,140	11.1	11.4	4.17	3.70	10.48	4.74	51.5	RAN	Light	1	-
14-Mar-06	07:30 PM	3,106	-	-	-	-	-	4.91	51.0	NIT	Light	1	-
15-Mar-06	11:45 AM	7,789	11.2	11.3	4.26	2.92	10.64	4.87	51.6	CLR	Light	1	-
16-Mar-06	10:15 AM	7,241	11.0	11.4	4.39	4.42	10.63	5.45	52.0	CLD	Light	2	-
17-Mar-06	10:15 AM	7,762	11.6	11.7	3.94	4.05	10.34	4.90	51.9	CLD	Light	1	-
18-Mar-06	10:45 AM	7,292	12.6	12.3	4.04	3.83	-	4.50	49.0	CLR	Light	1	-
19-Mar-06	10:00 AM	-	11.9	12.0	3.80	4.11	10.34	4.79	51.9	CLR	Medium	2	-
20-Mar-06	10:00 AM	7,232	11.3	11.3	4.19	3.61	10.35	4.92	51.8	CLD	Medium	1	-
21-Mar-06	10:15 AM	4,086	12.3	11.8	3.96	2.57	11.38	5.00	50.4	CLR	Light	1	-
22-Mar-06	10:30 AM	7,424	11.6	11.4	3.90	3.13	11.39	4.94	51.8	CLR	Light	1	-
23-Mar-06	09:45 AM	7,317	12.0	11.6	3.98	2.43	11.43	4.52	51.8	CLR	Light	2	-
24-Mar-06	09:30 AM	7,137	11.5	11.6	3.90	4.01	11.25	4.60	52.9	CLD	Light	1	1

Grayson 2006 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-Mar-06	10:00 AM	7,455	11.8	12.0	4.34	2.41	11.22	4.56	53.2	CLD	Light	1	-
26-Mar-06	10:15 AM	7,878	10.7	11.2	4.37	2.75	-	5.64	52.0	CLR	Heavy	2	-
27-Mar-06	10:15 AM	5,247	-	11.2	4.30	5.39	11.22	6.20	52.9	CLR	VeryHeavy	3	-
27-Mar-06	07:15 PM	2,964	-	-	-	-	-	5.90	-	NIT	Light	1	-
28-Mar-06	10:15 AM	7,993	10.3	10.3	4.50	1.94	-	6.15	51.5	CLD	Light	1	-
29-Mar-06	10:30 AM	8,564	10.2	10.0	4.49	5.15	11.08	-	51.7	RAN	Medium	2	-
29-Mar-06	07:30 PM	-	-	-	-	-	-	-	51.0	NIT	Light	1	-
30-Mar-06	10:15 AM	840	-	9.9	4.50	19.90	-	-	50.0	CLD	Heavy	3	-
30-Mar-06	08:15 PM	3,706	-	-	-	-	-	-	-	NIT	Light	1	-
31-Mar-06	11:00 AM	8,903	9.9	10.2	4.76	5.09	11.29	-	52.1	CLD	Light	1	-
01-Apr-06	10:30 AM	8,276	10.1	9.4	3.89	5.79	-	-	49.0	CLR	Medium	1	-
02-Apr-06	01:30 PM	3,901	-	9.8	4.47	16.60	-	-	52.0	CLD	Heavy	3	-
02-Apr-06	10:45 PM	2,798	-	-	-	-	-	-	-	NIT	Light	1	-
03-Apr-06	02:45 PM	8,640	10.5	9.9	-	5.73	-	-	52.0	RAN	Light	1	-
04-Apr-06	12:00 PM	7,948	9.7	9.1	4.85	11.60	10.48	-	54.2	CLD	Medium	1	-
05-Apr-06	02:00 PM	1,307	-	-	-	75.60	8.68	-	55.7	CLD	Heavy	3	3
06-Apr-06	01:00 PM	-	-	-	-	-	-	-	-	CLR	-	4	0
06-Apr-06	07:15 PM	2,163	-	-	-	-	-	-	52.0	CLR	Light	1	-
07-Apr-06	12:45 PM	7,667	11.2	11.8	3.50	7.96	10.75	-	54.2	CLR	Light	2	-
07-Apr-06	08:30 PM	2,313	-	-	-	-	-	-	52.0	NIT	Light	1	-
08-Apr-06	11:15 AM	6,644	11.5	12.8	3.34	5.09	11.02	-	53.4	CLR	Light	1	-
08-Apr-06	08:45 PM	2,678	-	-	-	-	-	-	-	NIT	Light	1	-
09-Apr-06	10:30 AM	6,422	13.4	13.8	3.02	3.01	11.17	-	53.4	CLD	Light	1	-
09-Apr-06	08:15 PM	2,581	-	-	-	-	-	-	52.0	NIT	Light	1	-
10-Apr-06	11:15 AM	6,648	12.6	10.8	2.90	3.49	11.23	-	52.6	CLD	Light	2	-
10-Apr-06	08:15 PM	2,412	-	-	-	-	-	-	52.0	NIT	Light	1	-
11-Apr-06	12:00 PM	6,554	13.9	14.0	3.23	2.95	11.70	-	53.0	CLD	Light	1	-
12-Apr-06	11:15 AM	6,232	13.3	13.2	3.35	2.15	11.36	-	52.4	CLD	Light	1	-
13-Apr-06	05:45 PM	8,801	11.9	11.9	2.94	3.62	11.66	-	54.1	CLR	Medium	1	-
14-Apr-06	09:15 AM	4,506	12.1	12.3	3.51	2.55	11.31	-	53.4	CLD	Light	1	-
15-Apr-06	12:30 PM	7,745	13.1	13.1	2.88	3.11	11.31	-	53.5	RAN	Medium	2	-
15-Apr-06	09:30 PM	2,416	-	-	-	-	-	-	-	NIT	Light	1	-
16-Apr-06	01:00 PM	3,523	-	11.9	3.56	4.51	11.38	-	53.6	RAN	Light	3	-
17-Apr-06	10:45 AM	6,364	12.0	12.1	3.72	3.33	11.52	-	51.6	CLD	Light	2	-
18-Apr-06	11:15 AM	7,007	12.5	11.8	3.07	4.33	-	-	53.0	CLR	Light	1	-
19-Apr-06	11:00 AM	6,787	11.9	12.0	3.50	3.66	11.73	-	53.3	CLR	Light	1	-
19-Apr-06	09:45 PM	3,116	-	-	-	-	-	-	53.0	NIT	Light	1	-
20-Apr-06	10:00 AM	6,870	12.0	12.0	3.50	3.20	11.66	-	53.3	CLD	Light	1	-
21-Apr-06	01:15 PM	8,105	11.0	12.1	3.18	2.90	11.98	-	54.3	CLD	Medium	1	-

Grayson 2006 Environmental Data - South Trap

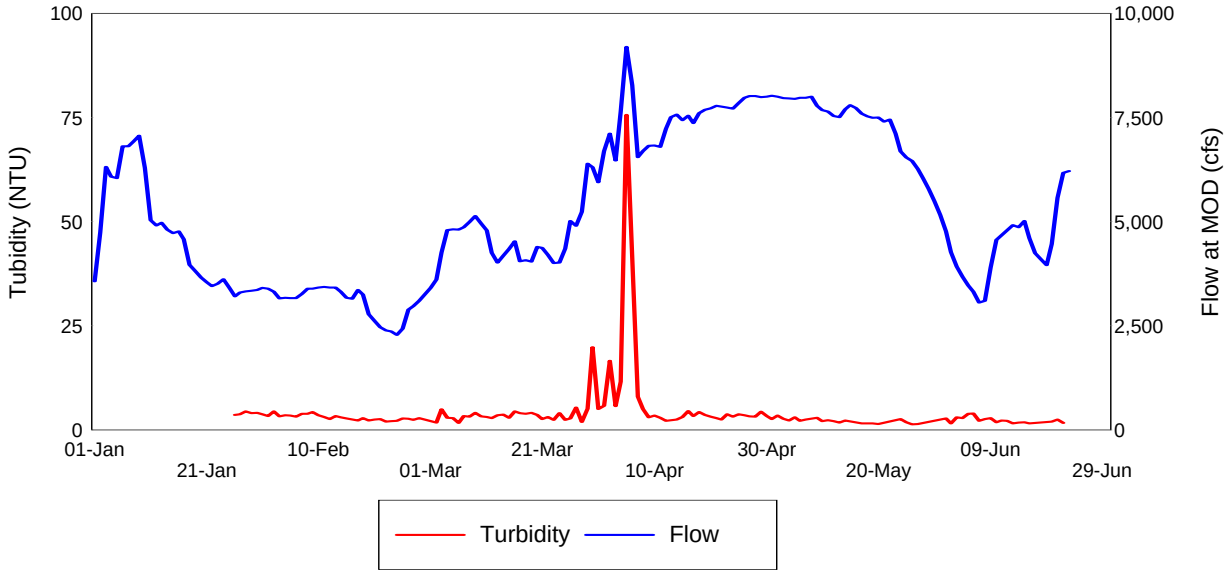
Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
22-Apr-06	10:30 AM	6,483	11.4	11.3	3.56	2.50	-	-	52.0	CLD	Light	2	-
23-Apr-06	10:00 AM	7,088	11.6	11.7	3.50	3.81	-	-	51.0	CLD	Light	1	-
24-Apr-06	10:15 AM	7,375	11.4	12.2	3.59	3.22	-	-	51.0	CLD	Light	1	-
25-Apr-06	10:30 AM	7,321	12.2	11.3	3.50	3.76	-	4.00	52.0	CLD	Light	1	-
26-Apr-06	10:15 AM	7,164	11.6	11.6	3.57	3.52	-	4.14	52.0	CLR	Light	1	-
27-Apr-06	09:30 AM	7,137	11.5	11.1	3.27	3.28	-	4.19	52.0	CLR	Light	1	-
28-Apr-06	09:30 AM	7,291	11.3	11.3	3.78	3.17	-	4.20	52.0	CLR	Medium	1	-
29-Apr-06	10:30 AM	7,663	11.8	12.2	3.33	4.40	-	4.18	53.0	CLR	Light	1	-
30-Apr-06	10:30 AM	7,232	11.9	11.7	3.45	3.35	-	4.15	53.0	CLR	Light	1	-
01-May-06	10:15 AM	7,183	11.9	12.2	3.60	2.61	-	4.16	53.0	CLR	Light	2	-
02-May-06	10:15 AM	7,279	11.8	11.2	3.65	3.48	11.65	4.15	54.7	CLR	Light	1	-
03-May-06	10:15 AM	7,275	11.4	11.4	3.80	2.71	11.60	4.10	54.6	CLR	Light	1	-
04-May-06	11:00 AM	7,506	12.2	11.4	4.16	1.83	11.54	4.05	54.6	CLR	Light	1	-
05-May-06	11:30 AM	7,476	11.4	11.2	3.78	3.05	-	4.00	53.0	CLR	Light	1	-
05-May-06	08:15 PM	2,676	-	-	-	-	-	4.00	53.0	NIT	Light	1	-
05-May-06	10:15 PM	3,205	-	-	-	-	-	4.00	53.0	NIT	Light	1	-
05-May-06	11:15 PM	3,670	-	-	-	-	-	4.00	53.0	NIT	Light	1	-
06-May-06	02:00 PM	8,095	11.0	10.7	3.52	2.15	11.70	4.00	55.6	CLR	Light	1	-
07-May-06	12:15 PM	6,976	10.9	11.0	3.34	2.56	11.67	4.00	55.4	CLR	Light	1	3
08-May-06	03:00 PM	-	-	-	-	-	-	4.00	-	-	-	4	0
09-May-06	11:15 AM	6,232	11.7	11.2	3.60	2.98	11.50	4.20	55.6	CLR	Light	1	-
10-May-06	12:30 PM	7,581	10.7	11.0	3.71	2.13	-	3.65	57.0	CLR	Light	1	-
11-May-06	11:00 AM	6,715	12.0	11.5	3.55	2.35	11.56	-	55.4	CLR	Light	1	-
12-May-06	03:00 PM	8,260	11.5	11.9	3.45	2.07	11.47	3.52	57.0	CLR	Light	1	-
12-May-06	09:15 PM	1,833	-	-	-	-	-	3.50	54.0	NIT	Light	1	-
12-May-06	11:15 PM	2,480	-	-	-	-	-	3.48	54.0	NIT	Light	1	-
13-May-06	12:30 AM	2,800	-	-	-	-	-	3.48	54.0	NIT	Light	1	-
13-May-06	02:30 PM	7,007	10.8	12.6	3.54	1.77	11.66	3.46	57.2	CLR	Light	1	-
14-May-06	11:15 AM	6,177	11.7	-	3.32	2.29	11.61	3.51	56.1	CLR	Light	1	3
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	01:00 PM	-	-	-	-	-	-	3.62	-	CLR	-	4	0
17-May-06	11:00 AM	6,800	11.5	12.3	3.62	1.58	11.25	3.45	56.8	CLR	Light	1	-
18-May-06	02:45 PM	8,369	12.1	11.6	3.14	1.61	11.35	3.40	58.2	CLR	Light	1	-
19-May-06	12:45 PM	6,657	11.1	10.5	3.50	1.59	11.32	3.48	57.4	CLR	Light	1	-
20-May-06	11:15 AM	4,292	-	-	4.00	1.46	11.27	3.38	55.5	CLR	Heavy	3	3
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-May-06	01:15 PM	-	-	-	-	-	-	3.04	-	CLR	-	4	0
24-May-06	01:30 PM	7,021	12.9	12.1	2.88	2.62	11.13	2.70	57.5	CLD	Light	1	-

Grayson 2006 Environmental Data - South Trap

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Dissolved Oxygen (mg/L)	Stream Gauge	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-May-06	01:00 PM	6,565	12.4	14.1	2.78	1.82	11.01	2.58	57.5	CLR	Light	1	-
25-May-06	07:30 PM	1,770	-	-	-	-	-	2.56	-	CLR	Light	1	-
25-May-06	11:45 PM	2,883	-	-	-	-	-	2.56	-	NIT	Light	1	-
26-May-06	12:45 AM	3,171	-	-	-	-	-	2.56	-	NIT	Light	1	-
26-May-06	11:45 AM	6,180	13.7	13.5	3.34	1.36	11.04	2.56	56.5	CLR	Light	1	-
27-May-06	09:00 AM	5,579	13.2	-	3.35	1.44	10.93	2.48	54.8	CLR	Light	1	3
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	12:15 PM	-	-	-	-	-	-	0.90	56.0	CLR	-	4	0
01-Jun-06	12:45 PM	5,538	14.7	15.5	-	2.79	10.68	0.32	58.6	CLR	Light	1	-
01-Jun-06	08:00 PM	1,635	-	-	-	-	-	0.10	-	NIT	Light	1	-
01-Jun-06	11:30 PM	2,421	-	-	-	-	-	0.02	-	NIT	Light	1	-
02-Jun-06	01:30 PM	5,496	18.8	15.9	2.64	1.58	10.22	-	59.6	CLR	Light	1	-
03-Jun-06	12:30 PM	5,365	16.5	17.7	2.73	3.03	10.30	0.90	60.2	CLR	Medium	1	-
04-Jun-06	01:00 PM	5,409	17.4	16.9	3.02	2.89	9.89	0.52	61.7	CLR	Heavy	2	-
05-Jun-06	10:30 AM	613	-	17.9	2.65	3.83	9.87	0.10	59.5	CLR	Light	3	-
06-Jun-06	11:00 AM	4,855	18.6	18.9	2.74	3.96	9.86	2.28	59.5	CLR	Medium	1	-
07-Jun-06	10:45 AM	4,214	20.9	19.9	2.57	2.19	-	2.85	60.0	CLR	Light	1	-
08-Jun-06	03:00 PM	1,527	-	20.4	2.28	2.64	9.97	1.60	61.5	CLR	Medium	3	-
09-Jun-06	12:00 PM	3,981	17.5	16.4	3.03	2.82	10.15	2.50	59.3	CLR	Medium	1	-
10-Jun-06	12:00 PM	5,533	15.1	15.8	3.39	1.85	10.45	2.70	58.6	CLR	Heavy	2	-
11-Jun-06	11:45 AM	2,891	-	12.7	2.97	2.27	10.55	3.38	58.1	CLR	Heavy	3	-
12-Jun-06	12:45 PM	7,192	-	12.0	3.70	2.16	10.55	3.50	58.5	CLR	Heavy	3	-
13-Jun-06	12:45 PM	7,119	12.3	12.1	3.70	1.60	10.74	3.29	58.1	CLD	Medium	1	-
14-Jun-06	12:15 PM	6,799	12.8	13.2	3.80	1.78	10.74	3.01	57.6	CLR	Medium	1	-
14-Jun-06	09:00 PM	2,504	-	-	-	-	-	3.14	-	NIT	Light	1	-
14-Jun-06	11:30 PM	3,111	-	-	-	-	-	3.14	-	NIT	Light	1	-
15-Jun-06	12:15 PM	6,757	12.4	12.3	3.85	1.84	10.64	3.28	58.5	CLR	Light	1	-
16-Jun-06	11:00 AM	6,330	12.9	-	3.80	1.58	10.55	3.10	59.0	CLR	Medium	1	3
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	10:45 AM	-	-	-	-	-	-	1.20	-	CLR	-	4	0
20-Jun-06	10:30 AM	5,923	13.8	13.2	3.60	2.01	10.35	1.20	58.9	CLR	Medium	1	-
21-Jun-06	10:15 AM	6,670	12.4	11.9	3.97	2.51	10.50	2.48	60.0	CLR	Heavy	2	-
22-Jun-06	10:45 AM	715	-	-	3.75	1.69	10.67	3.80	58.8	CLR	Heavy	3	3

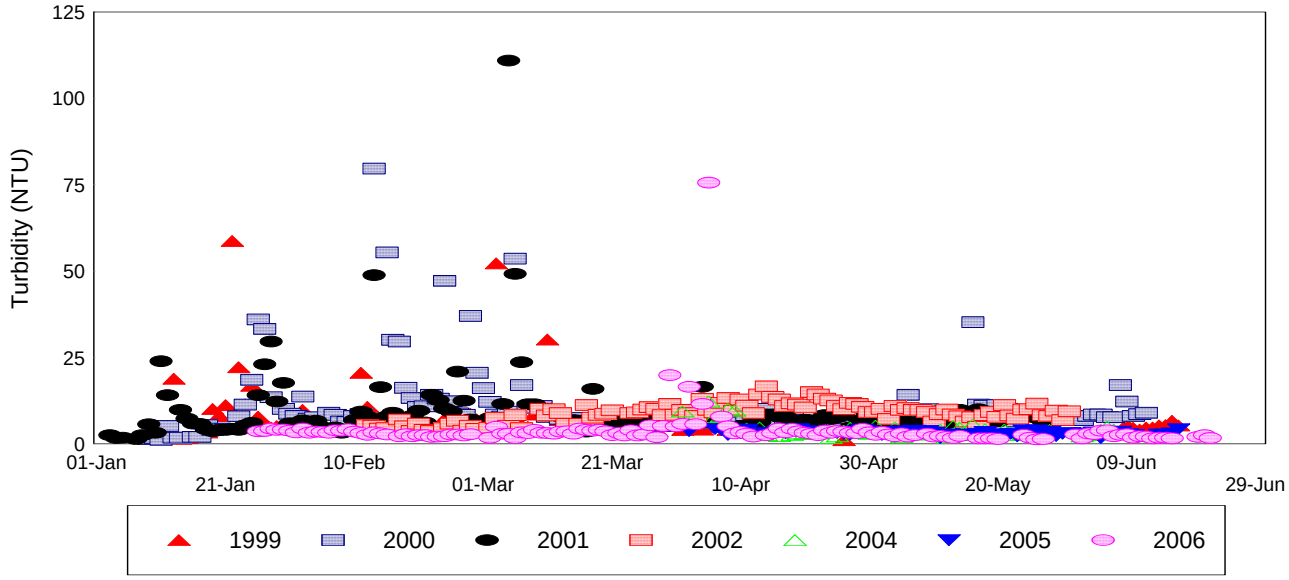
2006 River Flow

and Turbidity at Grayson

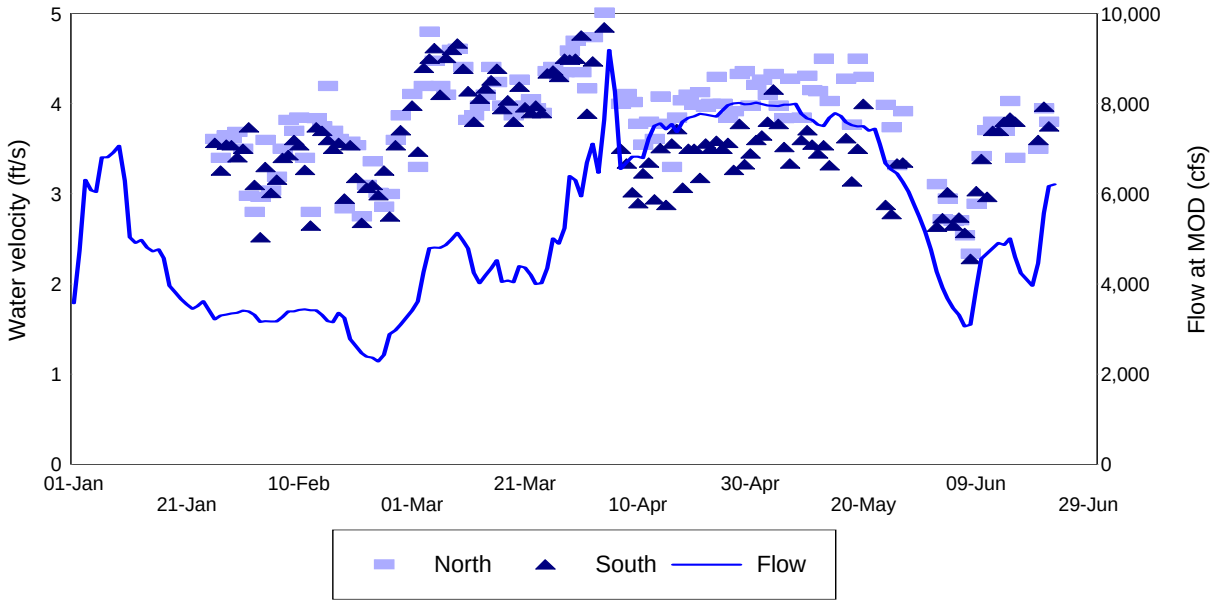


Comparison of Turbidity at Grayson

1999-2006



North vs. South Velocity - 2006



Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Number	Number	Number	Number	Number	Number	Number	Number
Date	Week	Captured	Captured	Captured	Captured	Captured	Captured	Captured	Captured
01-Jan	1	-	-	-	-	-	-	-	-
02-Jan	1	-	-	-	-	-	-	-	-
03-Jan	1	-	-	-	-	-	-	-	-
04-Jan	1	-	-	1	-	-	-	-	-
05-Jan	1	-	-	-	-	-	-	-	-
06-Jan	1	-	-	-	-	-	-	-	-
07-Jan	1	-	-	-	-	-	-	-	-
08-Jan	2	-	-	-	-	-	-	-	-
09-Jan	2	-	-	-	-	-	-	-	-
10-Jan	2	-	1	-	-	-	-	-	-
11-Jan	2	-	-	-	-	-	-	-	-
12-Jan	2	-	-	-	-	-	-	-	-
13-Jan	2	-	-	-	-	-	-	-	-
14-Jan	2	-	-	-	-	-	-	-	-
15-Jan	3	-	-	-	-	-	-	-	-
16-Jan	3	-	-	2	-	-	-	-	-
17-Jan	3	-	-	1	-	-	-	-	-
18-Jan	3	-	-	3	-	-	-	-	-
19-Jan	3	-	-	3	-	-	-	-	-
20-Jan	3	-	-	1	-	-	-	-	-
21-Jan	3	-	-	-	-	-	-	-	-
22-Jan	4	-	-	2	-	-	-	-	-
23-Jan	4	79	-	1	-	-	-	-	-
24-Jan	4	1050	-	-	-	-	-	-	-
25-Jan	4	75	-	-	-	-	-	-	-
26-Jan	4	735	-	-	-	-	-	-	60
27-Jan	4	980	-	-	-	-	-	-	74
28-Jan	4	829	-	1	-	-	-	-	89
29-Jan	5	890	-	2	-	-	-	-	13
30-Jan	5	1386	-	-	-	-	-	-	30
31-Jan	5	480	-	2	-	-	-	-	12
01-Feb	5	698	-	-	1	-	-	-	40
02-Feb	5	993	-	2	-	-	-	-	49
03-Feb	5	1642	-	-	-	-	-	-	32
04-Feb	5	1030	3	1	-	-	-	-	49
05-Feb	6	1222	-	2	-	-	-	-	24
06-Feb	6	568	-	4	-	-	-	-	66
07-Feb	6	130	-	1	-	-	-	-	61
08-Feb	6	147	-	2	-	-	-	-	40
09-Feb	6	116	-	-	-	-	-	-	36
10-Feb	6	155	-	1	-	-	-	-	37
11-Feb	6	1168	-	2	-	-	-	-	21
12-Feb	7	450	-	4	-	-	-	-	35
13-Feb	7	-	-	77	-	-	-	-	26
14-Feb	7	-	-	305	-	-	-	-	16
15-Feb	7	956	3	169	1	-	-	-	6
16-Feb	7	620	154	173	-	-	-	-	6
17-Feb	7	257	5	308	-	-	-	-	3
18-Feb	7	418	59	132	-	-	-	-	10
19-Feb	8	147	214	77	-	-	-	-	4
20-Feb	8	-	90	97	2	-	-	-	4
21-Feb	8	16	75	98	-	-	-	-	9

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Number	Number	Number	Number	Number	Number	Number	Number
Date	Week	Captured	Captured	Captured	Captured	Captured	Captured	Captured	Captured
22-Feb	8	65	76	88	-	-	-	-	8
23-Feb	8	136	69	358	-	-	-	-	8
24-Feb	8	213	50	115	-	-	-	-	7
25-Feb	8	133	142	362	-	-	-	-	4
26-Feb	9	103	83	150	-	-	-	-	5
27-Feb	9	-	28	177	-	-	-	-	5
28-Feb	9	18	31	212	-	-	-	-	2
29-Feb	9	-	24	-	-	-	-	-	**x**
01-Mar	9	87	68	164	-	-	-	-	13
02-Mar	9	86	37	57	-	-	-	-	93
03-Mar	9	46	20	39	-	-	-	-	54
04-Mar	9	144	13	15	-	-	-	-	74
05-Mar	10	105	1	42	-	-	-	-	57
06-Mar	10	-	12	32	-	-	-	-	1
07-Mar	10	18	10	167	-	-	-	-	9
08-Mar	10	35	11	378	-	-	-	-	0
09-Mar	10	47	11	351	-	-	-	-	25
10-Mar	10	55	17	67	-	-	-	-	3
11-Mar	10	24	28	60	-	-	-	-	21
12-Mar	11	68	15	109	-	-	-	-	15
13-Mar	11	52	11	140	-	-	-	-	7
14-Mar	11	26	7	133	-	-	-	-	6
15-Mar	11	11	25	64	-	-	-	-	9
16-Mar	11	19	8	28	-	-	-	-	5
17-Mar	11	20	3	18	-	-	-	-	8
18-Mar	11	9	10	24	-	-	-	-	8
19-Mar	12	14	3	35	1	-	-	-	3
20-Mar	12	11	2	52	-	-	-	-	2
21-Mar	12	13	4	45	1	-	-	-	2
22-Mar	12	11	24	69	-	-	-	-	5
23-Mar	12	10	17	23	-	-	-	-	2
24-Mar	12	5	12	10	-	-	-	-	2
25-Mar	12	3	10	34	-	-	-	-	1
26-Mar	13	7	2	22	2	-	-	-	2
27-Mar	13	6	1	13	2	-	-	-	4
28-Mar	13	3	6	19	6	-	-	-	3
29-Mar	13	7	6	25	3	-	-	-	2
30-Mar	13	2	3	30	2	-	-	-	16
31-Mar	13	3	5	38	5	-	-	-	5
01-Apr	13	10	7	64	-	-	-	-	6
02-Apr	14	12	5	37	2	1	0	2	1
03-Apr	14	3	6	26	2	3	ns	ns	6
04-Apr	14	6	4	47	1	1	ns	ns	8
05-Apr	14	2	4	56	2	1	ns	ns	1
06-Apr	14	4	2	55	1	1	6	0	ns
07-Apr	14	1	5	14	-	2	24	0	15
08-Apr	14	3	7	29	1	4	37	0	2
09-Apr	15	4	6	35	-	2	35	0	1
10-Apr	15	1	4	98	1	2	5	2	0
11-Apr	15	10	13	24	2	5	15	5	0
12-Apr	15	8	14	101	1	2	7	7	2
13-Apr	15	1	9	16	-	1	9	1	1

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Number	Number	Number	Number	Number	Number	Number	Number
Date	Week	Captured	Captured	Captured	Captured	Captured	Captured	Captured	Captured
14-Apr	15	1	34	40	2	13	11	3	0
15-Apr	15	3	33	17	13	41	5	4	0
16-Apr	16	14	11	37	44	14	15	10	2
17-Apr	16	5	6	20	16	2	3	8	3
18-Apr	16	2	33	30	14	11	18	8	2
19-Apr	16	7	28	9	11	12	8	13	0
20-Apr	16	16	47	15	15	5	5	42	1
21-Apr	16	21	14	21	3	2	12	52	4
22-Apr	16	11	26	38	9	5	14	38	2
23-Apr	17	12	24	71	16	4	13	28	1
24-Apr	17	11	29	54	17	3	16	30	0
25-Apr	17	19	12	57	2	4	9	57	0
26-Apr	17	9	17	6	42	6	19	37	3
27-Apr	17	39	6	10	28	7	20	33	0
28-Apr	17	28	4	10	18	7	37	20	2
29-Apr	17	67	13	22	4	8	42	48	3
30-Apr	18	13	6	19	9	32	27	8	2
01-May	18	9	5	12	9	9	9	16	5
02-May	18	9	7	20	8	13	8	30	0
03-May	18	3	5	13	9	13	3	25	2
04-May	18	11	8	7	8	10	5	11	4
05-May	18	4	6	13	10	18	10	17	1
06-May	18	8	30	3	14	5	4	35	3
07-May	19	6	12	7	10	-	6	26	4
08-May	19	5	7	2	18	13	13	44	ns
09-May	19	6	12	10	4	20	4	50	3
10-May	19	4	26	13	11	9	2	19	2
11-May	19	1	4	20	5	8	16	34	5
12-May	19	5	16	2	3	13	5	14	0
13-May	19	8	8	6	3	12	5	50	0
14-May	20	3	26	11	3	3	3	35	5
15-May	20	3	1	6	1	8	1	52	ns
16-May	20	6	51	6	2	1	2	22	ns
17-May	20	2	29	2	2	2	0	26	2
18-May	20	9	27	2	1	-	0	17	6
19-May	20	7	9	-	-	1	0	36	7
20-May	20	6	13	-	1	-	0	2	1
21-May	21	3	5	2	5	-	0	3	ns
22-May	21	3	1	4	2	-	0	50	ns
23-May	21	1	1	-	1	-	0	20	ns
24-May	21	2	1	-	1	-	0	36	5
25-May	21	1	-	-	1	-	0	15	8
26-May	21	2	1	-	-	-	1	14	4
27-May	21	-	1	-	-	-	0	17	7
28-May	22	1	-	-	-	-	0	4	ns
29-May	22	-	-	-	-	-	ns	8	ns
30-May	22	-	-	-	-	-	ns	9	ns
31-May	22	-	-	-	2	-	ns	9	ns
01-Jun	22	1	-	-	-	-	0	19	4
02-Jun	22	-	-	-	-	-	0	8	6
03-Jun	22	-	-	-	-	-	0	17	9
04-Jun	23	-	-	-	-	-	0	18	9

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Number	Number	Number	Number	Number	Number	Number	Number
Date	Week	Captured	Captured	Captured	Captured	Captured	Captured	Captured	Captured
05-Jun	23	1	-	-	-	-	0	10	6
06-Jun	23	2	-	-	-	-	0	9	3
07-Jun	23	-	-	-	-	-	0	2	6
08-Jun	23	-	-	-	-	-	0	9	3
09-Jun	23	-	-	-	-	-	0	5	4
10-Jun	23	-	-	-	-	-	-	5	5
11-Jun	24	-	-	-	-	-	-	ns	0
12-Jun	24	-	-	-	-	-	-	ns	4
13-Jun	24	-	-	-	-	-	-	ns	0
14-Jun	24	-	-	-	-	-	-	4	1
15-Jun	24	-	-	-	-	-	-	1	3
16-Jun	24	-	-	-	-	-	-	6	0
17-Jun	24	-	-	-	-	-	-	2	ns
18-Jun	25	-	-	-	-	-	-	-	ns
19-Jun	25	-	-	-	-	-	-	-	ns
20-Jun	25	-	-	-	-	-	-	-	3
21-Jun	25	-	-	-	-	-	-	-	1
22-Jun	25	-	-	-	-	-	-	-	0
23-Jun	25	-	-	-	-	-	-	-	-
24-Jun	25	-	-	-	-	-	-	-	-
25-Jun	26	-	-	-	-	-	-	-	-
26-Jun	26	-	-	-	-	-	-	-	-
27-Jun	26	-	-	-	-	-	-	-	-
28-Jun	26	-	-	-	-	-	-	-	-
29-Jun	26	-	-	-	-	-	-	-	-
30-Jun	26	-	-	-	-	-	-	-	-
		19,327	2,250	6,478	436	359	509	1,317	1,557

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)
01-Jan	1	-	-	-	-	-	-	-	-
02-Jan	1	-	-	-	-	-	-	-	-
03-Jan	1	-	-	-	-	-	-	-	-
04-Jan	1	-	-	86.0	-	-	-	-	-
05-Jan	1	-	-	-	-	-	-	-	-
06-Jan	1	-	-	-	-	-	-	-	-
07-Jan	1	-	-	-	-	-	-	-	-
08-Jan	2	-	-	-	-	-	-	-	-
09-Jan	2	-	-	-	-	-	-	-	-
10-Jan	2	-	39.0	-	-	-	-	-	-
11-Jan	2	-	-	-	-	-	-	-	-
12-Jan	2	-	-	-	-	-	-	-	-
13-Jan	2	-	-	-	-	-	-	-	-
14-Jan	2	-	-	-	-	-	-	-	-
15-Jan	3	-	-	-	-	-	-	-	-
16-Jan	3	-	-	36.5	-	-	-	-	-
17-Jan	3	-	-	37.0	-	-	-	-	-
18-Jan	3	-	-	36.0	-	-	-	-	-
19-Jan	3	-	-	34.0	-	-	-	-	-
20-Jan	3	-	-	36.0	-	-	-	-	-
21-Jan	3	-	-	-	-	-	-	-	-
22-Jan	4	-	-	33.0	-	-	-	-	-
23-Jan	4	35.4	-	34.0	-	-	-	-	-
24-Jan	4	35.0	-	-	-	-	-	-	-
25-Jan	4	36.3	-	-	-	-	-	-	-
26-Jan	4	36.2	-	-	-	-	-	-	35.1
27-Jan	4	36.1	-	-	-	-	-	-	35.2
28-Jan	4	36.8	-	140.0	-	-	-	-	35.1
29-Jan	5	37.2	-	39.0	-	-	-	-	35.2
30-Jan	5	36.4	-	-	-	-	-	-	35.9
31-Jan	5	36.5	-	36.0	-	-	-	-	36.2
01-Feb	5	36.9	-	-	37	-	-	-	36.7
02-Feb	5	36.4	-	35.0	-	-	-	-	35.3
03-Feb	5	36.5	-	-	-	-	-	-	36.1
04-Feb	5	36.9	35.3	34.0	-	-	-	-	36.2
05-Feb	6	37.7	-	44.5	-	-	-	-	35.5
06-Feb	6	36.2	-	77.7	-	-	-	-	35.1
07-Feb	6	37.0	-	35.0	-	-	-	-	34.4
08-Feb	6	36.3	-	36.5	-	-	-	-	34.9
09-Feb	6	36.6	-	-	-	-	-	-	36.1
10-Feb	6	37.0	-	103.0	-	-	-	-	34.7
11-Feb	6	38.0	-	42.5	-	-	-	-	37.0
12-Feb	7	39.2	-	36.8	-	-	-	-	34.4
13-Feb	7	-	-	36.5	-	-	-	-	35.6
14-Feb	7	-	-	36.0	-	-	-	-	35.6
15-Feb	7	37.4	34.0	36.0	37	-	-	-	37.2
16-Feb	7	37.5	34.6	36.5	-	-	-	-	35.7
17-Feb	7	37.9	34.0	35.7	-	-	-	-	35.7
18-Feb	7	38.1	36.4	36.0	-	-	-	-	39.9
19-Feb	8	37.6	36.1	35.7	-	-	-	-	42.3
20-Feb	8	-	35.5	35.9	83	-	-	-	40.5
21-Feb	8	38.3	35.1	35.4	-	-	-	-	37.0

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)
22-Feb	8	40.4	35.9	38.7	-	-	-	-	45.1
23-Feb	8	38.9	35.3	36.6	-	-	-	-	49.1
24-Feb	8	39.2	37.3	36.9	-	-	-	-	49.9
25-Feb	8	38.3	36.3	37.9	-	-	-	-	41.5
26-Feb	9	38.4	35.6	37.4	-	-	-	-	40.8
27-Feb	9	-	36.2	38.9	-	-	-	-	38.0
28-Feb	9	41.6	36.5	39.0	-	-	-	-	43.0
29-Feb	9	-	41.8	-	-	-	-	-	37.0
01-Mar	9	40.0	41.2	38.5	-	-	-	-	35.0
02-Mar	9	41.2	39.9	37.9	-	-	-	-	34.8
03-Mar	9	39.5	39.1	41.0	-	-	-	-	35.5
04-Mar	9	45.3	37.4	40.5	-	-	-	-	34.6
05-Mar	10	43.0	34.0	45.2	-	-	-	-	35.0
06-Mar	10	-	44.3	49.0	-	-	-	-	36.0
07-Mar	10	47.8	49.8	44.5	-	-	-	-	-
08-Mar	10	43.6	42.4	44.4	-	-	-	-	36.8
09-Mar	10	48.3	41.7	46.1	-	-	-	-	33.7
10-Mar	10	44.4	42.8	44.5	-	-	-	-	35.9
11-Mar	10	41.2	43.2	45.4	-	-	-	-	38.6
12-Mar	11	39.6	44.1	47.6	-	-	-	-	45.1
13-Mar	11	38.2	46.8	50.7	-	-	-	-	38.5
14-Mar	11	37.6	48.4	48.8	-	-	-	-	39.3
15-Mar	11	41.9	55.9	49.5	-	-	-	-	48.6
16-Mar	11	36.4	54.8	49.7	-	-	-	-	39.8
17-Mar	11	45.3	45.3	49.8	-	-	-	-	54.9
18-Mar	11	39.4	61.3	54.3	-	-	-	-	34.3
19-Mar	12	50.6	48.3	55.4	64	-	-	-	50.0
20-Mar	12	55.6	45.5	54.9	-	-	-	-	81.0
21-Mar	12	53.5	50.5	53.6	105	-	-	-	63.2
22-Mar	12	46.2	56.0	58.2	-	-	-	-	71.0
23-Mar	12	56.5	53.2	61.4	-	-	-	-	83.5
24-Mar	12	55.2	59.2	59.9	-	-	-	-	63.0
25-Mar	12	69.0	58.8	61.3	-	-	-	-	85.0
26-Mar	13	61.9	87.0	64.8	95.5	-	-	-	70.0
27-Mar	13	48.0	45.0	64.2	75	-	-	-	65.0
28-Mar	13	66.0	62.3	62.6	81.17	-	-	-	96.5
29-Mar	13	72.0	69.8	61.2	88.67	-	-	-	78.1
30-Mar	13	50.0	72.7	61.4	77.5	-	-	-	70.4
31-Mar	13	61.7	74.8	64.8	76.2	-	-	-	53.7
01-Apr	13	68.3	74.7	66.8	-	-	-	-	62.0
02-Apr	14	69.3	57.8	64.9	76	-	-	62.5	62.8
03-Apr	14	76.0	67.2	66.0	90	-	ns	ns	89.6
04-Apr	14	80.7	77.8	70.1	104	-	ns	ns	55.0
05-Apr	14	54.5	57.7	69.5	79	-	ns	ns	ns
06-Apr	14	81.5	72.5	68.3	75	-	83.7	-	83.8
07-Apr	14	98.0	76.6	72.2	-	-	78.3	-	69.5
08-Apr	14	85.3	72.0	74.8	80	-	80.2	-	91.0
09-Apr	15	80.5	81.8	74.3	-	-	80.7	-	-
10-Apr	15	69.0	72.8	74.4	94	-	80.0	82.5	-
11-Apr	15	66.1	74.8	75.4	88.5	-	79.5	85.2	74.0
12-Apr	15	79.3	72.9	76.6	79	-	75.4	87.4	94.0
13-Apr	15	72.0	73.1	72.9	-	-	77.2	92.0	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)
14-Apr	15	61.0	76.6	75.7	85	-	80.9	90.7	-
15-Apr	15	72.3	78.0	75.3	77.08	-	78.0	88.3	66.5
16-Apr	16	77.4	74.2	75.6	75.94	-	84.4	88.9	88.0
17-Apr	16	87.6	79.3	76.4	74.93	-	85.0	87.7	94.5
18-Apr	16	78.5	81.4	77.6	80.09	-	78.8	87.6	-
19-Apr	16	83.7	79.8	76.4	76.1	-	55.5	90.1	95.0
20-Apr	16	81.1	79.0	77.8	77.67	-	79.0	86.5	94.7
21-Apr	16	84.6	76.5	83.2	71	-	79.8	86.1	88.5
22-Apr	16	85.3	78.6	80.3	80.56	-	80.9	87.4	93.0
23-Apr	17	82.3	78.9	80.4	75.85	-	84.7	90.3	-
24-Apr	17	86.1	80.4	78.9	78.19	-	80.3	88.5	-
25-Apr	17	80.9	81.1	81.1	77.5	-	88.2	90.1	104.0
26-Apr	17	86.6	78.4	79.7	81.79	-	78.6	90.9	-
27-Apr	17	85.0	82.5	80.4	84.75	-	82.1	90.5	69.0
28-Apr	17	85.0	82.5	80.8	80.6	-	82.2	91.2	97.7
29-Apr	17	85.4	85.8	83.1	74	-	80.2	91.2	94.0
30-Apr	18	88.8	82.0	82.6	85.62	-	81.7	90.5	81.2
01-May	18	85.0	82.6	85.1	85.33	-	81.1	88.7	-
02-May	18	86.4	84.4	82.4	86	-	83.0	92.1	100.0
03-May	18	86.7	83.2	84.4	83.44	-	83.7	87.1	101.3
04-May	18	89.2	83.6	84.7	82.62	-	80.0	85.6	98.0
05-May	18	82.3	88.0	88.9	85.12	-	84.3	87.4	92.0
06-May	18	82.6	86.6	85.3	89.43	-	79.8	91.7	101.3
07-May	19	93.8	87.6	84.8	83.7	-	84.5	91.3	ns
08-May	19	85.2	86.9	81.5	88.4	-	84.1	90.3	97.7
09-May	19	88.8	86.4	87.3	83.33	-	80.0	93.9	94.0
10-May	19	86.5	87.0	86.9	86.56	-	85.0	91.4	94.4
11-May	19	94.0	87.5	89.9	82.6	-	88.6	92.8	-
12-May	19	90.6	90.5	93.0	90	-	85.0	86.3	-
13-May	19	87.5	91.3	90.4	86.33	-	88.8	90.7	99.4
14-May	20	86.7	92.2	91.0	85.67	-	82.0	91.9	ns
15-May	20	88.7	88.0	89.0	102	-	80.0	93.3	ns
16-May	20	89.6	91.1	88.0	97	-	77.0	94.3	103.5
17-May	20	94.5	92.1	83.5	86.5	-	-	92.5	96.5
18-May	20	91.4	93.3	94.0	91	-	-	93.4	98.7
19-May	20	88.4	90.5	-	-	-	-	90.5	97.0
20-May	20	87.7	89.6	-	82	-	-	85.0	ns
21-May	21	93.7	89.0	91.0	85.75	-	-	95.0	ns
22-May	21	85.3	90.0	97.3	85.5	-	-	93.2	ns
23-May	21	86.0	92.0	-	90	-	-	93.3	98.6
24-May	21	92.5	90.0	-	112	-	-	94.2	92.8
25-May	21	93.0	-	-	89	-	-	96.9	97.3
26-May	21	96.0	96.0	-	-	-	87.0	94.1	94.9
27-May	21	-	87.0	-	-	-	-	95.2	ns
28-May	22	100.0	-	-	-	-	-	93.8	ns
29-May	22	-	-	-	-	-	ns	97.6	ns
30-May	22	-	-	-	-	-	ns	96.3	ns
31-May	22	-	-	-	-	-	ns	96.2	97.3
01-Jun	22	92.0	-	-	-	-	-	96.0	99.7
02-Jun	22	-	-	-	-	-	-	98.9	96.3
03-Jun	22	-	-	-	-	-	-	84.4	97.0
04-Jun	23	-	-	-	-	-	-	94.3	89.2

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)	Length (mm)
05-Jun	23	89.0	-	-	-	-	-	98.5	102.7
06-Jun	23	91.0	-	-	-	-	-	100.3	101.7
07-Jun	23	-	-	-	-	-	-	91.0	86.7
08-Jun	23	-	-	-	-	-	-	96.1	87.8
09-Jun	23	-	-	-	-	-	-	94.6	95.4
10-Jun	23	-	-	-	-	-	-	97.6	-
11-Jun	24	-	-	-	-	-	-	ns	95.0
12-Jun	24	-	-	-	-	-	-	ns	-
13-Jun	24	-	-	-	-	-	-	ns	106.0
14-Jun	24	-	-	-	-	-	-	100.0	92.3
15-Jun	24	-	-	-	-	-	-	80.0	-
16-Jun	24	-	-	-	-	-	-	94.8	ns
17-Jun	24	-	-	-	-	-	-	96.5	ns
18-Jun	25	-	-	-	-	-	-	-	ns
19-Jun	25	-	-	-	-	-	-	-	95.7
20-Jun	25	-	-	-	-	-	-	-	76.0
21-Jun	25	-	-	-	-	-	-	-	-
22-Jun	25	-	-	-	-	-	-	-	-
23-Jun	25	-	-	-	-	-	-	-	-
24-Jun	25	-	-	-	-	-	-	-	-
25-Jun	26	-	-	-	-	-	-	-	-
26-Jun	26	-	-	-	-	-	-	-	-
27-Jun	26	-	-	-	-	-	-	-	-
28-Jun	26	-	-	-	-	-	-	-	-
29-Jun	26	-	-	-	-	-	-	-	-
30-Jun	26	-	-	-	-	-	-	-	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)
01-Jan	1	-	-	-	-	-	-	-	-
02-Jan	1	-	-	-	-	-	-	-	-
03-Jan	1	-	-	-	-	-	-	-	-
04-Jan	1	-	-	-	-	-	-	-	-
05-Jan	1	-	-	-	-	-	-	-	-
06-Jan	1	-	-	-	-	-	-	-	-
07-Jan	1	-	-	-	-	-	-	-	-
08-Jan	2	-	-	-	-	-	-	-	-
09-Jan	2	-	-	-	-	-	-	-	-
10-Jan	2	-	-	-	-	-	-	-	-
11-Jan	2	-	-	-	-	-	-	-	-
12-Jan	2	-	-	-	-	-	-	-	-
13-Jan	2	-	-	-	-	-	-	-	-
14-Jan	2	-	-	-	-	-	-	-	-
15-Jan	3	-	-	-	-	-	-	-	-
16-Jan	3	-	-	-	-	-	-	-	-
17-Jan	3	-	-	-	-	-	-	-	-
18-Jan	3	-	-	-	-	-	-	-	-
19-Jan	3	-	-	-	-	-	-	-	-
20-Jan	3	-	-	-	-	-	-	-	-
21-Jan	3	-	-	-	-	-	-	-	-
22-Jan	4	-	-	-	-	-	-	-	-
23-Jan	4	-	-	-	-	-	-	-	-
24-Jan	4	-	-	-	-	-	-	-	-
25-Jan	4	-	-	-	-	-	-	-	-
26-Jan	4	-	-	-	-	-	-	-	-
27-Jan	4	-	-	-	-	-	-	-	-
28-Jan	4	-	-	-	-	-	-	-	-
29-Jan	5	-	-	-	-	-	-	-	-
30-Jan	5	-	-	-	-	-	-	-	-
31-Jan	5	-	-	-	-	-	-	-	-
01-Feb	5	-	-	-	-	-	-	-	-
02-Feb	5	-	-	-	-	-	-	-	-
03-Feb	5	-	-	-	-	-	-	-	-
04-Feb	5	-	-	-	-	-	-	-	-
05-Feb	6	-	-	-	-	-	-	-	-
06-Feb	6	-	-	-	-	-	-	-	0.4
07-Feb	6	-	-	-	-	-	-	-	-
08-Feb	6	-	-	-	-	-	-	-	-
09-Feb	6	-	-	-	-	-	-	-	-
10-Feb	6	-	-	-	-	-	-	-	-
11-Feb	6	-	-	-	-	-	-	-	-
12-Feb	7	-	-	-	-	-	-	-	-
13-Feb	7	-	-	-	-	-	-	-	0.4
14-Feb	7	-	-	-	-	-	-	-	0.4
15-Feb	7	-	-	-	-	-	-	-	0.5
16-Feb	7	-	-	-	-	-	-	-	-
17-Feb	7	-	-	-	-	-	-	-	0.4
18-Feb	7	-	-	-	-	-	-	-	0.8
19-Feb	8	-	-	-	-	-	-	-	1.1
20-Feb	8	-	-	-	-	-	-	-	0.7
21-Feb	8	-	-	-	-	-	-	-	0.5

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)
22-Feb	8	-	-	-	-	-	-	-	1.2
23-Feb	8	-	-	-	-	-	-	-	1.6
24-Feb	8	-	-	-	-	-	-	-	2.7
25-Feb	8	-	-	-	-	-	-	-	0.8
26-Feb	9	-	-	-	-	-	-	-	-
27-Feb	9	-	-	-	-	-	-	-	0.6
28-Feb	9	-	-	-	-	-	-	-	-
29-Feb	9	-	-	-	-	-	-	-	**x**
01-Mar	9	-	-	-	-	-	-	-	0.4
02-Mar	9	-	-	-	-	-	-	-	0.4
03-Mar	9	-	-	-	-	-	-	-	-
04-Mar	9	-	-	-	-	-	-	-	-
05-Mar	10	-	-	-	-	-	-	-	-
06-Mar	10	-	-	-	-	-	-	-	0.4
07-Mar	10	-	-	-	-	-	-	-	-
08-Mar	10	-	-	-	-	-	-	-	-
09-Mar	10	-	-	-	-	-	-	-	1.2
10-Mar	10	-	-	-	-	-	-	-	-
11-Mar	10	-	-	-	-	-	-	-	-
12-Mar	11	-	-	-	-	-	-	-	-
13-Mar	11	-	-	-	-	-	-	-	1.4
14-Mar	11	-	-	-	-	-	-	-	-
15-Mar	11	-	-	-	-	-	-	-	0.9
16-Mar	11	-	-	-	-	-	-	-	1.8
17-Mar	11	-	-	-	-	-	-	-	0.8
18-Mar	11	-	-	-	-	-	-	-	-
19-Mar	12	-	-	-	-	-	-	-	0.3
20-Mar	12	-	-	-	-	-	-	-	1.7
21-Mar	12	-	-	-	-	-	-	-	6.0
22-Mar	12	-	-	-	-	-	-	-	3.6
23-Mar	12	-	-	-	-	-	-	-	4.0
24-Mar	12	-	-	-	-	-	-	-	7.3
25-Mar	12	-	-	-	-	-	-	-	2.4
26-Mar	13	-	-	-	-	-	-	-	7.3
27-Mar	13	-	-	-	-	-	-	-	5.0
28-Mar	13	-	-	-	-	-	-	-	5.1
29-Mar	13	-	-	-	-	-	-	-	9.5
30-Mar	13	-	-	-	-	-	-	-	6.7
31-Mar	13	-	-	-	-	-	-	-	5.7
01-Apr	13	-	-	-	-	-	-	-	2.2
02-Apr	14	-	-	-	-	-	-	-	-
03-Apr	14	-	-	-	-	-	-	-	4.1
04-Apr	14	-	-	-	-	-	-	-	8.7
05-Apr	14	-	-	-	-	-	-	-	1.4
06-Apr	14	-	-	-	-	-	-	-	ns
07-Apr	14	-	-	-	-	-	-	-	6.6
08-Apr	14	-	-	-	-	-	-	-	4.5
09-Apr	15	-	-	-	-	-	-	-	9.3
10-Apr	15	-	-	-	-	-	-	-	-
11-Apr	15	-	-	-	-	-	-	-	-
12-Apr	15	-	-	-	-	-	-	-	5.0
13-Apr	15	-	-	-	-	-	-	-	9.6

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)
14-Apr	15	-	-	-	-	-	-	-	-
15-Apr	15	-	-	-	-	-	-	-	-
16-Apr	16	-	-	-	-	-	-	-	-
17-Apr	16	-	-	-	-	-	-	-	9.6
18-Apr	16	-	-	-	-	-	-	-	10.6
19-Apr	16	-	-	-	-	-	-	-	-
20-Apr	16	-	-	-	-	-	-	-	9.6
21-Apr	16	-	-	-	-	-	-	-	9.4
22-Apr	16	-	-	-	-	-	-	-	7.5
23-Apr	17	-	-	-	-	-	-	-	8.2
24-Apr	17	-	-	-	-	-	-	-	-
25-Apr	17	-	-	-	-	-	-	-	-
26-Apr	17	-	-	-	-	-	-	-	13.1
27-Apr	17	-	-	-	-	-	-	-	-
28-Apr	17	-	-	-	-	-	-	-	6.0
29-Apr	17	-	-	-	-	-	-	-	10.8
30-Apr	18	-	-	-	-	-	-	-	9.1
01-May	18	-	-	-	-	-	-	-	7.2
02-May	18	-	-	-	-	-	-	-	-
03-May	18	-	-	-	-	-	-	-	12.3
04-May	18	-	-	-	-	-	-	-	11.6
05-May	18	-	-	-	-	-	-	-	11.7
06-May	18	-	-	-	-	-	-	-	10.0
07-May	19	-	-	-	-	-	-	-	12.6
08-May	19	-	-	-	-	-	-	-	ns
09-May	19	-	-	-	-	-	-	-	9.2
10-May	19	-	-	-	-	-	-	-	9.2
11-May	19	-	-	-	-	-	-	-	-
12-May	19	-	-	-	-	-	-	-	-
13-May	19	-	-	-	-	-	-	-	-
14-May	20	-	-	-	-	-	-	-	10.1
15-May	20	-	-	-	-	-	-	-	ns
16-May	20	-	-	-	-	-	-	-	ns
17-May	20	-	-	-	-	-	-	-	13.2
18-May	20	-	-	-	-	-	-	-	10.3
19-May	20	-	-	-	-	-	-	-	12.2
20-May	20	-	-	-	-	-	-	-	10.0
21-May	21	-	-	-	-	-	-	-	ns
22-May	21	-	-	-	-	-	-	-	ns
23-May	21	-	-	-	-	-	-	-	ns
24-May	21	-	-	-	-	-	-	-	-
25-May	21	-	-	-	-	-	-	-	9.5
26-May	21	-	-	-	-	-	-	-	12.7
27-May	21	-	-	-	-	-	-	-	10.0
28-May	22	-	-	-	-	-	-	-	ns
29-May	22	-	-	-	-	-	-	-	ns
30-May	22	-	-	-	-	-	-	-	ns
31-May	22	-	-	-	-	-	-	-	ns
01-Jun	22	-	-	-	-	-	-	-	10.3
02-Jun	22	-	-	-	-	-	-	-	14.0
03-Jun	22	-	-	-	-	-	-	-	10.3
04-Jun	23	-	-	-	-	-	-	-	11.2

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Date	Week	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)
05-Jun	23	-	-	-	-	-	-	-	-
06-Jun	23	-	-	-	-	-	-	-	-
07-Jun	23	-	-	-	-	-	-	-	-
08-Jun	23	-	-	-	-	-	-	-	8.4
09-Jun	23	-	-	-	-	-	-	-	7.9
10-Jun	23	-	-	-	-	-	-	-	10.1
11-Jun	24	-	-	-	-	-	-	-	-
12-Jun	24	-	-	-	-	-	-	-	11.0
13-Jun	24	-	-	-	-	-	-	-	-
14-Jun	24	-	-	-	-	-	-	-	14.2
15-Jun	24	-	-	-	-	-	-	-	10.0
16-Jun	24	-	-	-	-	-	-	-	-
17-Jun	24	-	-	-	-	-	-	-	ns
18-Jun	25	-	-	-	-	-	-	-	ns
19-Jun	25	-	-	-	-	-	-	-	ns
20-Jun	25	-	-	-	-	-	-	-	11.7
21-Jun	25	-	-	-	-	-	-	-	5.9
22-Jun	25	-	-	-	-	-	-	-	-
23-Jun	25	-	-	-	-	-	-	-	-
24-Jun	25	-	-	-	-	-	-	-	-
25-Jun	26	-	-	-	-	-	-	-	-
26-Jun	26	-	-	-	-	-	-	-	-
27-Jun	26	-	-	-	-	-	-	-	-
28-Jun	26	-	-	-	-	-	-	-	-
29-Jun	26	-	-	-	-	-	-	-	-
30-Jun	26	-	-	-	-	-	-	-	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 MOD River Flow (cfs)	2000 MOD River Flow (cfs)	2001 MOD River Flow (cfs)	2002 MOD River Flow (cfs)	2003 MOD River Flow (cfs)	2004 MOD River Flow (cfs)	2005 MOD River Flow (cfs)	2006 MOD River Flow (cfs)
01-Jan	1	807	407	440	1,029	309	352	1,237	3,569
02-Jan	1	725	405	439	681	303	491	825	4,739
03-Jan	1	749	403	439	1,738	297	702	540	6,311
04-Jan	1	744	405	439	1,603	280	446	1,865	6,075
05-Jan	1	717	410	442	622	274	382	837	6,040
06-Jan	1	639	411	445	461	268	348	451	6,811
07-Jan	1	570	409	450	390	261	336	387	6,809
08-Jan	2	560	416	562	362	258	326	490	6,917
09-Jan	2	567	407	510	349	260	320	1,252	7,064
10-Jan	2	576	417	573	339	-	316	-	6,288
11-Jan	2	574	445	621	334	-	314	-	5,037
12-Jan	2	569	442	733	328	-	311	3,130	4,907
13-Jan	2	557	443	823	320	325	309	1,210	4,978
14-Jan	2	554	455	829	310	302	307	585	4,806
15-Jan	3	565	460	824	306	285	307	459	4,726
16-Jan	3	590	458	653	301	278	306	394	4,768
17-Jan	3	575	477	508	298	272	310	364	4,578
18-Jan	3	607	525	496	292	267	307	331	3,961
19-Jan	3	632	465	500	290	264	306	308	3,810
20-Jan	3	748	483	495	289	262	306	298	3,664
21-Jan	3	1,013	492	473	287	262	305	292	3,545
22-Jan	4	1,234	503	461	287	261	305	288	3,449
23-Jan	4	2,368	577	456	286	263	304	285	3,510
24-Jan	4	3,190	601	477	286	263	310	281	3,622
25-Jan	4	3,129	618	520	288	262	307	275	3,419
26-Jan	4	3,034	722	620	296	261	306	298	3,211
27-Jan	4	2,928	445	696	297	262	308	554	3,302
28-Jan	4	2,904	382	566	293	262	317	970	3,325
29-Jan	5	2,709	350	501	346	261	310	2,382	3,345
30-Jan	5	2,994	347	476	315	255	307	1,261	3,358
31-Jan	5	3,142	345	464	302	252	306	561	3,408
01-Feb	5	3,050	386	457	295	253	306	507	3,395
02-Feb	5	2,760	397	457	288	251	336	689	3,313
03-Feb	5	2,302	353	455	284	251	336	934	3,158
04-Feb	5	2,549	351	451	282	251	326	1,388	3,174
05-Feb	6	2,880	362	447	282	251	393	1,510	3,164
06-Feb	6	2,380	361	442	280	249	364	1,539	3,166
07-Feb	6	2,311	344	439	282	248	343	1,533	3,270
08-Feb	6	2,598	336	438	290	248	330	1,525	3,391
09-Feb	6	4,181	333	457	287	249	319	1,518	3,393
10-Feb	6	5,051	343	587	278	249	313	1,519	3,421
11-Feb	6	5,220	367	774	273	248	312	1,535	3,437
12-Feb	7	6,243	566	869	276	252	309	1,543	3,416
13-Feb	7	6,995	959	1,004	274	263	303	1,523	3,418
14-Feb	7	7,044	2,235	949	273	255	302	1,572	3,317
15-Feb	7	7,062	3,011	1,053	271	252	302	1,882	3,177
16-Feb	7	7,084	2,444	1,093	271	268	337	2,224	3,152
17-Feb	7	6,551	3,925	1,064	294	252	313	3,570	3,362
18-Feb	7	6,505	4,282	1,080	278	255	359	3,271	3,249
19-Feb	8	6,497	4,087	1,062	275	263	981	3,794	2,781
20-Feb	8	6,285	4,032	988	285	266	750	3,923	2,621
21-Feb	8	6,467	3,930	1,271	283	260	460	-	2,470

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 MOD River Flow (cfs)	2000 MOD River Flow (cfs)	2001 MOD River Flow (cfs)	2002 MOD River Flow (cfs)	2003 MOD River Flow (cfs)	2004 MOD River Flow (cfs)	2005 MOD River Flow (cfs)	2006 MOD River Flow (cfs)
22-Feb	8	6,982	4,303	1,864	277	258	391	3,585	2,391
23-Feb	8	6,379	4,533	3,105	278	260	367	3,517	2,367
24-Feb	8	5,332	5,129	3,451	279	260	358	3,788	2,281
25-Feb	8	4,888	4,342	3,714	283	265	425	3,546	2,431
26-Feb	9	4,574	4,043	3,547	280	264	935	3,450	2,886
27-Feb	9	4,426	4,135	2,989	277	263	1,601	3,412	2,971
28-Feb	9	4,372	6,152	2,601	275	267	928	3,526	3,096
29-Feb	9	x	4,857	x	x	x	498	x	x
01-Mar	9	4,361	4,506	2,010	267	266	402	4,016	3,409
02-Mar	9	4,317	4,248	1,479	267	267	388	3,935	3,608
03-Mar	9	4,528	4,245	1,150	268	267	388	3,995	4,261
04-Mar	9	4,262	4,791	1,057	266	253	522	4,126	4,797
05-Mar	10	3,968	6,034	1,380	265	247	647	3,994	4,813
06-Mar	10	3,741	6,905	2,624	279	252	658	3,951	4,803
07-Mar	10	3,699	6,270	1,850	288	258	1,033	3,838	4,865
08-Mar	10	3,588	6,213	1,836	295	260	1,249	4,002	4,990
09-Mar	10	3,893	6,343	2,125	298	264	1,271	3,990	5,137
10-Mar	10	4,301	6,236	1,741	352	265	1,280	3,996	4,960
11-Mar	10	4,578	5,899	1,343	311	267	1,521	3,931	4,787
12-Mar	11	4,948	5,852	1,175	327	272	1,705	3,933	4,250
13-Mar	11	4,792	5,797	1,069	296	275	1,770	3,888	4,019
14-Mar	11	4,644	5,726	807	290	281	1,773	3,922	4,187
15-Mar	11	4,690	5,811	678	292	371	1,691	3,888	4,345
16-Mar	11	4,248	5,912	634	308	314	1,482	3,852	4,531
17-Mar	11	3,935	5,900	617	343	294	1,602	3,680	4,046
18-Mar	11	3,745	4,988	608	312	286	2,799	3,526	4,077
19-Mar	12	3,706	4,853	606	292	277	3,031	3,531	4,041
20-Mar	12	3,783	5,290	615	322	278	3,048	3,568	4,397
21-Mar	12	3,691	4,042	607	316	272	2,401	3,533	4,368
22-Mar	12	3,549	3,240	634	313	292	1,845	3,673	4,204
23-Mar	12	3,518	3,150	614	343	302	1,478	4,471	4,003
24-Mar	12	3,091	3,206	628	340	280	1,159	5,188	4,016
25-Mar	12	2,584	3,126	639	309	276	1,013	5,122	4,350
26-Mar	13	2,263	3,075	612	309	287	986	5,683	5,015
27-Mar	13	2,325	3,109	611	306	294	827	6,140	4,896
28-Mar	13	2,427	3,069	602	313	292	842	6,168	5,234
29-Mar	13	2,292	2,913	600	309	302	787	6,342	6,393
30-Mar	13	2,300	2,772	637	329	315	761	6,358	6,303
31-Mar	13	2,167	2,769	641	309	316	761	6,350	5,944
01-Apr	13	2,017	2,185	668	308	317	1,380	6,124	6,694
02-Apr	14	1,666	1,583	651	292	312	1,670	6,520	7,114
03-Apr	14	-	1,201	641	304	302	1,650	6,584	6,465
04-Apr	14	-	1,062	605	311	289	1,670	6,775	7,643
05-Apr	14	-	911	613	325	286	1,620	6,919	9,193
06-Apr	14	1,735	-	629	357	277	1,340	6,618	8,275
07-Apr	14	2,345	814	750	352	272	1,160	5,490	6,551
08-Apr	14	2,921	851	795	321	274	1,220	5,185	6,696
09-Apr	15	3,136	744	685	323	281	1,180	4,773	6,822
10-Apr	15	3,481	-	640	320	292	1,130	4,499	6,828
11-Apr	15	3,568	-	621	324	311	1,010	4,497	6,792
12-Apr	15	3,518	671	631	320	387	1,080	5,144	7,232
13-Apr	15	2,716	1,631	636	426	600	1,140	4,866	7,508

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 MOD River Flow (cfs)	2000 MOD River Flow (cfs)	2001 MOD River Flow (cfs)	2002 MOD River Flow (cfs)	2003 MOD River Flow (cfs)	2004 MOD River Flow (cfs)	2005 MOD River Flow (cfs)	2006 MOD River Flow (cfs)
14-Apr	15	1,893	4,199	635	714	918	1,400	4,388	7,568
15-Apr	15	1,689	4,497	663	739	1,142	1,510	4,349	7,432
16-Apr	16	1,518	4,481	570	744	1,179	1,470	4,268	7,546
17-Apr	16	1,624	4,695	535	832	1,175	1,520	4,305	7,366
18-Apr	16	1,699	4,692	566	846	1,180	1,570	4,310	7,603
19-Apr	16	1,684	4,098	1,245	869	1,211	1,710	4,316	7,688
20-Apr	16	1,714	3,087	1,579	911	1,223	1,660	4,272	7,722
21-Apr	16	1,844	1,963	1,254	913	1,226	1,630	4,090	7,775
22-Apr	16	1,783	1,608	942	923	1,202	1,660	3,975	7,762
23-Apr	17	1,746	1,553	905	875	1,128	1,240	3,858	7,733
24-Apr	17	1,616	1,546	883	916	1,020	1,050	3,677	7,713
25-Apr	17	1,386	1,522	853	1,139	903	810	3,371	7,842
26-Apr	17	1,317	1,569	852	1,169	740	770	3,196	7,970
27-Apr	17	1,741	1,603	859	1,188	714	826	3,445	8,010
28-Apr	17	2,523	1,850	877	1,214	746	820	3,790	8,013
29-Apr	17	3,015	2,027	966	1,220	709	813	3,854	7,985
30-Apr	18	3,052	1,919	1,301	1,178	678	702	3,837	7,994
01-May	18	2,786	1,851	1,496	1,187	645	705	3,845	8,021
02-May	18	2,756	1,794	1,507	1,109	683	703	3,949	7,994
03-May	18	2,847	2,172	1,541	943	744	765	3,859	7,960
04-May	18	2,845	2,925	1,519	789	717	789	3,742	7,951
05-May	18	2,840	3,031	-	775	702	755	3,834	7,942
06-May	18	3,007	3,057	-	753	689	769	3,846	7,974
07-May	19	2,911	3,169	1,576	749	751	794	3,829	7,975
08-May	19	2,884	3,138	1,503	743	758	842	3,847	7,998
09-May	19	2,854	2,857	1,192	738	758	858	4,091	7,777
10-May	19	2,902	2,620	1,157	725	750	882	4,202	7,676
11-May	19	2,881	2,385	1,076	744	755	815	4,168	7,643
12-May	19	3,028	2,163	1,060	722	748	785	4,160	7,534
13-May	19	3,484	2,025	1,088	700	713	773	4,128	7,505
14-May	20	3,572	1,789	1,115	676	674	781	4,138	7,691
15-May	20	3,539	1,251	1,080	615	603	776	4,121	7,791
16-May	20	2,899	931	1,078	521	510	667	4,145	7,727
17-May	20	1,567	646	1,136	444	503	572	4,130	7,589
18-May	20	969	471	1,140	392	438	446	4,132	7,525
19-May	20	859	451	1,048	403	380	409	4,410	7,493
20-May	20	838	610	780	401	343	327	5,252	7,499
21-May	21	885	686	617	418	450	349	5,866	7,399
22-May	21	833	819	502	389	696	341	5,931	7,450
23-May	21	825	1,014	459	390	738	355	5,972	7,113
24-May	21	795	1,018	446	372	729	346	5,970	6,680
25-May	21	808	1,081	470	376	745	337	5,939	6,537
26-May	21	799	881	501	377	766	325	5,575	6,455
27-May	21	809	686	452	362	747	338	5,378	6,266
28-May	22	793	558	526	343	730	336	5,315	6,043
29-May	22	777	525	478	366	743	369	5,242	5,780
30-May	22	795	507	433	349	680	373	5,230	5,485
31-May	22	791	488	489	361	536	372	4,996	5,157
01-Jun	22	778	491	448	348	447	323	4,793	4,764
02-Jun	22	755	524	417	367	418	343	4,639	4,270
03-Jun	22	739	666	410	323	396	315	4,515	3,919
04-Jun	23	728	660	377	273	391	304	4,498	3,681

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 MOD River Flow (cfs)	2000 MOD River Flow (cfs)	2001 MOD River Flow (cfs)	2002 MOD River Flow (cfs)	2003 MOD River Flow (cfs)	2004 MOD River Flow (cfs)	2005 MOD River Flow (cfs)	2006 MOD River Flow (cfs)
05-Jun	23	742	602	391	273	414	296	4,506	3,464
06-Jun	23	743	398	338	268	423	291	4,387	3,319
07-Jun	23	740	482	356	262	391	280	4,236	3,058
08-Jun	23	703	645	349	265	407	265	4,200	3,095
09-Jun	23	729	617	373	288	435	259	4,095	3,898
10-Jun	23	678	728	352	248	423	289	4,045	4,561
11-Jun	24	678	818	371	211	412	297	4,028	-
12-Jun	24	699	817	332	218	415	314	4,015	-
13-Jun	24	742	800	336	233	427	309	4,033	4,913
14-Jun	24	799	798	326	269	444	316	4,048	4,864
15-Jun	24	814	690	340	271	384	306	3,994	5,014
16-Jun	24	822	640	339	255	376	300	4,023	4,603
17-Jun	24	835	647	349	254	330	305	4,006	4,243
18-Jun	25	832	590	338	252	312	304	4,019	4,102
19-Jun	25	824	547	291	242	290	311	4,037	3,958
20-Jun	25	872	577	277	246	305	308	3,924	4,458
21-Jun	25	817	659	279	256	323	318	3,735	5,574
22-Jun	25	799	702	313	272	296	302	3,614	6,174
23-Jun	25	808	762	341	270	339	278	3,475	6,210
24-Jun	25	641	740	364	257	331	207	3,373	-
25-Jun	26	535	677	384	237	348	225	3,284	-
26-Jun	26	522	704	359	216	340	231	3,115	-
27-Jun	26	514	680	340	199	353	236	3,072	-
28-Jun	26	513	660	348	203	385	237	2,911	-
29-Jun	26	495	659	327	253	373	234	2,888	-
30-Jun	26	525	676	305	236	395	239	2,870	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
Date	Julian Week	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)
01-Jan	1	-	-	-	-	-	-	-	-
02-Jan	1	-	-	-	-	-	-	-	-
03-Jan	1	-	-	2.5	-	-	-	-	-
04-Jan	1	-	-	1.7	-	-	-	-	-
05-Jan	1	-	-	1.8	-	-	-	-	-
06-Jan	1	-	-		-	-	-	-	-
07-Jan	1	-	-	1.4	-	-	-	-	-
08-Jan	2	-	-	2.5	-	-	-	-	-
09-Jan	2	-	1.4	5.7	-	-	-	-	-
10-Jan	2	-	1.7	3.3	-	-	-	-	-
11-Jan	2	-	1.2	24.0	-	-	-	-	-
12-Jan	2	-	5.1	14.1	-	-	-	-	-
13-Jan	2	18.9	1.8	-	-	-	-	-	-
14-Jan	2	1.5	1.9	9.8	-	-	-	-	-
15-Jan	3	1.74	-	7.3	-	-	-	-	-
16-Jan	3	-	2.0	5.9	-	-	-	-	-
17-Jan	3	-	2.0	5.8	-	-	-	-	-
18-Jan	3	3.4	5.4	4.3	-	-	-	-	-
19-Jan	3	10.2	4.1	3.7	-	-	-	-	-
20-Jan	3	8.1	4.5	4.1	-	-	-	-	-
21-Jan	3	11.3	4.2	4.1	-	-	-	-	-
22-Jan	4	58.8	-	4	-	-	-	-	-
23-Jan	4	22.2	8.0	4.1	-	-	-	-	-
24-Jan	4	11.5	11.4	5.4	-	-	-	-	-
25-Jan	4	16.9	18.6	6.1	-	-	-	-	-
26-Jan	4	7.9	36.0	14.1	-	-	-	-	3.6
27-Jan	4	5.8	33.3	23.0	-	-	-	-	3.8
28-Jan	4	4.8	13.5	29.7	-	-	-	-	4.4
29-Jan	5	5.2	-	12	-	-	-	-	4.0
30-Jan	5	4.9	10.2	17.7	-	-	-	-	4.2
31-Jan	5	7.8	8.8	6.0	-	-	-	-	3.8
01-Feb	5	6.4	8.1	5.7	-	-	-	-	3.4
02-Feb	5	9.8	13.7	6.8	-	-	-	-	4.4
03-Feb	5	7.9	7.3	5.5	-	-	-	-	3.3
04-Feb	5	5.9	7.7	6.7	-	-	-	-	3.6
05-Feb	6	6	-	5	-	-	-	-	3.4
06-Feb	6	-	9.0	4.3	-	-	-	-	3.2
07-Feb	6	-	8.4	4.8	-	-	-	-	3.9
08-Feb	6	-	6.5	3.2	-	-	-	-	3.9
09-Feb	6	-	6.4	4.1	-	-	-	-	4.3
10-Feb	6	-	8.1	6.9	-	-	-	-	3.5
11-Feb	6	20.6	8.7	9.3	-	-	-	-	3.2
12-Feb	7	10.8	-	8	6	-	-	-	2.7
13-Feb	7	-	79.7	48.8	5.3	-	-	-	3.4
14-Feb	7	-	6.7	16.5	4.5	-	-	-	3.0
15-Feb	7	8	55.4	7.9	4.6	-	-	-	2.8
16-Feb	7	7.1	30.1	9.0	-	-	-	-	-
17-Feb	7	7.5	29.7	6.1	7.1	-	-	-	2.3
18-Feb	7	6.6	16.3	5.0	5.1	-	-	-	2.9
19-Feb	8	8.2	13.3	8.1	3.8	-	-	-	2.3
20-Feb	8	-	10.8	9.6	5.9	-	-	-	2.6
21-Feb	8	-	10.9	6.2	4.1	-	-	-	2.6

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
Date	Julian Week	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)
22-Feb	8	-	14.2	14.2	3.8	-	-	-	2.0
23-Feb	8	-	13.1	12.7	-	-	-	-	2.1
24-Feb	8	7.2	47.2	10.3	4.6	-	-	-	2.2
25-Feb	8	7.3	12.4	9.3	5.9	-	-	-	2.8
26-Feb	9	6.3	8.8	20.9	6.7	-	-	-	2.7
27-Feb	9	-	8.4	12.5	3.9	-	-	-	2.4
28-Feb	9	8.7	37.1	7.1	5.3	-	-	-	2.9
29-Feb	9	7.1	20.6	4.2	4.4	**x**	-	**x**	**x**
01-Mar	9	5.7	16.1	6.2	-	-	-	-	-
02-Mar	9	6.5	12.2	7.5	4.7	-	-	-	1.8
03-Mar	9	52.3	8.5	5.8	7.5	-	-	-	5.0
04-Mar	9	6.6	7.9	11.6	3.4	-	-	-	2.9
05-Mar	10	-	9.3	111.0	5.3	-	-	-	2.9
06-Mar	10	-	53.6	49.2	8.3	-	-	-	1.7
07-Mar	10	5.6	17.1	23.7	4.6	-	-	-	3.3
08-Mar	10	5	10.6	11.5	-	-	-	-	3.2
09-Mar	10	8.5	10.4	11.5	-	-	-	-	4.1
10-Mar	10	9.1	11.0	9.7	10.2	-	-	-	3.3
11-Mar	10	30.3	7.8	8.4	8.2	-	-	-	3.1
12-Mar	11	8.5	8.6	8.8	10.1	-	-	-	2.9
13-Mar	11	6.9	7.2	7.9	8.9	-	-	-	3.6
14-Mar	11	5.7	6.4	5.3	5.8	-	-	-	3.7
15-Mar	11	5.3	7.2	6.9	-	-	-	-	2.9
16-Mar	11	5.2	7.5	5.0	5.8	-	-	-	4.4
17-Mar	11	6.4	6.7	3.6	11.3	-	-	-	4.1
18-Mar	11	5.4	6.7	15.9	7.6	-	-	-	3.8
19-Mar	12	5.6	6.7	8.3	8.4	-	-	-	4.1
20-Mar	12	-	6.9	7.5	8.7	-	-	-	3.6
21-Mar	12	4	6.4	5.6	9.7	-	-	-	2.6
22-Mar	12	4.9	6.9	7.5	-	-	-	-	3.1
23-Mar	12	5.2	7.1	8.7	-	-	-	-	2.4
24-Mar	12	4.5	7.2	6.4	8.9	-	-	-	4.0
25-Mar	12	4.6	7.0	7.4	9.1	-	-	-	2.4
26-Mar	13	5.6	6.2	6.6	10.0	-	-	-	2.8
27-Mar	13	7.1	5.9	6.8	10.7	-	-	-	5.4
28-Mar	13	3.8	6.4	5.4	10.2	-	-	-	1.9
29-Mar	13	5.3	5.2	6.0	8.3	-	-	-	5.2
30-Mar	13	5.9	6.3	7.6	11.6	-	-	-	19.9
31-Mar	13	5.7	6.1	8.6	8.4	-	-	-	5.1
01-Apr	13	4.1	6.3	8.3	9.9	-	9.4	-	5.8
02-Apr	14	5.4	7.0	8.4	8.9	-	5.9	3.7	16.6
03-Apr	14	5.1	6.1	6.9	8.1	-	ns	ns	5.7
04-Apr	14	4.2	7.5	16.6	13.0	-	ns	ns	11.6
05-Apr	14	7.6	6.3	7.2	9.9	-	12.3	ns	75.6
06-Apr	14	5	8.2	6.7	9.1	-	7.7	4.4	-
07-Apr	14	6.1	8.2	8.9	11.9	-	8	4.1	8.0
08-Apr	14	4.1	8.7	9.5	13.3	-	10.2	2.7	5.1
09-Apr	15	5.4	7.4	4.3	9.6	-	9.6	3.7	3.0
10-Apr	15	5	9.3	5.2	12.9	-	3.43	3.2	3.5
11-Apr	15	4.7	8.3	5.5	11.1	-	4.46	4.2	3.0
12-Apr	15	4.1	8.7	5.1	8.9	-	3.49	2.7	2.2
13-Apr	15	3.9	8.7	6.4	14.3	-	4.8	2.7	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
	Julian	Turbidity	Turbidity	Turbidity	Turbidity	Turbidity	Turbidity	Turbidity	Turbidity
Date	Week	(NTU's)	(NTU's)	(NTU's)	(NTU's)	(NTU's)	(NTU's)	(NTU's)	(NTU's)
14-Apr	15	4.7	10.2	8.5	16.7	-	2.57	3.2	2.6
15-Apr	15	5.2	7.0	8.5	13.6	-	ns	2.8	3.1
16-Apr	16	5.7	5.8	7.8	12.9	-	2.37	3.6	4.5
17-Apr	16	4.9	7.2	7.9	11.0	-	ns	3.1	3.3
18-Apr	16	4.5	9.7	6.5	11.8	-	2.69	4.1	4.3
19-Apr	16	4.4	6.9	11.5	11.4	-	3.06	4.2	3.7
20-Apr	16	4.7	6.8	7.0	10.6	-	2.97	3.6	3.2
21-Apr	16	5.4	6.1	6.3	15.0	-	3.11	3.6	2.9
22-Apr	16	6.4	6.8	6.9	14.3	-	3	2.8	2.5
23-Apr	17	4.3	5.8	8.3	13.1	-	3.5	3.4	3.8
24-Apr	17	4.8	6.2	7.2	12.6	-	1.7	3.5	3.2
25-Apr	17	5.1	6.2	7.7	11.0	-	2.25	3.2	3.8
26-Apr	17	1.1	7.4	10.4	10.1	-	3.88	2.9	3.5
27-Apr	17	4.9	7.5	4.8	11.9	-	4.67	2.8	3.3
28-Apr	17	8.8	7.3	7.7	11.6	-	3.34	3.6	3.2
29-Apr	17	5.5	9.2	9.3	10.8	-	3.14	4.1	4.4
30-Apr	18	4	7.2	6.0	9.2	-	2.97	3.7	3.4
01-May	18	5.2	6.3	7.0	9.2	-	5.3	3.4	2.6
02-May	18	4.4	7.0	4.7	10.2	-	3.3	2.7	3.5
03-May	18	6.5	10.0	8.7	7.2	-	3.3	3.5	2.7
04-May	18	5.3	9.7	6.4	11.0	-	4.75	2.2	2.3
05-May	18	4.2	5.9	7.1	9.9	-	1.98	3.6	3.1
06-May	18	5.4	14.2	6.1	10.4	-	3.04	3.6	2.2
07-May	19	5.8	8.5	6.3	9.8	-	2.79	3.8	2.6
08-May	19	5.6	9.6	6.2	9.8	-	3.16	3.5	-
09-May	19	5.8	10.1	8.1	9.2	-	3.89	3.8	3.0
10-May	19	4.7	6.7	8.5	6.5	-	3.03	3.2	2.1
11-May	19	4.4	7.3	9.6	8.6	-	4.05	1.7	2.4
12-May	19	4.6	5.6	6.0	10.0	-	1.84	2.7	2.1
13-May	19	6.7	7.9	8.0	8.5	-	5.21	2.6	1.8
14-May	20	7.7	7.0	9.9	8.0	-	4.71	2.7	2.3
15-May	20	6.5	6.0	9.2	6.5	-	2.56	2.6	ns
16-May	20	4.5	35.2	8.7	7.7	-	5.58	2.4	ns
17-May	20	6.7	11.4	10.1	5.0	-	2.88	2.9	1.6
18-May	20	6.2	11.1	9.4	8.3	-	4.29	3.4	1.6
19-May	20	6.9	8.6	7.7	9.2	-	3.07	2.6	1.6
20-May	20	7.9	11.2	6.5	7.8	-	2.57	2.9	1.5
21-May	21	7.8	9.6	9.5	11.3	-	4.19	-	ns
22-May	21	7.1	9.0	7.6	8.2	-	3.24	2.9	ns
23-May	21	10.3	6.5	10.0	7.3	-	2.6	2.3	ns
24-May	21	8.5	9.1	8.5	10.0	-	2.85	3.9	2.6
25-May	21	9.6	9.3	8.7	10.1	-	3.94	2.2	1.8
26-May	21	7.9	8.4	7.6	11.7	-	3.39	4.0	1.4
27-May	21	6.7	8.3	6.4	8.3	-	2.83	2.6	1.4
28-May	22	5.7	9.3	7.5	8.1	-	4.11	3.6	ns
29-May	22	-	7.7	-	9.6	-	ns	2.3	ns
30-May	22	-	8.1	-	6.9	-	ns	2.9	ns
31-May	22	-	7.3	-	9.4	-	ns	3.1	ns
01-Jun	22	-	7.2	-	-	-	ns	2.3	2.8
02-Jun	22	-	6.9	-	-	-	2.22	3.0	1.6
03-Jun	22	-	8.1	-	-	-	2.62	2.5	3.0
04-Jun	23	-	8.5	-	-	-	2.79	3.4	2.9

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
Date	Julian Week	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)	Turbidity (NTU's)
05-Jun	23	-	8.5	-	-	-	4.04	1.7	3.8
06-Jun	23	-	7.7	-	-	-	4.94	3.3	4.0
07-Jun	23	-	7.8	-	-	-	4.12	2.4	2.2
08-Jun	23	-	17.1	-	-	-	3.11	3.6	2.6
09-Jun	23	5.7	12.3	-	-	-	ns	2.9	2.8
10-Jun	23	4.7	8.1	-	-	-	-	2.7	1.9
11-Jun	24	4.2	8.6	-	-	-	-	ns	2.3
12-Jun	24	4.8	9.0	-	-	-	-	ns	2.2
13-Jun	24	4.8	-	-	-	-	-	ns	1.6
14-Jun	24	5.4	-	-	-	-	-	2.7	1.8
15-Jun	24	5.5	-	-	-	-	-	2.7	1.8
16-Jun	24	6.7	-	-	-	-	-	3.0	1.6
17-Jun	24	5.4	-	-	-	-	-	4.3	ns
18-Jun	25	-	-	-	-	-	-	-	ns
19-Jun	25	-	-	-	-	-	-	-	ns
20-Jun	25	-	-	-	-	-	-	-	2.0
21-Jun	25	-	-	-	-	-	-	-	2.5
22-Jun	25	-	-	-	-	-	-	-	1.7
23-Jun	25	-	-	-	-	-	-	-	-
24-Jun	25	-	-	-	-	-	-	-	-
25-Jun	26	-	-	-	-	-	-	-	-
26-Jun	26	-	-	-	-	-	-	-	-
27-Jun	26	-	-	-	-	-	-	-	-
28-Jun	26	-	-	-	-	-	-	-	-
29-Jun	26	-	-	-	-	-	-	-	-
30-Jun	26	-	-	-	-	-	-	-	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 Average River Temp. (F)	2000 Average River Temp. (F)	2001 Average River Temp. (F)	2002 Average River Temp. (F)	2003 Average River Temp. (F)	2004 Average River Temp. (F)	2005 Average River Temp. (F)	2006 Average River Temp. (F)
01-Jan	1	50.6	49.7	49.7	54.8	50.5	50.1	51.1	51.2
02-Jan	1	50.8	49.3	50.0	55.2	51.2	49.5	50.6	50.4
03-Jan	1	50.7	48.9	50.1	55.1	51.4	47.8	51.0	50.5
04-Jan	1	49.8	48.2	49.9	54.6	52.0	47.0	50.4	50.5
05-Jan	1	49.2	50.4	49.8	54.1	52.8	47.3	49.3	50.5
06-Jan	1	48.5	48.2	49.7	54.1	53.2	51.9	50.3	49.9
07-Jan	1	48.1	48.6	49.5	53.9	51.7	52.1	50.6	50.2
08-Jan	2	48.5	48.6	50.7	53.8	51.4	52.6	51.4	50.3
09-Jan	2	47.6	49.0	50.8	55.1	51.3	52.5	50.7	49.6
10-Jan	2	47.2	49.1	50.5	54.9	52.5	52.1	51.3	49.5
11-Jan	2	47.0	49.6	50.4	54.4	53.4	51.7	51.9	49.5
12-Jan	2	47.0	50.4	51.3	53.8	53.4	51.8	51.1	49.4
13-Jan	2	47.3	50.8	51.0	53.8	53.7	51.8	49.4	49.4
14-Jan	2	47.9	51.0	50.5	51.7	54.1	51.5	49.3	49.8
15-Jan	3	49.3	51.9	49.2	50.1	55.0	51.5	49.2	49.3
16-Jan	3	51.3	52.5	48.3	49.8	53.2	51.4	49.5	48.6
17-Jan	3	53.4	52.4	48.0	49.2	52.3	51.3	49.6	48.7
18-Jan	3	54.5	52.9	48.1	49.1	52.3	51.3	49.7	49.2
19-Jan	3	55.2	54.6	49.7	49.2	51.5	51.4	50.0	48.8
20-Jan	3	55.3	55.0	49.0	49.1	50.9	51.3	50.2	48.2
21-Jan	3	53.8	54.4	49.3	49.2	51.2	51.2	50.4	48.1
22-Jan	4	53.4	54.4	50.9	49.5	52.5	51.0	50.4	48.6
23-Jan	4	52.0	54.0	51.4	48.5	54.4	51.1	50.5	48.5
24-Jan	4	50.5	53.6	52.2	48.6	55.1	51.2	51.1	48.3
25-Jan	4	50.2	54.6	51.2	49.1	54.2	51.6	51.9	48.4
26-Jan	4	49.9	54.2	51.1	49.7	55.3	51.1	53.4	48.8
27-Jan	4	49.5	54.0	50.1	49.7	55.8	51.5	53.2	48.8
28-Jan	4	49.5	53.0	50.0	49.2	57.0	51.3	52.9	48.8
29-Jan	5	49.6	52.7	51.2	49.1	56.4	51.5	51.8	49.6
30-Jan	5	49.6	53.2	50.4	47.8	56.0	51.4	51.8	50.0
31-Jan	5	49.7	52.9	50.7	48.0	55.9	51.4	51.5	49.3
01-Feb	5	49.9	53.8	50.8	48.7	56.7	51.1	51.9	49.3
02-Feb	5	49.3	53.4	51.6	49.6	54.5	51.0	52.4	50.3
03-Feb	5	49.8	53.6	52.7	50.0	53.9	51.0	52.5	50.6
04-Feb	5	50.2	54.2	53.8	50.4	53.8	51.4	52.3	50.4
05-Feb	6	50.2	54.3	54.6	50.6	52.2	51.2	52.5	49.7
06-Feb	6	50.2	54.6	54.3	51.1	51.8	51.3	52.9	49.1
07-Feb	6	50.2	55.0	51.8	53.1	52.1	51.8	53.2	49.6
08-Feb	6	50.8	56.1	50.3	54.1	51.4	51.1	53.2	49.9
09-Feb	6	51.2	56.4	51.1	53.0	51.3	51.3	52.9	50.1
10-Feb	6	50.1	56.2	50.6	54.1	52.0	51.2	52.7	50.3
11-Feb	6	49.0	54.4	50.5	54.9	52.4	51.3	52.9	50.6
12-Feb	7	49.5	53.5	50.4	55.4	52.6	51.4	53.5	50.7
13-Feb	7	49.9	51.9	48.5	54.9	55.5	51.3	53.9	50.6
14-Feb	7	50.5	52.3	49.5	55.8	56.7	51.4	54.5	50.9
15-Feb	7	50.3	53.9	50.7	56.3	56.8	51.8	54.2	49.9
16-Feb	7	50.2	53.5	52.4	56.2	57.3	51.9	54.0	48.6
17-Feb	7	50.7	52.1	52.4	56.0	56.2	51.5	54.0	48.1
18-Feb	7	51.0	51.7	53.1	56.0	55.7	51.5	54.5	48.0
19-Feb	8	50.2	51.8	53.1	56.2	55.5	51.4	54.1	48.6
20-Feb	8	50.0	52.0	53.6	58.2	55.0	51.2	53.8	48.3
21-Feb	8	49.7	52.1	53.7	58.9	56.2	51.4	54.2	48.5

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 Average River Temp. (F)	2000 Average River Temp. (F)	2001 Average River Temp. (F)	2002 Average River Temp. (F)	2003 Average River Temp. (F)	2004 Average River Temp. (F)	2005 Average River Temp. (F)	2006 Average River Temp. (F)
22-Feb	8	50.4	52.1	52.9	59.1	56.7	51.3	54.2	48.9
23-Feb	8	50.3	51.1	52.4	59.7	56.4	51.5	53.9	49.5
24-Feb	8	50.7	50.8	51.5	59.2	56.8	51.5	53.4	50.2
25-Feb	8	51.1	50.9	51.5	59.9	58.0	51.3	53.2	50.9
26-Feb	9	50.8	51.8	52.7	60.2	57.6	51.5	52.5	50.4
27-Feb	9	50.6	52.4	53.3	60.8	58.0	51.6	52.7	49.8
28-Feb	9	50.9	52.3	53.2	60.5	56.8	51.6	53.1	50.7
29-Feb	9	**x**	51.9	**x**	**x**	**x**	51.8	**x**	**x**
01-Mar	9	51.7	51.2	52.3	57.2	57.7	51.4	53.7	50.9
02-Mar	9	51.8	51.3	51.8	57.5	58.0	51.3	53.9	50.5
03-Mar	9	51.5	50.8	52.5	58.9	57.5	51.4	53.7	49.7
04-Mar	9	50.7	51.7	52.4	59.5	57.5	51.3	53.9	49.0
05-Mar	10	50.2	51.5	52.8	60.3	58.1	51.4	53.4	49.1
06-Mar	10	50.0	51.2	52.9	61.0	59.4	51.7	53.8	49.5
07-Mar	10	50.0	51.1	54.0	59.7	59.3	51.6	54.2	50.1
08-Mar	10	50.1	50.4	55.1	56.6	59.6	51.6	54.8	49.6
09-Mar	10	49.8	50.8	54.7	56.3	60.6	51.8	55.6	50.2
10-Mar	10	50.4	51.3	54.0	57.6	61.8	51.6	56.1	49.6
11-Mar	10	50.3	51.9	54.5	59.0	63.1	51.4	56.2	49.0
12-Mar	11	50.9	52.0	55.7	59.9	64.4	51.2	56.6	48.4
13-Mar	11	51.1	52.2	56.9	58.1	64.2	51.3	56.8	49.0
14-Mar	11	51.0	52.6	58.2	57.0	63.9	51.4	54.8	49.8
15-Mar	11	50.7	52.7	58.2	57.1	63.8	51.3	54.8	49.2
16-Mar	11	50.4	52.6	58.5	57.7	61.0	51.3	54.6	50.0
17-Mar	11	50.7	52.1	59.9	55.4	60.4	51.2	54.0	49.9
18-Mar	11	51.5	52.3	61.7	54.0	60.0	51.2	53.6	49.6
19-Mar	12	51.4	53.0	63.2	57.0	60.8	51.2	53.6	50.3
20-Mar	12	51.1	52.1	64.7	59.0	62.4	51.2	53.7	49.6
21-Mar	12	51.6	51.7	65.1	60.7	62.9	51.3	53.4	48.7
22-Mar	12	51.8	52.7	65.3	60.4	63.8	51.3	53.5	49.8
23-Mar	12	52.0	53.7	64.9	59.9	63.0	51.2	53.5	50.5
24-Mar	12	52.2	53.9	65.3	60.5	62.7	51.2	53.8	51.2
25-Mar	12	53.3	53.8	65.8	59.9	64.0	50.9	53.9	51.4
26-Mar	13	54.4	53.8	63.8	61.4	65.5	51.0	53.2	50.7
27-Mar	13	54.1	53.8	63.6	63.1	62.7	51.3	53.2	50.8
28-Mar	13	53.3	53.4	65.3	64.2	62.1	51.3	53.3	50.0
29-Mar	13	52.7	53.3	65.6	66.2	64.8	51.5	53.3	49.6
30-Mar	13	52.7	53.8	65.6	67.2	66.7	51.2	52.5	49.7
31-Mar	13	52.8	54.5	66.5	67.8	67.5	51.1	53.3	49.4
01-Apr	13	52.8	54.9	66.3	68.9	64.1	51.1	53.6	49.8
02-Apr	14	53.0	56.3	63.2	70.1	61.1	51.0	53.4	50.7
03-Apr	14	53.7	58.0	61.0	69.2	61.8	51.2	53.1	50.2
04-Apr	14	52.7	59.4	61.0	67.0	62.4	51.2	53.0	51.6
05-Apr	14	52.2	59.8	60.9	66.1	61.1	51.2	53.4	53.0
06-Apr	14	52.2	60.6	59.1	66.3	61.0	51.2	53.6	51.8
07-Apr	14	51.1	61.1	57.7	66.8	63.0	51.4	54.1	51.4
08-Apr	14	50.2	61.8	57.1	67.7	65.6	51.4	52.5	51.3
09-Apr	15	50.2	61.5	57.7	65.8	67.2	51.5	52.1	51.1
10-Apr	15	51.1	62.1	56.6	66.3	67.3	51.5	53.8	50.4
11-Apr	15	50.9	63.8	-	67.8	66.7	51.5	54.8	50.4
12-Apr	15	51.5	65.0	-	68.6	65.6	51.4	54.6	50.2
13-Apr	15	53.3	64.9	-	69.5	64.0	51.4	54.0	50.5

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 Average River Temp. (F)	2000 Average River Temp. (F)	2001 Average River Temp. (F)	2002 Average River Temp. (F)	2003 Average River Temp. (F)	2004 Average River Temp. (F)	2005 Average River Temp. (F)	2006 Average River Temp. (F)
14-Apr	15	55.4	58.0	-	70.8	63.0	51.2	54.0	51.6
15-Apr	15	57.1	54.9	-	65.8	58.9	51.1	54.1	51.0
16-Apr	16	58.1	54.2	-	61.9	57.5	51.1	54.9	50.9
17-Apr	16	58.6	53.5	-	59.0	57.3	51.1	55.7	50.0
18-Apr	16	57.8	53.3	-	57.2	57.2	51.2	55.4	50.9
19-Apr	16	57.2	54.5	-	57.7	58.1	51.3	54.9	51.0
20-Apr	16	57.1	55.9	-	59.5	58.4	51.4	55.0	51.3
21-Apr	16	56.6	57.6	-	60.6	57.3	51.5	55.2	51.3
22-Apr	16	56.2	59.1	-	61.9	56.5	51.5	54.9	51.1
23-Apr	17	56.2	58.7	-	62.9	57.2	51.4	53.7	50.1
24-Apr	17	56.5	58.7	-	63.5	57.8	51.6	54.3	50.0
25-Apr	17	57.2	59.7	-	62.2	58.1	51.8	55.3	50.5
26-Apr	17	58.0	60.8	-	59.8	58.4	51.9	55.9	51.0
27-Apr	17	56.5	61.3	-	58.3	60.1	52.0	55.7	51.7
28-Apr	17	53.9	59.7	-	56.9	61.5	51.9	54.9	51.9
29-Apr	17	53.0	58.7	-	56.4	61.2	51.8	55.5	52.2
30-Apr	18	54.1	59.1	-	56.8	61.3	51.7	56.2	52.5
01-May	18	55.5	60.3	-	57.2	62.6	51.9	56.4	52.7
02-May	18	54.4	61.2	-	58.5	62.7	51.9	57.0	52.5
03-May	18	52.6	61.7	-	60.4	61.7	52.0	57.2	52.4
04-May	18	53.0	60.4	-	61.9	61.4	52.1	56.3	52.1
05-May	18	54.6	58.6	-	64.1	61.5	52.0	55.3	51.9
06-May	18	55.8	56.9	-	65.5	63.1	51.8	54.9	52.2
07-May	19	56.1	55.6	-	65.4	63.7	51.9	56.2	52.3
08-May	19	55.8	56.2	-	64.7	63.0	52.1	56.2	52.8
09-May	19	55.0	57.4	-	64.9	62.1	52.0	54.9	53.0
10-May	19	55.0	57.1	-	64.5	62.8	51.9	55.3	52.9
11-May	19	55.7	56.3	-	64.2	63.7	52.0	55.9	52.9
12-May	19	57.0	56.5	-	65.2	64.8	52.0	56.7	53.2
13-May	19	56.3	57.6	-	65.9	66.4	52.0	57.2	53.4
14-May	20	55.0	58.0	-	66.0	67.1	52.1	57.7	53.5
15-May	20	54.8	58.3	-	67.0	66.8	52.2	58.1	53.8
16-May	20	55.2	58.1	-	68.0	67.0	52.5	57.9	53.8
17-May	20	57.2	59.7	-	68.9	67.1	52.8	56.5	54.4
18-May	20	60.9	63.2	-	69.4	66.8	53.1	55.6	54.5
19-May	20	63.0	66.7	-	67.7	67.2	53.2	56.0	54.0
20-May	20	64.3	69.5	-	66.7	69.9	53.2	57.1	53.1
21-May	21	65.3	71.6	-	66.5	71.9	53.3	56.1	52.9
22-May	21	67.5	71.9	-	66.7	73.4	53.3	56.7	52.2
23-May	21	68.8	70.5	-	68.1	74.0	53.4	57.0	53.1
24-May	21	69.3	70.0	-	70.3	72.5	53.1	57.1	54.1
25-May	21	70.0	69.2	-	72.0	70.7	53.4	57.1	54.3
26-May	21	71.2	68.7	-	72.0	70.2	53.5	57.5	53.8
27-May	21	71.2	69.7	-	72.0	70.2	52.1	57.8	53.2
28-May	22	70.6	70.6	-	73.2	71.7	-	57.3	53.3
29-May	22	70.2	70.3	-	75.4	72.5	-	56.2	53.7
30-May	22	70.2	70.0	-	78.6	71.2	-	56.9	54.2
31-May	22	70.4	69.4	-	79.3	71.8	-	57.8	54.9
01-Jun	22	69.8	70.7	-	77.2	72.7	-	58.3	55.6
02-Jun	22	68.5	71.6	-	74.4	74.4	-	58.1	56.5
03-Jun	22	66.4	71.5	-	74.7	76.6	-	58.0	57.8
04-Jun	23	66.4	71.8	-	76.3	76.5	-	58.1	58.7

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

Date	Julian Week	1999 Average River Temp. (F)	2000 Average River Temp. (F)	2001 Average River Temp. (F)	2002 Average River Temp. (F)	2003 Average River Temp. (F)	2004 Average River Temp. (F)	2005 Average River Temp. (F)	2006 Average River Temp. (F)
05-Jun	23	68.7	69.8	-	79.1	76.4	-	58.1	58.6
06-Jun	23	69.5	70.1	-	80.1	76.2	-	57.4	58.3
07-Jun	23	68.0	70.5	-	78.2	75.5	-	57.1	58.5
08-Jun	23	67.9	68.9	-	74.6	75.7	-	56.8	58.4
09-Jun	23	68.6	68.7	-	70.8	76.0	-	56.7	57.4
10-Jun	23	69.3	70.0	-	71.8	75.6	-	58.5	56.1
11-Jun	24	70.3	69.9	-	76.0	75.2	-	59.1	55.6
12-Jun	24	71.1	70.7	-	77.3	74.2	-	59.1	55.3
13-Jun	24	71.5	72.0	-	76.9	73.6	-	59.1	55.0
14-Jun	24	73.0	74.4	-	75.2	73.6	-	59.0	54.9
15-Jun	24	72.5	76.3	-	75.1	73.7	-	58.9	55.7
16-Jun	24	72.0	76.9	-	75.5	76.0	-	57.8	57.0
17-Jun	24	73.8	76.6	-	75.5	77.4	-	56.2	57.9
18-Jun	25	74.3	75.3	-	77.4	77.0	-	56.8	58.1
19-Jun	25	73.6	74.7	-	78.4	75.7	-	57.9	57.7
20-Jun	25	74.0	76.6	-	78.3	76.3	-	58.4	57.2
21-Jun	25	74.4	77.6	-	77.2	75.6	-	58.8	56.5
22-Jun	25	75.9	77.8	-	76.4	75.3	-	59.1	56.2
23-Jun	25	77.6	77.2	-	76.9	75.1	-	59.6	56.3
24-Jun	25	76.9	76.8	-	77.2	74.3	-	59.7	56.6
25-Jun	26	75.3	76.6	-	79.6	76.5	-	59.8	56.7
26-Jun	26	74.3	77.4	-	79.4	78.9	-	59.9	56.4
27-Jun	26	74.9	78.2	-	78.3	80.3	-	60.1	56.0
28-Jun	26	76.2	78.7	-	78.6	79.9	-	60.2	56.8
29-Jun	26	77.4	78.9	-	78.7	78.6	-	60.9	57.7
30-Jun	26	-	77.9	-	80.3	78.2	-	61.3	58.5

* Temperatures recorded at Shiloh (RM 3.4)

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted CFS*		
		North	North	North	North	North	North	North	North
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
01-Jan	1	-	-	-	-	-	-	-	-
02-Jan	1	-	-	-	-	-	-	-	-
03-Jan	1	-	-	0.56	-	-	-	-	-
04-Jan	1	-	-	0.57	-	-	-	-	-
05-Jan	1	-	-	0.57	-	-	-	-	-
06-Jan	1	-	-	-	-	-	-	-	-
07-Jan	1	-	-	-	-	-	-	-	-
08-Jan	2	-	-	0.53	-	-	-	-	-
09-Jan	2	-	-	0.61	-	-	-	-	-
10-Jan	2	-	-	0.59	-	-	-	-	-
11-Jan	2	-	0.55	0.75	-	-	-	-	-
12-Jan	2	-	0.59	0.69	-	-	-	-	-
13-Jan	2	0.66	0.57	-	-	-	-	-	-
14-Jan	2	0.61	0.60	-	-	-	-	-	-
15-Jan	3	0.64	-	0.71	-	-	-	-	-
16-Jan	3	-	-	0.72	-	-	-	-	-
17-Jan	3	0.62	0.60	0.59	-	-	-	-	-
18-Jan	3	0.62	0.59	0.63	-	-	-	-	-
19-Jan	3	0.67	-	0.62	-	-	-	-	-
20-Jan	3	0.69	0.56	0.63	-	-	-	-	-
21-Jan	3	1.60	0.54	0.57	-	-	-	-	-
22-Jan	4	0.83	-	0.60	-	-	-	-	-
23-Jan	4	0.98	-	0.59	-	-	-	-	-
24-Jan	4	0.97	0.60	0.70	0.48	-	-	-	-
25-Jan	4	1.06	0.61	0.62	0.50	-	-	-	-
26-Jan	4	1.16	0.58	0.63	-	-	-	-	3.61
27-Jan	4	1.09	0.62	0.53	-	-	-	-	3.40
28-Jan	4	1.04	0.48	0.53	0.46	-	-	-	3.65
29-Jan	5	1.06	-	0.50	0.37	-	-	-	3.62
30-Jan	5	1.03	-	0.49	0.51	-	-	-	3.69
31-Jan	5	1.09	0.48	-	0.42	-	-	-	3.50
01-Feb	5	1.19	0.47	0.42	0.36	-	-	-	2.98
02-Feb	5	1.08	-	0.46	-	-	-	-	2.80
03-Feb	5	1.01	0.59	0.45	-	-	-	-	2.97
04-Feb	5	0.99	0.57	0.43	0.32	-	-	-	3.60
05-Feb	6	1.09	-	0.55	0.42	-	-	-	3.04
06-Feb	6	-	-	0.40	0.32	-	-	-	3.19
07-Feb	6	-	0.48	0.43	0.36	-	-	-	3.50
08-Feb	6	-	0.50	0.48	0.35	-	-	-	3.82
09-Feb	6	-	0.50	0.41	-	-	-	-	3.70
10-Feb	6	-	0.59	0.43	-	-	-	-	3.85
11-Feb	6	1.24	0.63	-	0.25	-	-	-	3.40
12-Feb	7	1.27	-	0.55	0.50	-	-	-	2.80
13-Feb	7	-	-	0.61	-	-	-	-	3.84
14-Feb	7	-	0.68	0.58	0.30	-	-	-	3.75
15-Feb	7	1.32	1.28	0.60	-	-	-	-	4.20
16-Feb	7	1.30	0.87	0.63	-	-	-	-	3.70
17-Feb	7	1.29	1.11	0.64	-	-	-	-	3.61
18-Feb	7	1.35	1.05	0.55	-	-	-	-	2.84
19-Feb	8	1.38	1.12	0.55	-	-	-	-	3.58
20-Feb	8	-	1.15	-	-	-	-	-	3.54

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted CFS*		
		North	North	North	North	North	North	North	North
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
21-Feb	8	-	0.87	1.00	-	-	-	-	2.75
22-Feb	8	-	0.85	1.19	-	-	-	-	3.10
23-Feb	8	-	1.28	-	-	-	-	-	3.36
24-Feb	8	1.20	0.90	1.45	-	-	-	-	3.01
25-Feb	8	1.21	0.75	1.03	-	-	-	-	2.86
26-Feb	9	1.22	0.88	1.07	-	-	-	-	3.00
27-Feb	9		0.92	1.13	0.31	-	-	-	3.60
28-Feb	9	1.20	0.86	1.13	0.43	-	-	-	3.87
29-Feb	9	**x**	1.09	**x**	**x**	-	-	**x**	**x**
01-Mar	9	1.11	1.04	1.04	0.35	-	-	-	4.11
02-Mar	9	1.10	0.93	0.62	-	-	-	-	3.30
03-Mar	9	1.15	0.92	0.84	-	-	-	-	4.20
04-Mar	9	1.11	0.82	0.79	0.51	-	-	-	4.80
05-Mar	10	1.10	0.94	0.85	0.43	-	-	-	4.48
06-Mar	10	-	0.92	0.74	0.45	-	-	-	4.20
07-Mar	10	1.05	0.98	0.79	0.49	-	-	-	4.10
08-Mar	10	1.01	0.99	0.78	0.45	-	-	-	4.60
09-Mar	10	1.27	1.10	0.88	-	-	-	-	4.61
10-Mar	10	1.06	0.99	0.79	-	-	-	-	4.41
11-Mar	10	1.12	0.96	1.02	0.50	-	-	-	3.82
12-Mar	11	1.20	0.86	0.66	0.48	-	-	-	3.87
13-Mar	11	1.14	1.01	0.77	0.38	-	-	-	3.98
14-Mar	11	1.12	0.93	0.64	0.42	-	-	-	4.10
15-Mar	11	1.18	0.83	0.48	0.42	-	-	-	4.41
16-Mar	11	1.16	0.99	0.52	-	-	-	-	4.24
17-Mar	11	1.18	0.82	0.45	-	-	-	-	3.98
18-Mar	11	1.10	1.00	0.38	0.31	-	-	-	3.97
19-Mar	12	1.10	0.98	0.66	-	-	-	-	3.87
20-Mar	12	1.02	1.13	0.53	-	-	-	-	4.27
21-Mar	12	1.00	0.89	0.50	-	-	-	-	3.98
22-Mar	12	1.00	0.75	0.54	-	-	-	-	4.05
23-Mar	12	1.14	0.83	0.57	-	-	-	-	3.95
24-Mar	12	0.96	0.90	0.53	-	-	-	-	3.90
25-Mar	12	0.86	0.89	0.59	-	-	-	-	4.36
26-Mar	13	0.88	0.87	0.56	0.47	-	-	-	4.41
27-Mar	13	0.70	0.87	0.59	0.44	-	-	-	4.30
28-Mar	13	0.78	0.87	0.56	0.41	-	-	-	4.35
29-Mar	13	0.85	0.86	0.55	0.23	-	-	-	4.59
30-Mar	13	0.87	0.88	0.45	-	-	-	-	4.70
31-Mar	13	0.87	0.84	0.55	-	-	-	-	4.35
01-Apr	13	0.66	0.80	0.59	-	-	-	-	4.17
02-Apr	14	0.80	0.60	-	-	-	-	3.63	4.74
03-Apr	14	0.78	0.59	0.57	-	-	-	-	-
04-Apr	14	0.67	0.57	0.57	-	-	-	-	5.01
05-Apr	14	0.61	0.52	0.57	0.50	-	0.83	-	-
06-Apr	14	0.70	0.45	-	0.55	-	0.81	4.38	-
07-Apr	14	0.78	0.46	-	0.49	-	0.75	4.10	4.00
08-Apr	14	0.82	0.47	0.68	0.54	-	0.71	4.15	4.11
09-Apr	15	0.91	0.43	-	0.55	-	0.57	2.92	4.02
10-Apr	15	0.85	0.46	0.65	0.53	-	2.78	3.64	3.78
11-Apr	15	0.97	0.36	-	0.43	-	2.20	3.72	3.55

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted CFS*		
		North	North	North	North	North	North	North	North
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
12-Apr	15	0.98	0.42	-	0.56	-	2.60	4.00	3.80
13-Apr	15	0.94	0.40	0.43	0.56	-	2.70	4.43	3.61
14-Apr	15	0.91	0.98	0.47	0.48	-	2.80	3.68	4.08
15-Apr	15	0.84	-	0.34	-	-	3.20	3.85	3.78
16-Apr	16	0.81	-	-	0.70	-	3.10	3.82	3.30
17-Apr	16	0.66	-	0.57	0.65	-	3.10	-	3.85
18-Apr	16	0.75	-	-	0.48	-	2.40	3.60	4.04
19-Apr	16	0.83	-	-	0.54	-	3.20	3.60	4.10
20-Apr	16	0.82	-	-	0.58	-	3.10	3.06	3.99
21-Apr	16	0.92	-	-	0.80	-	3.00	4.10	4.13
22-Apr	16	0.87	0.73	0.76	0.42	-	3.60	3.60	3.97
23-Apr	17	0.84	0.67	0.66	0.59	-	3.20	3.76	4.00
24-Apr	17	0.84	0.67	0.64	0.48	-	2.31	3.45	4.30
25-Apr	17	0.81	0.70	0.62	0.41	-	2.70	3.40	4.00
26-Apr	17	0.83	0.65	0.62	0.59	-	-	3.00	3.85
27-Apr	17	0.82	0.72	0.55	0.49	-	2.50	3.20	3.92
28-Apr	17	0.86	0.72	0.68	0.95	-	2.40	3.70	4.33
29-Apr	17	1.05	0.74	0.64	0.91	-	2.40	3.50	4.36
30-Apr	18	1.05	0.76	0.75	0.87	-	2.30	3.60	3.98
01-May	18	0.86	0.70	0.71	0.80	-	2.25	3.22	4.21
02-May	18	0.99	0.70	0.79	0.70	-	1.90	3.40	4.27
03-May	18	1.03	0.74	0.81	-	-	1.90	3.60	4.10
04-May	18	0.98	0.73	0.82	-	-	2.20	3.60	4.33
05-May	18	1.03	0.93	0.78	-	-	2.30	3.70	3.98
06-May	18	1.03	0.87	0.78	0.75	-	2.10	3.80	3.84
07-May	19	1.01	0.94	0.80	0.79	-	2.40	3.61	4.28
08-May	19	0.83	0.93	0.75	0.67	-	2.35	3.70	-
09-May	19	0.94	0.94	0.73	0.68	-	2.16	3.80	3.85
10-May	19	0.94	0.94	0.68	0.65	-	2.20	3.94	4.31
11-May	19	0.97	0.87	0.68	0.64	-	2.40	3.80	4.15
12-May	19	1.00	0.90	0.75	0.64	-	2.40	4.00	4.14
13-May	19	1.09	0.93	0.72	0.67	-	2.10	3.90	4.50
14-May	20	0.88	0.90	0.70	0.61	-	2.10	3.95	4.03
15-May	20	1.05	0.85	0.75	0.60	-	2.20	3.70	-
16-May	20	1.02	0.77	0.75	0.60	-	2.37	3.70	-
17-May	20	0.77	0.69	0.68	-	-	2.40	3.30	4.28
18-May	20	0.59	0.59	0.71	0.49	-	1.70	-	3.77
19-May	20	0.49	0.54	0.72	0.55	-	1.90	4.00	4.50
20-May	20	0.40	0.60	0.64	0.52	-	1.50	4.20	4.30
21-May	21	0.45	0.64	0.53	0.54	-	1.20	4.40	-
22-May	21	0.42	0.71	-	0.43	-	1.50	4.20	-
23-May	21	0.55	0.70	0.48	0.49	-	1.77	4.50	-
24-May	21	0.46	0.64	0.48	0.57	-	1.70	4.30	3.99
25-May	21	0.44	0.71	0.45	0.56	-	1.80	4.40	3.74
26-May	21	0.46	0.63	0.46	0.57	-	1.70	4.10	3.32
27-May	21	0.44	0.63	0.48	0.45	-	1.60	4.20	3.92
28-May	22	0.42	0.53	-	0.42	-	1.80	4.10	-
29-May	22	0.41	0.51	0.45	0.49	-	-	4.10	-
30-May	22	0.46	0.47	-	0.48	-	-	4.20	-
31-May	22	0.35	0.50	-	-	-	-	-	-
01-Jun	22	0.45	0.44	-	0.54	-	-	3.90	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted CFS*		
		North	North	North	North	North	North	North	North
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
02-Jun	22	0.48	0.45	-	0.51	-	1.70	3.90	3.11
03-Jun	22	0.43	0.56	-	-	-	1.70	3.70	2.72
04-Jun	23	0.40	0.55	-	-	-	1.40	3.74	2.95
05-Jun	23	0.39	0.60	-	-	-	1.60	3.78	2.70
06-Jun	23	0.44	0.54	-	-	-	1.40	3.80	2.71
07-Jun	23	0.44	0.48	-	-	-	1.50	3.50	2.54
08-Jun	23	0.42	0.47	-	-	-	1.50	3.90	2.34
09-Jun	23	0.43	0.52	-	-	-	-	3.80	2.89
10-Jun	23	0.41	0.54	-	-	-	-	3.60	3.42
11-Jun	24	0.41	0.58	-	-	-	-	-	3.71
12-Jun	24	0.38	0.60	-	-	-	-	-	3.80
13-Jun	24	0.40	-	-	-	-	-	-	3.70
14-Jun	24	0.43	-	-	-	-	-	3.90	3.70
15-Jun	24	0.43	-	-	-	-	-	3.60	4.03
16-Jun	24	0.42	-	-	-	-	-	3.70	3.40
17-Jun	24	0.41	-	-	-	-	-	3.80	-
18-Jun	25	0.43	-	-	-	-	-	-	-
19-Jun	25	-	-	-	-	-	-	-	-
20-Jun	25	-	-	-	-	-	-	-	3.50
21-Jun	25	-	-	-	-	-	-	-	3.95
22-Jun	25	-	-	-	-	-	-	-	3.80
23-Jun	25	-	-	-	-	-	-	-	-
24-Jun	25	-	-	-	-	-	-	-	-
25-Jun	26	-	-	-	-	-	-	-	-
26-Jun	26	-	-	-	-	-	-	-	-
27-Jun	26	-	-	-	-	-	-	-	-
28-Jun	26	-	-	-	-	-	-	-	-
29-Jun	26	-	-	-	-	-	-	-	-
30-Jun	26	-	-	-	-	-	-	-	-

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
		South	South	South	South	South	South	South	South
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
01-Jan	1	-	-	-	-	-	-	-	-
02-Jan	1	-	-	-	-	-	-	-	-
03-Jan	1	-	-	0.61	-	-	-	-	-
04-Jan	1	-	-	0.62	-	-	-	-	-
05-Jan	1	-	-	0.62	-	-	-	-	-
06-Jan	1	-	-	-	-	-	-	-	-
07-Jan	1	-	-	-	-	-	-	-	-
08-Jan	2	-	-	0.64	-	-	-	-	-
09-Jan	2	-	-	0.66	-	-	-	-	-
10-Jan	2	-	-	0.63	-	-	-	-	-
11-Jan	2	-	0.55	0.69	-	-	-	-	-
12-Jan	2	-	0.64	0.68	-	-	-	-	-
13-Jan	2	0.66	0.62	-	-	-	-	-	-
14-Jan	2	0.67	0.64	-	-	-	-	-	-
15-Jan	3	0.57	-	0.76	-	-	-	-	-
16-Jan	3	-	-	0.72	-	-	-	-	-
17-Jan	3	-	0.64	0.67	-	-	-	-	-
18-Jan	3	0.65	0.70	0.65	-	-	-	-	-
19-Jan	3	0.74	-	0.64	-	-	-	-	-
20-Jan	3	0.71	0.55	0.64	-	-	-	-	-
21-Jan	3	0.79	0.54	0.59	-	-	-	-	-
22-Jan	4	0.83	-	0.66	-	-	-	-	-
23-Jan	4	1.03	-	0.64	-	-	-	-	-
24-Jan	4	1.01	0.63	0.65	0.55	-	-	-	-
25-Jan	4	1.08	0.67	0.71	0.53	-	-	-	-
26-Jan	4	1.24	0.64	0.71	-	-	-	-	3.57
27-Jan	4	1.07	0.61	0.54	-	-	-	-	3.26
28-Jan	4	1.13	0.59	0.55	0.50	-	-	-	3.55
29-Jan	5	1.04	-	0.50	0.50	-	-	-	3.54
30-Jan	5	1.09	-	0.49	0.54	-	-	-	3.41
31-Jan	5	1.07	0.46	0.47	0.45	-	-	-	3.50
01-Feb	5	1.09	0.47	0.51	0.52	-	-	-	3.74
02-Feb	5	1.05	0.64	0.49	-	-	-	-	3.10
03-Feb	5	1.03	0.64	0.51	-	-	-	-	2.52
04-Feb	5	1.04	0.57	0.46	0.50	-	-	-	3.30
05-Feb	6	1.12	-	0.41	0.31	-	-	-	3.01
06-Feb	6	1.16	-	0.46	0.44	-	-	-	3.16
07-Feb	6	1.03	0.51	0.44	0.31	-	-	-	3.40
08-Feb	6	1.04	0.53	0.45	0.41	-	-	-	3.43
09-Feb	6	-	0.51	0.45	-	-	-	-	3.60
10-Feb	6	-	0.59	0.52	-	-	-	-	3.54
11-Feb	6	1.15	0.69	-	0.18	-	-	-	3.27
12-Feb	7	1.29	-	0.52	0.35	-	-	-	2.65
13-Feb	7	-	-	0.62	-	-	-	-	3.74
14-Feb	7	-	0.77	0.58	-	-	-	-	3.70
15-Feb	7	1.29	1.25	0.64	-	-	-	-	3.60
16-Feb	7	1.37	0.84	0.66	-	-	-	-	3.50
17-Feb	7	1.18	1.17	0.67	-	-	-	-	3.57
18-Feb	7	1.24	1.11	0.56	-	-	-	-	2.95
19-Feb	8	1.29	1.23	0.58	-	-	-	-	3.54
20-Feb	8	-	1.16	0.61	-	-	-	-	3.18

Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
		South	South	South	South	South	South	South	South
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
21-Feb	8	1.31	0.84	-	-	-	-	-	2.68
22-Feb	8	1.30	0.93	1.14	-	-	-	-	3.07
23-Feb	8	1.32	1.04	1.01	-	-	-	-	3.10
24-Feb	8	1.24	0.92	1.48	-	-	-	-	2.99
25-Feb	8	1.14	0.78	1.04	-	-	-	-	3.26
26-Feb	9	1.12	0.83	1.15	-	-	-	-	2.75
27-Feb	9	-	0.88	1.17	0.27	-	-	-	3.54
28-Feb	9	1.21	0.90	1.20	0.48	-	-	-	3.71
29-Feb	9	x	1.12	x	x	-	-	x	x
01-Mar	9	1.08	0.78	1.10	0.48	-	-	-	3.98
02-Mar	9	1.13	0.91	0.79	-	-	-	-	3.47
03-Mar	9	1.12	0.91	0.83	-	-	-	-	4.40
04-Mar	9	1.32	0.85	0.80	0.51	-	-	-	4.50
05-Mar	10	1.13	0.94	0.85	0.46	-	-	-	4.62
06-Mar	10	-	0.95	0.73	0.53	-	-	-	4.10
07-Mar	10	1.11	0.97	0.65	0.51	-	-	-	4.51
08-Mar	10	1.11	0.98	0.64	-	-	-	-	4.60
09-Mar	10	1.20	1.10	0.59	-	-	-	-	4.67
10-Mar	10	1.11	0.97	0.72	-	-	-	-	4.39
11-Mar	10	1.15	0.96	0.65	0.52	-	-	-	4.14
12-Mar	11	1.19	1.02	0.62	0.40	-	-	-	3.80
13-Mar	11	1.14	0.98	0.62	0.52	-	-	-	4.06
14-Mar	11	1.13	0.94	0.51	0.37	-	-	-	4.17
15-Mar	11	1.17	0.97	0.43	0.44	-	-	-	4.26
16-Mar	11	1.07	0.99	0.34	-	-	-	-	4.39
17-Mar	11	1.05	0.85	0.28	-	-	-	-	3.94
18-Mar	11	1.05	0.90	0.36	0.28	-	-	-	4.04
19-Mar	12	1.00	0.79	0.67	-	-	-	-	3.80
20-Mar	12	1.03	1.09	0.54	-	-	-	-	4.19
21-Mar	12	0.92	0.88	0.52	-	-	-	-	3.96
22-Mar	12	0.97	0.72	0.57	-	-	-	-	3.90
23-Mar	12	1.01	-	0.53	-	-	-	-	3.98
24-Mar	12	0.96	0.87	0.52	-	-	-	-	3.90
25-Mar	12	0.82	0.85	0.57	-	-	-	-	4.34
26-Mar	13	0.73	0.86	0.52	0.46	-	-	-	4.37
27-Mar	13	0.76	0.87	0.61	0.49	-	-	-	4.30
28-Mar	13	0.69	0.81	0.58	0.44	-	-	-	4.50
29-Mar	13	0.81	0.84	0.55	0.22	-	-	-	4.49
30-Mar	13	0.78	0.88	0.31	-	-	-	-	4.50
31-Mar	13	0.73	0.83	0.49	-	-	-	-	4.76
01-Apr	13	0.64	0.80	0.57	-	-	-	-	3.89
02-Apr	14	0.68	0.72	-	-	-	-	3.89	4.47
03-Apr	14	0.59	0.60	0.63	-	-	-	-	-
04-Apr	14	0.56	0.59	0.58	-	-	-	-	4.85
05-Apr	14	0.56	0.49	0.63	0.54	-	0.80	-	-
06-Apr	14	0.56	0.48	-	0.59	-	0.76	3.70	-
07-Apr	14	0.65	0.45	-	0.57	-	0.80	4.00	3.50
08-Apr	14	0.92	0.47	0.63	0.54	-	0.78	4.10	3.34
09-Apr	15	0.95	0.42	-	0.59	-	0.62	3.47	3.02
10-Apr	15	0.78	0.42	0.58	0.56	-	2.84	3.08	2.90
11-Apr	15	1.00	0.33	0.46	0.55	-	2.40	3.70	3.23

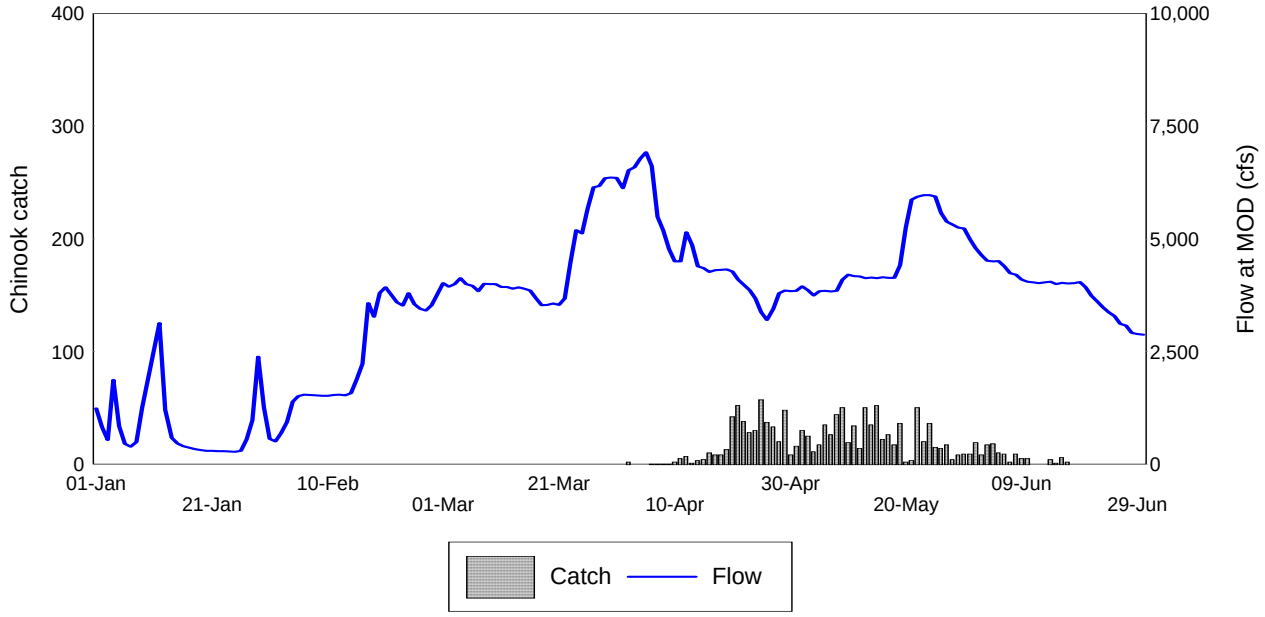
Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
		South	South	South	South	South	South	South	South
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
12-Apr	15	1.00	0.41	-	0.57	-	2.60	4.00	3.35
13-Apr	15	0.95	0.39	0.39	0.59	-	2.80	4.22	2.94
14-Apr	15	0.83	0.93	-	0.57	-	2.90	3.77	3.51
15-Apr	15	0.83	-	0.35	-	-	3.20	3.82	2.88
16-Apr	16	0.79	-	-	0.72	-	3.20	3.92	3.56
17-Apr	16	0.74	-	-	0.72	-	2.70	-	3.72
18-Apr	16	0.76	-	-	0.66	-	3.15	3.70	3.07
19-Apr	16	0.83	-	0.61	0.79	-	3.20	3.90	3.50
20-Apr	16	0.83	-	-	0.88	-	3.10	3.76	3.50
21-Apr	16	0.88	-	-	0.80	-	3.10	3.80	3.18
22-Apr	16	0.87	0.73	0.74	0.68	-	3.10	3.60	3.56
23-Apr	17	0.85	0.66	0.61	0.80	-	3.20	3.75	3.50
24-Apr	17	0.75	0.68	0.59	0.77	-	2.13	3.53	3.59
25-Apr	17	0.70	0.61	0.46	0.67	-	2.70	3.30	3.50
26-Apr	17	0.63	0.64	0.55	0.82	-	-	3.00	3.57
27-Apr	17	0.69	0.72	0.58	0.81	-	2.20	3.30	3.27
28-Apr	17	0.81	0.67	0.58	0.76	-	2.40	3.70	3.78
29-Apr	17	0.90	0.77	0.64	0.60	-	2.30	3.60	3.33
30-Apr	18	1.00	0.75	0.69	0.68	-	2.30	3.60	3.45
01-May	18	0.89	0.67	0.71	0.65	-	2.12	3.58	3.60
02-May	18	0.91	0.68	0.74	0.46	-	2.20	3.70	3.65
03-May	18	0.94	0.72	0.77	-	-	2.20	3.70	3.80
04-May	18	0.94	0.74	0.74	-	-	2.50	3.70	4.16
05-May	18	0.98	0.88	0.71	-	-	2.10	3.50	3.78
06-May	18	0.92	0.89	0.76	0.54	-	2.10	3.70	3.52
07-May	19	0.95	0.95	0.79	0.55	-	2.40	3.63	3.34
08-May	19	0.85	0.97	0.70	0.50	-	2.56	3.80	-
09-May	19	0.84	0.94	0.84	0.54	-	2.56	3.70	3.60
10-May	19	0.93	0.97	0.64	0.57	-	2.40	3.98	3.71
11-May	19	0.90	0.97	0.70	0.57	-	2.40	3.90	3.55
12-May	19	0.94	0.98	0.60	0.54	-	2.30	3.80	3.45
13-May	19	0.94	0.89	0.66	0.52	-	2.30	3.80	3.54
14-May	20	1.02	0.88	0.68	0.52	-	2.10	3.66	3.32
15-May	20	0.92	0.84	0.67	0.50	-	2.20	3.70	-
16-May	20	0.96	0.77	0.65	0.49	-	2.31	3.50	-
17-May	20	0.74	0.72	0.69	-	-	2.40	3.50	3.62
18-May	20	0.57	0.57	0.71	0.46	-	2.00	-	3.14
19-May	20	0.46	0.54	0.64	0.43	-	1.90	3.80	3.50
20-May	20	0.42	0.55	0.59	0.32	-	1.80	4.00	4.00
21-May	21	0.45	0.62	0.48	0.39	-	1.70	-	-
22-May	21	0.41	0.72	0.41	0.49	-	1.90	4.40	-
23-May	21	0.49	0.65	0.46	0.54	-	1.85	4.30	-
24-May	21	0.46	0.66	0.47	0.58	-	1.70	4.20	2.88
25-May	21	0.44	0.73	0.44	0.57	-	1.80	4.40	2.78
26-May	21	0.43	0.65	0.48	0.55	-	1.70	4.10	3.34
27-May	21	0.48	0.61	0.48	0.54	-	1.60	4.10	3.35
28-May	22	0.41	0.53	0.45	-	-	1.70	3.90	-
29-May	22	0.44	0.53	-	0.47	-	-	3.80	-
30-May	22	0.47	0.45	-	0.46	-	-	3.90	-
31-May	22	0.36	0.51	-	-	-	-	3.90	-
01-Jun	22	0.44	0.52	-	0.51	-	-	3.90	-

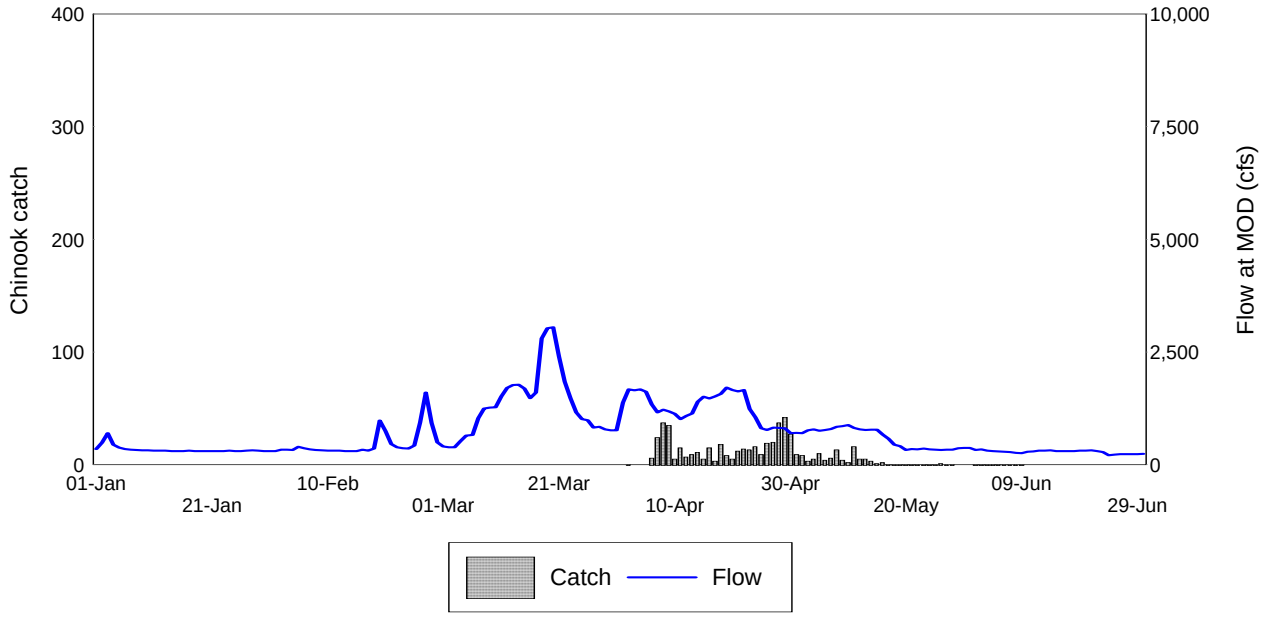
Tuolumne River Rotary Screw Trapping at Grayson, 1999-2006

		1999	2000	2001	2002	2003	2004	2005	2006
		Sampling conducted by CDFG					*Sampling conducted by CFS*		
		South	South	South	South	South	South	South	South
	Julian	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity	Velocity
Date	Week	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s	ft/s
02-Jun	22	0.47	0.46	-	0.56	-	1.60	3.60	2.64
03-Jun	22	0.44	0.56	-	-	-	1.70	3.70	2.73
04-Jun	23	0.41	0.56	-	-	-	1.40	3.64	3.02
05-Jun	23	0.39	0.58	-	-	-	1.60	3.91	2.65
06-Jun	23	0.43	0.54	-	-	-	1.60	3.80	2.74
07-Jun	23	0.45	0.54	-	-	-	1.60	3.60	2.57
08-Jun	23	0.39	0.54	-	-	-	1.40	3.90	2.28
09-Jun	23	0.42	0.64	-	-	-	-	3.70	3.03
10-Jun	23	0.41	0.56	-	-	-	-	3.60	3.39
11-Jun	24	0.40	0.60	-	-	-	-	-	2.97
12-Jun	24	0.41	0.61	-	-	-	-	-	3.70
13-Jun	24	0.36	-	-	-	-	-	-	3.70
14-Jun	24	0.41	-	-	-	-	-	3.80	3.80
15-Jun	24	0.42	-	-	-	-	-	3.70	3.85
16-Jun	24	0.47	-	-	-	-	-	3.70	3.80
17-Jun	24	0.43	-	-	-	-	-	3.70	-
18-Jun	25	0.40	-	-	-	-	-	-	-
19-Jun	25	-	-	-	-	-	-	-	-
20-Jun	25	-	-	-	-	-	-	-	3.60
21-Jun	25	-	-	-	-	-	-	-	3.97
22-Jun	25	-	-	-	-	-	-	-	3.75
23-Jun	25	-	-	-	-	-	-	-	-
24-Jun	25	-	-	-	-	-	-	-	-
25-Jun	26	-	-	-	-	-	-	-	-
26-Jun	26	-	-	-	-	-	-	-	-
27-Jun	26	-	-	-	-	-	-	-	-
28-Jun	26	-	-	-	-	-	-	-	-
29-Jun	26	-	-	-	-	-	-	-	-
30-Jun	26	-	-	-	-	-	-	-	-

2005 Daily Chinook Catch at Grayson



2004 Daily Chinook Catch at Grayson



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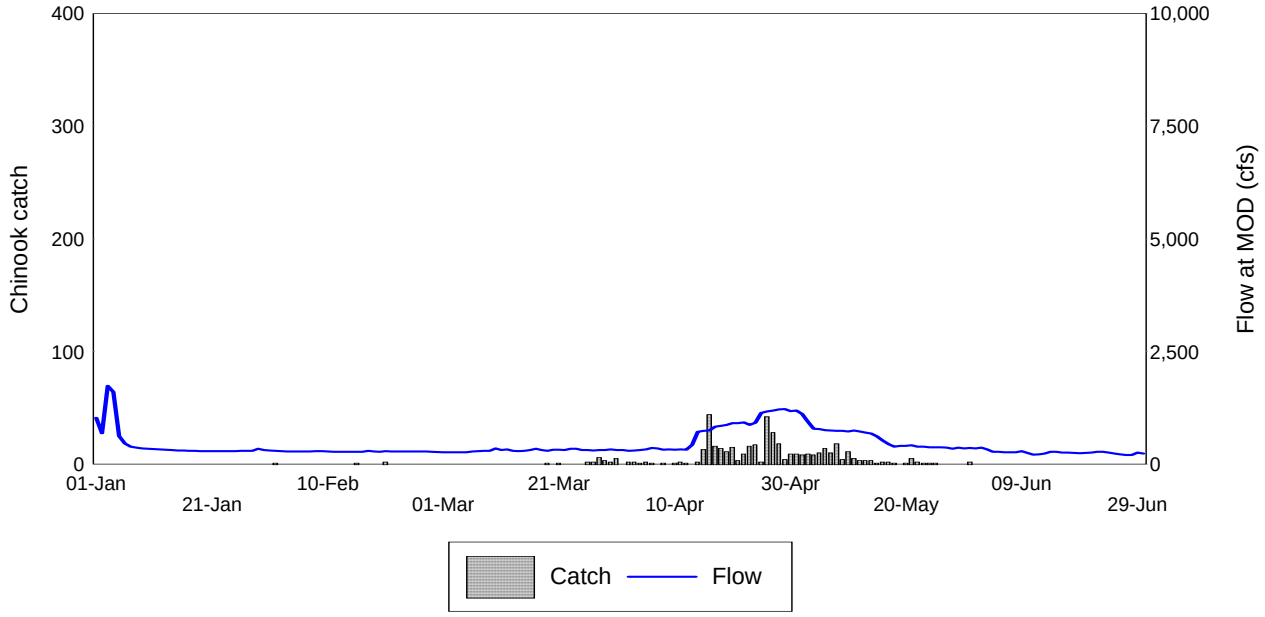

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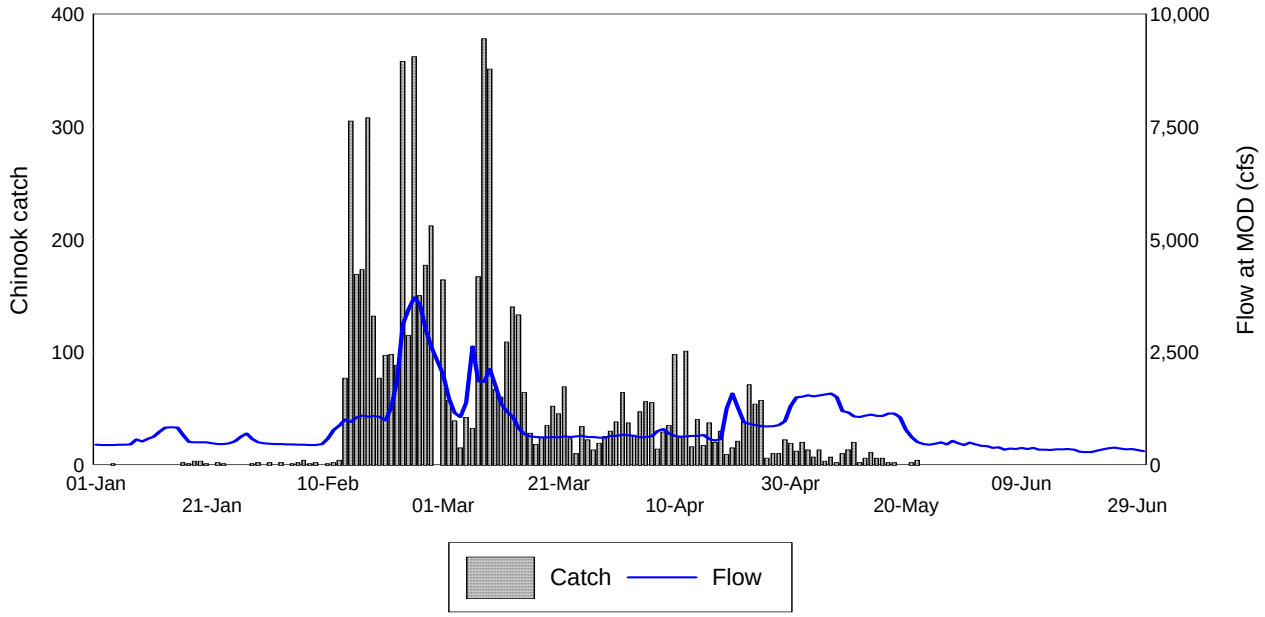

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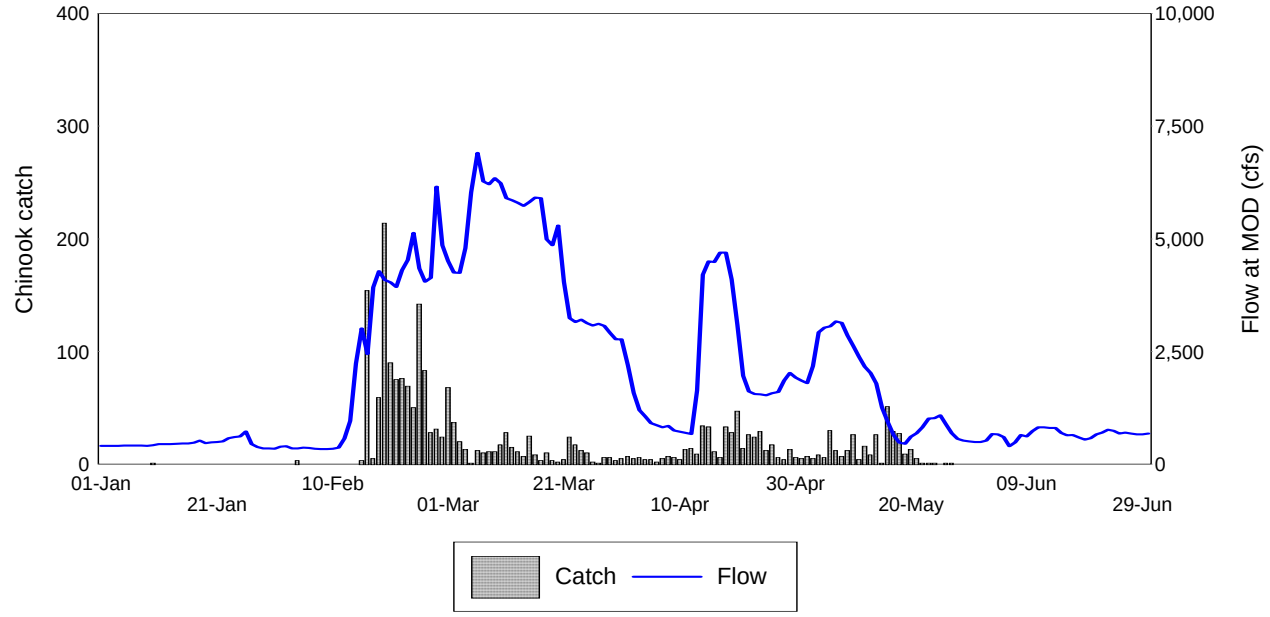
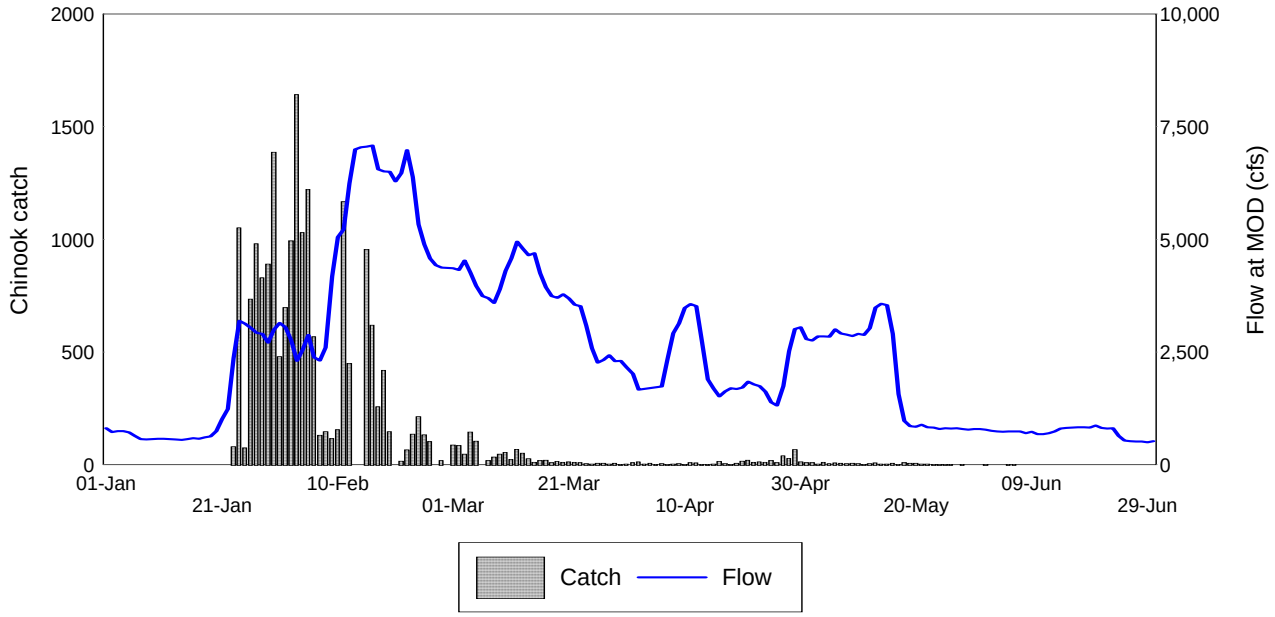


1999 Daily Chinook Catch at Grayson



3. Shiloh Trapping Site

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
												MOD	MOD	MOD	MOD
	Julian	Number	Number	Number	Number		Mean	Mean	Mean	Mean		River	River	River	River
Date	Week	Captured	Captured	Captured	Captured		Length (mm)	Length (mm)	Length (mm)	Length (mm)		Flow (cfs)	Flow (cfs)	Flow (cfs)	Flow (cfs)
01-Jan	1	-	-	-	-		-	-	-	-		247	411	6,024	443
02-Jan	1	-	-	-	-		-	-	-	-		248	401	7,478	459
03-Jan	1	-	-	-	-		-	-	-	-		275	384	20,691	455
04-Jan	1	-	-	-	-		-	-	-	-		305	372	-	516
05-Jan	1	-	-	-	-		-	-	-	-		292	358	43,974	549
06-Jan	1	-	-	-	-		-	-	-	-		377	359	35,891	604
07-Jan	1	-	-	-	-		-	-	-	-		410	357	28,612	522
08-Jan	2	-	-	-	-		-	-	-	-		328	350	24,492	476
09-Jan	2	-	-	-	-		-	-	-	-		317	351	21,692	488
10-Jan	2	-	-	-	-		-	-	-	-		484	352	17,050	521
11-Jan	2	-	-	-	-		-	-	-	-		1,680	347	13,093	659
12-Jan	2	-	-	-	-		-	-	-	-		1,060	350	10,254	993
13-Jan	2	-	-	-	-		-	-	-	-		536	348	8,135	3,069
14-Jan	2	-	-	-	-		-	-	-	-		546	342	8,390	1,375
15-Jan	3	-	-	-	-		-	-	-	-		694	341	9,006	1,358
16-Jan	3	-	-	-	-		-	-	-	-		1,430	391	8,711	5,014
17-Jan	3	-	-	-	-		-	-	-	-		764	524	8,503	4,575
18-Jan	3	-	-	-	-		-	-	-	-		446	545	8,537	4,438
19-Jan	3	-	-	-	-		-	-	-	-		364	447	8,893	4,723
20-Jan	3	-	-	-	-		-	-	-	-		575	774	9,008	4,834
21-Jan	3	-	-	-	-		-	-	-	-		773	494	7,996	4,472
22-Jan	4	-	-	-	-		-	-	-	-		1,070	568	6,858	4,364
23-Jan	4	-	-	-	-		-	-	-	-		1,150	437	8,004	4,292
24-Jan	4	-	-	-	-		-	-	-	-		1,550	443	8,971	4,262
25-Jan	4	-	-	-	-		-	-	-	-		4,500	833	8,927	3,809
26-Jan	4	-	-	-	-		-	-	-	-		4,900	1,971	9,394	3,163
27-Jan	4	-	-	-	-		-	-	-	-		3,880	803	9,662	3,140
28-Jan	4	-	-	-	-		-	-	-	-		6,180	1,540	8,601	3,034
29-Jan	5	-	-	-	-		-	-	-	-		4,900	1,137	8,190	3,375
30-Jan	5	-	-	-	-		-	-	-	-		4,220	854	8,459	4,377
31-Jan	5	-	-	-	-		-	-	-	-		4,650	1,315	8,638	4,511
01-Feb	5	-	-	-	-		-	-	-	-		4,890	2,846	9,623	4,498
02-Feb	5	-	-	-	-		-	-	-	-		4,870	3,176	9,904	4,792
03-Feb	5	-	-	-	-		-	-	-	-		4,090	3,511	9,961	7,173
04-Feb	5	-	-	-	-		-	-	-	-		3,900	3,696	9,938	10,232

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
												MOD	MOD	MOD	MOD
	Julian	Number	Number	Number	Number		Mean	Mean	Mean	Mean		River	River	River	River
Date	Week	Captured	Captured	Captured	Captured		Length (mm)	Length (mm)	Length (mm)	Length (mm)		Flow (cfs)	Flow (cfs)	Flow (cfs)	Flow (cfs)
05-Feb	6	-	-	-	-		-	-	-	-		4,640	4,847	9,902	6,809
06-Feb	6	-	-	-	-		-	-	-	-		4,870	4,592	9,853	6,481
07-Feb	6	-	-	-	-		-	-	-	-		4,990	4,896	9,833	6,937
08-Feb	6	-	-	-	-		-	-	-	-		4,970	5,535	9,842	7,274
09-Feb	6	-	-	-	-		-	-	-	-		4,860	5,400	9,912	6,809
10-Feb	6	-	-	-	-		-	-	-	-		4,860	5,243	9,889	6,606
11-Feb	6	-	-	-	-		-	-	-	-		4,910	5,406	8,955	6,559
12-Feb	7	-	-	-	-		-	-	-	-		4,840	5,382	7,158	7,402
13-Feb	7	-	-	-	-		-	-	-	-		4,700	5,135	6,722	7,111
14-Feb	7	-	-	-	-		-	-	-	-		4,920	5,049	6,662	7,538
15-Feb	7	-	-	-	-		-	-	-	-		4,660	4,938	6,668	7,725
16-Feb	7	-	-	-	309		-	-	-	37.9		4,920	4,856	6,636	7,581
17-Feb	7	-	-	-	221		-	-	-	38.4		5,120	4,866	6,600	7,103
18-Feb	7	-	-	-	142		-	-	-	39.0		4,660	5,075	6,587	7,502
19-Feb	8	-	-	-	59		-	-	-	40.1		3,950	5,163	7,969	7,868
20-Feb	8	-	-	-	63		-	-	-	37.8		3,650	5,368	8,796	7,608
21-Feb	8	-	-	-			-	-	-			3,320	5,299	8,933	7,976
22-Feb	8	-	-	-			-	-	-			3,350	5,329	8,946	7,583
23-Feb	8	-	-	-	77		-	-	-	45.2		3,850	4,667	8,910	7,399
24-Feb	8	-	-	-	50		-	-	-	39.3		3,470	5,143	8,920	6,908
25-Feb	8	-	-	-	142		-	-	-	43.9		3,150	5,340	8,917	7,940
26-Feb	9	-	-	-	175		-	-	-	44.6		3,030	5,368	8,890	7,793
27-Feb	9	-	-	-	206		-	-	-	46.2		2,850	5,253	8,836	7,910
28-Feb	9	-	-	-			-	-	-			2,900	5,222	8,536	7,897
29-Feb	**9**	-	-	-			-	-	-			**x**	5,220	**x**	**x**
01-Mar	9	-	-	-			-	-	-			2,770	5,088	7,986	7,573
02-Mar	9	-	-	-	350		-	-	-	47.6		1,800	4,848	7,730	7,575
03-Mar	9	-	-	-	189		-	-	-	45.7		1,640	4,921	7,721	7,468
04-Mar	9	-	-	-	97		-	-	-	45.7		1,450	4,943	7,329	7,588
05-Mar	10	-	-	-	78		-	-	-	48.0		1,560	4,996	6,027	7,398
06-Mar	10	-	-	-	28		-	-	-	47.0		1,480	5,289	5,307	7,309
07-Mar	10	-	-	-			-	-	-			1,380	5,097	5,038	6,246
08-Mar	10	-	-	-			-	-	-			1,370	4,990	4,997	5,909
09-Mar	10	-	-	-	29		-	-	-	50.6		1,430	4,940	4,963	5,823
10-Mar	10	-	-	-	35		-	-	-	50.7		3,120	4,918	4,932	5,452

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
												MOD	MOD	MOD	MOD
	Julian	Number	Number	Number	Number		Mean	Mean	Mean	Mean		River	River	River	River
Date	Week	Captured	Captured	Captured	Captured		Length (mm)	Length (mm)	Length (mm)	Length (mm)		Flow (cfs)	Flow (cfs)	Flow (cfs)	Flow (cfs)
11-Mar	10	-	-	-	17		-	-	-	52.5		7,960	4,906	4,284	5,005
12-Mar	11	-	-	-	36		-	-	-	51.0		8,880	4,969	3,566	4,987
13-Mar	11	-	-	-	11		-	-	-	53.7		4,740	5,156	2,453	4,956
14-Mar	11	-	-	-	-		-	-	-			4,780	4,798	2,051	4,897
15-Mar	11	-	-	-	-		-	-	-			5,410	4,640	1,587	4,838
16-Mar	11	-	-	-	17		-	-	-	54.4		6,230	--	1,419	4,807
17-Mar	11	-	-	-	12		-	-	-	57.3		6,450	--	1,351	4,475
18-Mar	11	-	-	-	5		-	-	-	48.2		7,390	--	1,243	3,791
19-Mar	12	-	-	-	8		-	-	-	51.4		8,400	--	917	3,294
20-Mar	12	-	-	-	1		-	-	-	55.0		8,480	--	825	3,720
21-Mar	12	-	-	-	-		-	-	-			8,060	4,913	851	3,905
22-Mar	12	-	-	-	1		-	-	-	58.0		6,740	4,708	718	3,805
23-Mar	12	-	-	-	10		-	-	-	64.6		7,750	4,156	711	4,185
24-Mar	12	-	-	-	53		-	-	-	62.9		6,120	4,085	683	4,378
25-Mar	12	-	-	-	-		-	-	-			7,260	3,887	697	5,303
26-Mar	13	-	-	-	-		-	-	-			8,670	4,542	742	5,878
27-Mar	13	-	-	-	-		-	-	-			8,800	5,077	729	5,401
28-Mar	13	-	-	-	-		-	-	-			8,790	4,985	707	5,409
29-Mar	13	-	-	-	-		-	-	-			8,760	4,936	746	5,629
30-Mar	13	-	-	-	14		-	-	-	70.8		8,870	4,473	712	5,515
31-Mar	13	-	-	-	1		-	-	-	84.0		8,770	4,017	712	5,610
01-Apr	13	-	-	-	6		-	-	-	67.3		8,560	4,037	709	5,770
02-Apr	14	-	-	-	6		-	-	-	69.2		8,200	4,011	741	5,773
03-Apr	14	-	-	-	5		-	-	-	73.0		7,990	3,870	735	5,845
04-Apr	14	-	-	-	-		-	-	-			7,910	3,467	707	6,024
05-Apr	14	-	-	-	1		-	-	-	82.0		7,880	2,788	707	5,952
06-Apr	14	-	-	-	6		-	-	-	66.0		7,540	2,685	689	6,108
07-Apr	14	-	-	-	3		-	-	-	72.7		7,370	2,737	701	6,364
08-Apr	14	-	-	-	4		-	-	-	70.3		7,340	2,756	703	6,361
09-Apr	15	-	-	-	-		-	-	-			7,320	2,731	700	6,337
10-Apr	15	-	-	-	2		-	-	-	70.0		7,270	2,811	693	6,258
11-Apr	15	-	-	-	-		-	-	-			7,000	2,701	694	6,253
12-Apr	15	-	-	-	-		-	-	-			6,780	2,631	677	6,312
13-Apr	15	-	-	-	-		-	-	-			6,810	2,674	654	6,273
14-Apr	15	-	-	-	1		-	-	-	100.0		6,690	2,647	667	6,300

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
												MOD	MOD	MOD	MOD
	Julian	Number	Number	Number	Number		Mean	Mean	Mean	Mean		River	River	River	River
Date	Week	Captured	Captured	Captured	Captured		Length (mm)	Length (mm)	Length (mm)	Length (mm)		Flow (cfs)	Flow (cfs)	Flow (cfs)	Flow (cfs)
15-Apr	15	-	-	-	1		-	-	-	96.0		6,650	2,644	637	6,271
16-Apr	16	-	-	-	3		-	-	-	90.3		6,910	2,615	1,719	6,318
17-Apr	16	-	-	-	3		-	-	-	89.0		6,940	2,577	2,804	6,375
18-Apr	16	-	11	1	3		-	-	93.0	84.0		7,020	2,747	2,935	6,316
19-Apr	16	-	12	0	2		-	-	-	83.0		7,030	2,713	2,824	6,353
20-Apr	16	-	8	4	1		-	-	98.8	46.0		7,090	2,831	2,087	6,328
21-Apr	16	-	16	4	-		-	-	89.8	-		7,830	2,845	1,685	5,816
22-Apr	16	-	15	3	-		-	-	90.0	-		8,300	2,838	1,744	5,425
23-Apr	17	-	19	0	2		-	-	-	82.5		8,350	2,477	3,085	5,458
24-Apr	17	-	8	6	1		-	-	88.3	104.0		8,330	1,975	3,064	5,421
25-Apr	17	-	19	6	-		-	-	97.5	-		7,770	2,194	3,031	5,496
26-Apr	17	5	41	1	-		-	-	88.0	-		6,880	2,570	3,032	5,448
27-Apr	17	4	23	3	-		-	-	78.3	-		5,800	2,633	3,039	5,418
28-Apr	17	2	64	3	4		-	-	95.3	93.8		5,160	2,695	3,047	5,364
29-Apr	17	8	18	1	1		-	-	103.0	97.0		5,060	2,690	2,960	5,303
30-Apr	18	7	30	0	1		-	-	-	90.0		5,110	2,641	2,863	5,256
01-May	18	2	16	0	2		-	-	-	89.5		5,220	2,771	2,360	5,279
02-May	18	8	20	0	-		-	-	-	-		5,260	2,546	1,665	5,276
03-May	18	12	13	5	-		-	-	96.2	-		6,020	2,129	1,192	5,022
04-May	18	6	18	4	-		-	-	88.5	-		7,270	2,455	1,273	4,702
05-May	18	6	17	4	3		-	-	99.8	87.7		7,740	2,900	2,162	3,592
06-May	18	10	3	3	1		-	-	97.3	89.0		7,790	2,812	2,293	2,832
07-May	19	4	9	2	7		-	-	91.5	93.7		7,860	2,343	2,243	2,776
08-May	19	2	23	1	5		-	-	95.0	92.2		7,860	2,548	2,187	2,767
09-May	19	2	52	1	5		-	-	85.0	92.0		7,660	2,571	2,142	2,752
10-May	19	4	23	0	-		-	-	-	-		7,630	2,939	2,272	2,751
11-May	19	1	18	2	2		-	-	84.5	90.5		7,730	2,922	2,187	2,850
12-May	19	5	-	1	2		-	-	92.0	95.0		7,670	2,844	1,497	3,839
13-May	19	1	18	2	5		-	-	93.0	97.0		7,710	2,802	1,283	3,910
14-May	20	2	25	0	1		-	-	-	90.0		7,830	3,154	1,900	3,802
15-May	20	3	46	0	4		-	-	-	89.8		7,880	3,719	1,705	3,670
16-May	20	4	8	0	4		-	-	-	93.0		7,940	4,201	889	3,341
17-May	20	8	9	0	2		-	-	-	95.5		8,020	4,384	550	3,233
18-May	20	5	1	0	-		-	-	-	-		7,980	5,389	511	3,997
19-May	20	10	-	0	-		-	-	-	-		8,090	6,477	498	4,485

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
												MOD	MOD	MOD	MOD
	Julian	Number	Number	Number	Number		Mean	Mean	Mean	Mean		River	River	River	River
Date	Week	Captured	Captured	Captured	Captured		Length (mm)	Length (mm)	Length (mm)	Length (mm)		Flow (cfs)	Flow (cfs)	Flow (cfs)	Flow (cfs)
20-May	20	4	-	0	-		-	-	-	-		8,300	6,519	434	4,596
21-May	21	3	0	0	-		-	-	-	-		8,430	6,408	447	4,584
22-May	21	1	-	0	-		-	-	-	-		8,500	6,254	450	4,525
23-May	21	4	-	0	1		-	-	-	96.0		8,580	5,885	428	4,550
24-May	21	1	-	0	1		-	-	-	104.0		8,590	5,545	416	4,516
25-May	21	1	-	-	-		-	-	-			8,610	4,830	427	4,172
26-May	21	0	-	-	1		-	-	-	98.0		8,600	4,239	438	4,102
27-May	21	0	-	-	1		-	-	-	100.0		8,590	3,955	415	4,137
28-May	22	4	6	-	1		-	-	-	98.0		8,600	3,826	409	4,642
29-May	22	1	1	-	-		-	-	-	-		8,570	3,594	418	4,616
30-May	22	1	-	-	-		-	-	-	-		8,600	3,361	412	4,472
31-May	22	0	-	-	1		-	-	-	99.0		8,580	2,550	410	4,610
01-Jun	22	0	-	-	-		-	-	-	-		8,620	2,190	395	4,716
02-Jun	22	-	-	-	-		-	-	-	-		8,690	1,800	414	4,607
03-Jun	22	-	-	-	1		-	-	-	103.0		8,710	2,097	358	4,461
04-Jun	23	-	-	-	-		-	-	-	-		8,690	1,612	346	4,315
05-Jun	23	-	-	-	-		-	-	-	-		8,700	1,124	388	4,083
06-Jun	23	-	-	-	4		-	-	-	101.5		8,600	880	357	4,044
07-Jun	23	-	-	-	-		-	-	-	-		8,210	689	367	4,164
08-Jun	23	-	-	-	-		-	-	-	-		7,960	703	424	4,060
09-Jun	23	-	-	-	-		-	-	-	-		7,510	1,036	444	3,641
10-Jun	23	-	-	-	-		-	-	-	-		7,060	1,106	450	3,564
11-Jun	24	-	-	-	-		-	-	-	-		6,770	856	451	3,616
12-Jun	24	-	-	-	-		-	-	-	-		6,710	661	463	3,456
13-Jun	24	-	-	-	-		-	-	-	-		6,490	642	474	3,464
14-Jun	24	-	-	-	-		-	-	-	-		6,310	637	515	3,671
15-Jun	24	-	-	-	-		-	-	-	-		6,040	660	528	3,582
16-Jun	-	-	-	-	-		-	-	-	-		5,570	659	489	4,547
17-Jun	-	-	-	-	-		-	-	-	-		5,210	639	453	4,878
18-Jun	-	-	-	-	-		-	-	-	-		4,930	617	506	4,862
19-Jun	-	-	-	-	-		-	-	-	-		4,570	580	472	4,868
20-Jun	-	-	-	-	-		-	-	-	-		4,410	485	469	4,892
21-Jun	-	-	-	-	-		-	-	-	-		4,090	431	473	4,916
22-Jun	-	-	-	-	-		-	-	-	-		3,740	396	468	4,761
23-Jun	-	-	-	-	-		-	-	-	-		3,410	396	462	4,904

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

		1995	1996	1997	1998		1995	1996	1997	1998		1995	1996	1997	1998
												MOD	MOD	MOD	MOD
	Julian	Number	Number	Number	Number		Mean	Mean	Mean	Mean		River	River	River	River
Date	Week	Captured	Captured	Captured	Captured		Length (mm)	Length (mm)	Length (mm)	Length (mm)		Flow (cfs)	Flow (cfs)	Flow (cfs)	Flow (cfs)
24-Jun	-	-	-	-	-		-	-	-	-		2,990	388	460	4,949
25-Jun	-	-	-	-	-		-	-	-	-		2,710	376	477	4,930
26-Jun	-	-	-	-	-		-	-	-	-		2,330	386	443	4,699
27-Jun	-	-	-	-	-		-	-	-	-		1,780	432	438	4,574
28-Jun	-	-	-	-	-		-	-	-	-		1,460	416	462	4,619
29-Jun	-	-	-	-	-		-	-	-	-		1,160	365	499	4,516
30-Jun	-	-	-	-	-		-	-	-	-		992	365	492	4,441
01-Jul	-	-	-	-	-		-	-	-	-		1,020	367	486	3,455
02-Jul	-	-	-	-	-		-	-	-	-		948	344	480	2,244
03-Jul	-	-	-	-	-		-	-	-	-		953	411	439	1,774
04-Jul	-	-	-	-	-		-	-	-	-		1,040	380	438	1,659
05-Jul	-	-	-	-	-		-	-	-	-		1,460	344	454	1,479
06-Jul	-	-	-	-	-		-	-	-	-		2,090	355	460	2,046
07-Jul	-	-	-	-	-		-	-	-	-		2,280	360	480	2,248
08-Jul	-	-	-	-	-		-	-	-	-		3,620	345	470	2,311
09-Jul	-	-	-	-	-		-	-	-	-		4,750	312	461	2,335
10-Jul	-	-	-	-	-		-	-	-	-		5,950	332	435	3,582
11-Jul	-	-	-	-	-		-	-	-	-		7,890	310	469	4,827
12-Jul	-	-	-	-	-		-	-	-	-		8,510	316	492	5,223
13-Jul	-	-	-	-	-		-	-	-	-		8,580	309	511	5,376
14-Jul	-	-	-	-	-		-	-	-	-		8,270	315	495	4,850
15-Jul	-	-	-	-	-		-	-	-	-		6,790	345	485	4,752

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

Date	Julian Week	1995 Turbidity (NTU's)	1996 Turbidity (NTU's)	1997 Turbidity (NTU's)	1998 Turbidity (NTU's)		1995 Average River Temp. (F)	1996 Average River Temp. (F)	1997 Average River Temp. (F)	1998 Average River Temp. (F)
01-Jan	1	-	-	-	-		-	52.7	53.4	49.0
02-Jan	1	-	-	-	-		-	52.9	54.3	50.5
03-Jan	1	-	-	-	-		-	53.2	55.0	51.2
04-Jan	1	-	-	-	-		-	53.6	53.6	51.7
05-Jan	1	-	-	-	-		-	53.4	52.7	50.2
06-Jan	1	-	-	-	-		-	52.9	51.3	48.5
07-Jan	1	-	-	-	-		-	52.3	50.9	49.7
08-Jan	2	-	-	-	-		-	52.2	50.9	50.5
09-Jan	2	-	-	-	-		-	52.0	51.1	50.5
10-Jan	2	-	-	-	-		-	52.3	50.5	51.4
11-Jan	2	-	-	-	-		-	52.2	49.8	52.2
12-Jan	2	-	-	-	-		-	52.0	48.7	52.0
13-Jan	2	-	-	-	-		-	51.3	47.7	51.6
14-Jan	2	-	-	-	-		-	50.7	46.9	50.9
15-Jan	3	-	-	-	-		-	50.7	47.1	51.1
16-Jan	3	-	-	-	-		-	50.7	48.0	51.5
17-Jan	3	-	-	-	-		-	50.5	48.2	53.9
18-Jan	3	-	-	-	-		-	49.6	48.4	53.5
19-Jan	3	-	-	-	-		-	51.1	48.4	52.8
20-Jan	3	-	-	-	-		-	50.4	48.6	51.9
21-Jan	3	-	-	-	-		-	50.7	48.7	50.7
22-Jan	4	-	-	-	-		-	51.1	49.5	50.4
23-Jan	4	-	-	-	-		-	49.1	49.5	50.3
24-Jan	4	-	-	-	-		-	50.0	49.8	50.5
25-Jan	4	-	-	-	-		-	50.5	49.5	50.6
26-Jan	4	-	-	-	-		-	48.4	50.5	50.8
27-Jan	4	-	-	-	-		-	49.6	51.4	51.2
28-Jan	4	-	-	-	-		-	49.6	50.5	51.8
29-Jan	5	-	-	-	-		-	49.8	50.2	51.9
30-Jan	5	-	-	-	-		-	51.3	49.5	51.2
31-Jan	5	-	-	-	-		-	51.3	49.5	50.7
01-Feb	5	-	-	-	-		-	52.2	49.3	50.5
02-Feb	5	-	-	-	-		-	52.9	49.3	50.7
03-Feb	5	-	-	-	-		-	52.5	49.3	51.6
04-Feb	5	-	-	-	-		-	52.9	49.1	51.3
05-Feb	6	-	-	-	-		-	54.3	49.3	50.8
06-Feb	6	-	-	-	-		-	55.2	48.9	50.6
07-Feb	6	-	-	-	-		-	53.8	48.9	50.5
08-Feb	6	-	-	-	-		-	52.7	49.5	49.6
09-Feb	6	-	-	-	-		-	52.7	49.1	50.0
10-Feb	6	-	-	-	-		-	52.9	48.9	50.3
11-Feb	6	-	-	-	-		-	53.4	49.1	50.0
12-Feb	7	-	-	-	-		-	52.9	49.3	50.7
13-Feb	7	-	-	-	-		-	53.1	48.7	50.4
14-Feb	7	-	-	-	-		-	53.4	48.7	51.2
15-Feb	7	-	-	-	-		-	52.9	49.3	50.9
16-Feb	7	-	-	-	29.1		49.1	53.1	49.3	50.2
17-Feb	7	-	-	-	31.0		49.5	53.8	49.6	49.4
18-Feb	7	-	-	-	12.7		50.0	53.2	49.5	50.4
19-Feb	8	-	-	-	13.0		50.4	53.1	49.3	50.4
20-Feb	8	-	-	-	15.9		50.9	52.9	49.5	49.6

Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

Date	Julian Week	1995 Turbidity (NTU's)	1996 Turbidity (NTU's)	1997 Turbidity (NTU's)	1998 Turbidity (NTU's)		1995 Average River Temp. (F)	1996 Average River Temp. (F)	1997 Average River Temp. (F)	1998 Average River Temp. (F)
21-Feb	8	-	-	-	-		51.4	52.5	49.3	49.6
22-Feb	8	-	-	-	-		51.4	51.8	49.3	49.5
23-Feb	8	-	-	-	17.0		50.7	50.9	49.1	50.2
24-Feb	8	-	-	-	16.1		51.3	50.9	48.6	50.2
25-Feb	8	-	-	-	15.4		51.1	50.5	48.6	50.3
26-Feb	9	-	-	-	12.4		51.1	50.4	49.1	50.6
27-Feb	9	-	-	-	13.1		51.1	50.0	49.3	50.6
28-Feb	9	-	-	-	-		51.3	49.3	48.9	50.5
29-Feb	**9**	-	-	-	-		**x**	50.4	**x**	**x**
01-Mar	9	-	-	-	-		51.4	50.9	48.9	50.6
02-Mar	9	-	-	-	8.6		52.3	51.6	49.5	51.0
03-Mar	9	-	-	-	8.8		53.4	51.6	49.1	51.3
04-Mar	9	-	-	-	8.6		52.3	51.6	49.1	50.5
05-Mar	10	-	-	-	9.5		52.0	51.3	49.3	49.6
06-Mar	10	-	-	-	9.7		51.4	51.1	50.0	49.4
07-Mar	10	-	-	-	-		51.8	51.8	50.4	49.7
08-Mar	10	-	-	-	-		52.2	52.3	50.7	50.2
09-Mar	10	-	-	-	7.1		52.0	52.5	50.9	51.1
10-Mar	10	-	-	-	9.0		52.3	52.3	51.3	51.2
11-Mar	10	-	-	-	8.8		53.4	52.7	51.4	51.9
12-Mar	11	-	-	-	9.0		53.8	52.3	51.8	51.8
13-Mar	11	-	-	-	9.7		53.6	51.8	51.6	51.3
14-Mar	11	-	-	-	-		53.2	52.5	52.2	51.5
15-Mar	11	-	-	-	-		53.1	53.1	53.2	52.1
16-Mar	11	-	-	-	7.1		52.7	53.2	54.1	52.4
17-Mar	11	-	-	-	10.4		52.2	53.4	54.9	52.7
18-Mar	11	-	-	-	6.6		51.4	53.8	55.4	53.1
19-Mar	12	-	-	-	7.2		50.9	54.0	56.7	53.3
20-Mar	12	-	-	-	8.3		51.3	54.5	-	53.4
21-Mar	12	-	-	-	-		50.9	54.5	58.6	53.1
22-Mar	12	-	-	-	4.6		51.1	54.0	60.1	53.2
23-Mar	12	-	-	-	5.2		50.2	52.9	61.0	53.2
24-Mar	12	-	-	-	6.6		50.5	52.7	61.7	53.6
25-Mar	12	-	-	-	-		51.6	53.1	62.6	53.9
26-Mar	13	-	-	-	-		50.9	52.9	63.7	55.4
27-Mar	13	-	-	-	-		51.3	52.5	63.1	53.3
28-Mar	13	-	-	-	-		51.6	52.9	62.1	52.2
29-Mar	13	-	-	-	-		51.8	52.3	61.3	51.5
30-Mar	13	-	-	-	6.2		52.0	52.5	61.7	51.6
31-Mar	13	-	-	-	6.5		52.2	53.2	60.8	52.1
01-Apr	13	-	-	-	6.5		52.5	53.2	59.0	50.8
02-Apr	14	-	-	-	7.0		52.7	53.1	57.2	51.0
03-Apr	14	-	-	-	8.6		52.7	53.8	57.7	51.2
04-Apr	14	-	-	-	-		52.7	54.1	58.8	51.1
05-Apr	14	-	-	-	8.6		53.1	55.0	58.8	52.0
06-Apr	14	-	-	-	7.1		53.1	55.8	59.4	52.4
07-Apr	14	-	-	-	7.0		52.5	56.3	60.1	52.2
08-Apr	14	-	-	-	6.9		51.8	56.7	61.0	52.5
09-Apr	15	-	-	-	-		51.4	56.1	59.9	52.9
10-Apr	15	-	-	-	8.5		51.4	55.2	59.9	53.3
11-Apr	15	-	-	-	-		52.2	55.2	60.6	52.0

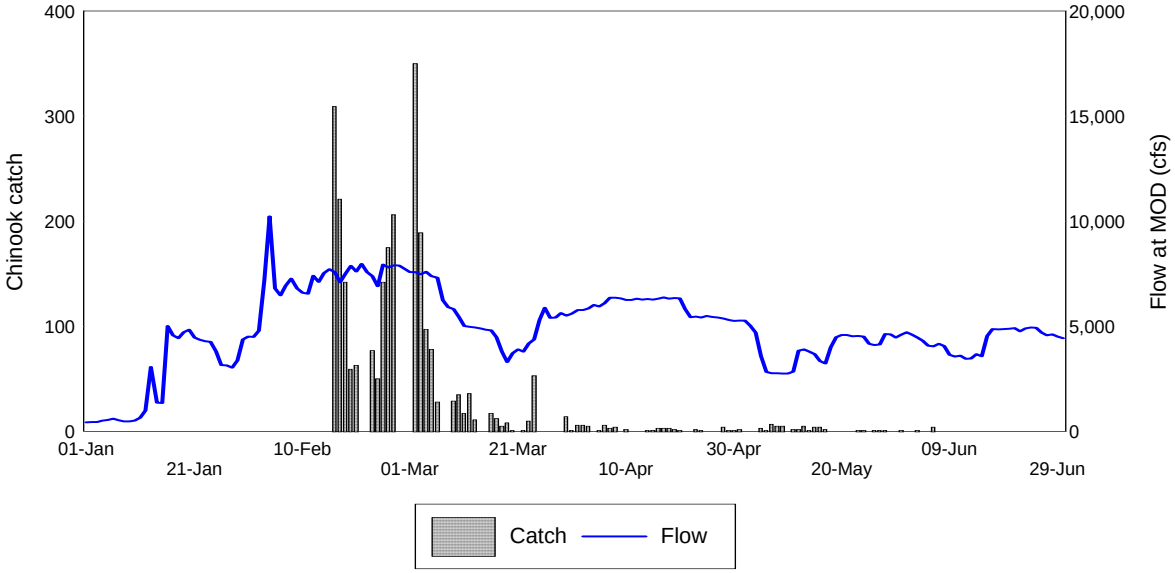
Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

Date	Julian Week	1995 Turbidity (NTU's)	1996 Turbidity (NTU's)	1997 Turbidity (NTU's)	1998 Turbidity (NTU's)		1995 Average River Temp. (F)	1996 Average River Temp. (F)	1997 Average River Temp. (F)	1998 Average River Temp. (F)
12-Apr	15	-	-	-	-		52.3	55.2	60.8	51.0
13-Apr	15	-	-	-	-		52.2	54.9	62.2	52.0
14-Apr	15	-	-	-	5.6		50.9	55.0	63.5	51.4
15-Apr	15	-	-	-	7.1		50.9	55.4	64.9	52.0
16-Apr	16	-	-	-	5.8		50.9	55.0	65.7	52.1
17-Apr	16	-	-	-	7.3		51.1	54.1	58.1	52.5
18-Apr	16	-	-	-	7.0		50.5	54.1	56.5	52.8
19-Apr	16	-	-	-	5.1		50.7	54.3	56.8	53.0
20-Apr	16	-	-	-	4.8		51.6	53.8	57.4	53.5
21-Apr	16	-	-	-	5.1		51.4	54.1	59.4	54.4
22-Apr	16	-	-	-	5.2		52.0	55.6	60.3	55.3
23-Apr	17	-	-	-	6.6		52.7	56.8	57.4	54.7
24-Apr	17	-	-	-	6.7		53.2	57.7	55.4	53.8
25-Apr	17	-	-	-	-		53.4	58.5	55.4	54.4
26-Apr	17	-	-	-	-		53.4	58.5	55.9	54.5
27-Apr	17	-	-	-	-		53.2	57.6	56.7	55.0
28-Apr	17	-	-	-	5.8		52.7	56.8	56.3	55.4
29-Apr	17	-	-	-	6.3		52.9	57.2	55.2	55.7
30-Apr	18	-	-	-	-		53.1	58.1	55.6	55.9
01-May	18	-	-	-	4.6		53.8	58.8	55.6	55.5
02-May	18	-	-	-	-		54.5	58.8	57.0	54.6
03-May	18	-	-	-	-		54.3	58.6	59.2	55.4
04-May	18	-	-	-	-		53.8	57.7	61.0	56.8
05-May	18	-	-	-	5.9		52.7	56.8	60.1	57.0
06-May	18	-	-	-	-		51.6	56.3	58.1	55.9
07-May	19	-	-	-	7.7		52.5	56.8	58.1	56.0
08-May	19	-	-	-	5.2		53.4	56.5	58.5	56.1
09-May	19	-	-	-	5.4		53.2	55.8	58.5	55.6
10-May	19	-	-	-	-		52.7	56.5	59.2	56.1
11-May	19	-	-	-	4.4		53.4	57.6	59.7	55.6
12-May	19	-	-	-	5.4		52.9	58.5	60.8	53.2
13-May	19	-	-	-	11.1		52.0	59.4	62.8	52.3
14-May	20	-	-	-	5.9		52.0	59.4	62.2	53.4
15-May	20	-	-	-	4.8		52.9	57.0	61.2	55.0
16-May	20	-	-	-	4.9		53.8	56.7	62.8	55.2
17-May	20	-	-	-	5.2		54.3	56.5	66.7	54.5
18-May	20	-	-	-	-		54.9	55.8	70.2	55.3
19-May	20	-	-	-	-		55.0	55.6	71.8	55.3
20-May	20	-	-	-	-		54.9	56.1	72.0	55.1
21-May	21	-	-	-	-		54.5	55.8	71.8	55.0
22-May	21	-	-	-	-		53.6	54.9	71.1	55.3
23-May	21	-	-	-	3.6		54.0	55.9	69.3	55.7
24-May	21	-	-	-	3.9		54.3	55.9	69.6	55.9
25-May	21	-	-	-	-		53.8	57.2	69.8	56.1
26-May	21	-	-	-	3.9		54.5	58.1	70.0	54.7
27-May	21	-	-	-	3.3		54.9	57.7	71.2	53.8
28-May	22	-	-	-	3.7		54.7	56.8	73.2	53.7
29-May	22	-	-	-	-		55.4	57.2	74.3	53.6
30-May	22	-	-	-	-		55.4	57.6	75.4	55.1
31-May	22	-	-	-	4.0		55.2	58.6	75.4	56.1
01-Jun	22	-	-	-	-		55.4	60.6	74.8	56.3

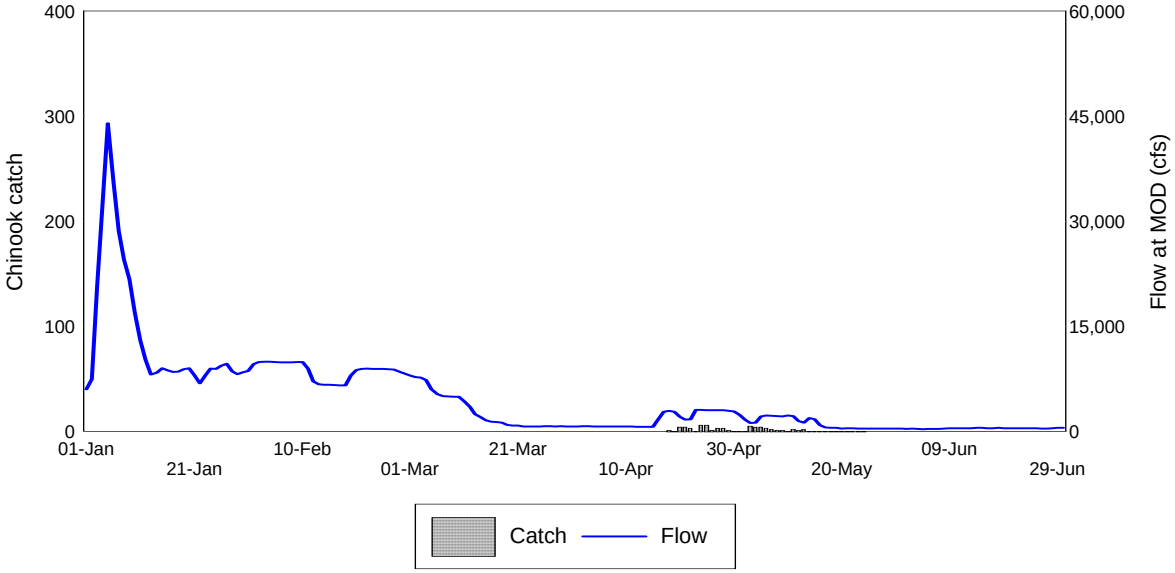
Tuolumne River Rotary Screw Trapping at Shiloh 1995-1998 (sampling conducted by CDFG and Modesto Irrigation District)

Date	Julian Week	1995 Turbidity (NTU's)	1996 Turbidity (NTU's)	1997 Turbidity (NTU's)	1998 Turbidity (NTU's)		1995 Average River Temp. (F)	1996 Average River Temp. (F)	1997 Average River Temp. (F)	1998 Average River Temp. (F)
02-Jun	22	-	-	-	-		55.0	61.9	73.9	56.2
03-Jun	22	-	-	-	4.6		55.0	63.1	71.6	55.5
04-Jun	23	-	-	-	-		55.4	63.3	70.0	54.9
05-Jun	23	-	-	-	-		55.2	65.3	70.2	56.2
06-Jun	23	-	-	-	3.7		54.7	67.1	71.2	56.7
07-Jun	23	-	-	-	-		54.5	68.9	73.9	56.2
08-Jun	23	-	-	-	-		54.7	70.2	75.6	55.7
09-Jun	23	-	-	-	-		55.0	71.1	76.1	57.1
10-Jun	23	-	-	-	-		55.6	67.6	76.5	57.6
11-Jun	24	-	-	-	-		56.1	66.4	75.0	57.2
12-Jun	24	-	-	-	-		56.3	68.0	73.8	56.9
13-Jun	24	-	-	-	-		56.1	68.7	72.7	57.2
14-Jun	24	-	-	-	-		55.4	69.4	74.1	58.5
15-Jun	24	-	-	-	-		53.6	70.2	75.2	59.4
16-Jun	-	-	-	-	-		53.8	70.0	76.1	58.8
17-Jun	-	-	-	-	-		55.4	69.1	77.4	57.4
18-Jun	-	-	-	-	-		56.3	69.1	77.2	57.4
19-Jun	-	-	-	-	-		56.7	69.4	77.2	57.5
20-Jun	-	-	-	-	-		57.0	69.3	77.2	57.4
21-Jun	-	-	-	-	-		57.4	69.6	75.6	57.3
22-Jun	-	-	-	-	-		58.5	70.7	73.9	57.6
23-Jun	-	-	-	-	-		59.7	72.0	73.4	57.6
24-Jun	-	-	-	-	-		60.8	70.3	73.9	57.5
25-Jun	-	-	-	-	4.3		61.9	69.4	75.0	57.7
26-Jun	-	-	-	-	-		63.1	69.4	75.0	57.7
27-Jun	-	-	-	-	-		63.9	68.5	73.8	57.9
28-Jun	-	-	-	-	-		64.9	70.0	73.0	58.1
29-Jun	-	-	-	-	-		65.8	72.0	72.3	58.2
30-Jun	-	-	-	-	-		66.4	74.5	71.8	58.1
01-Jul	-	-	-	-	3.8		67.5	77.0	71.8	58.5
02-Jul	-	-	-	-	-		68.0	76.5	71.8	60.3
03-Jul	-	-	-	-	-		68.2	78.1	73.8	61.8
04-Jul	-	-	-	-	-		68.9	77.5	75.6	63.8
05-Jul	-	-	-	-	-		69.1	75.9	75.2	65.0
06-Jul	-	-	-	-	-		66.7	77.0	75.7	65.1
07-Jul	-	-	-	-	-		63.1	77.9	76.5	63.5
08-Jul	-	-	-	-	-		62.6	77.5	77.5	63.3
09-Jul	-	-	-	-	-		57.9	78.1	78.4	62.4
10-Jul	-	-	-	-	-		57.7	79.0	77.7	61.3
11-Jul	-	-	-	-	-		56.7	78.8	77.4	58.6
12-Jul	-	-	-	-	-		56.3	78.6	76.6	58.0
13-Jul	-	-	-	-	-		56.8	78.4	77.4	58.3
14-Jul	-	-	-	-	-		57.2	79.2	77.2	58.9
15-Jul	-	-	-	-	-		57.9	77.7	77.2	59.4

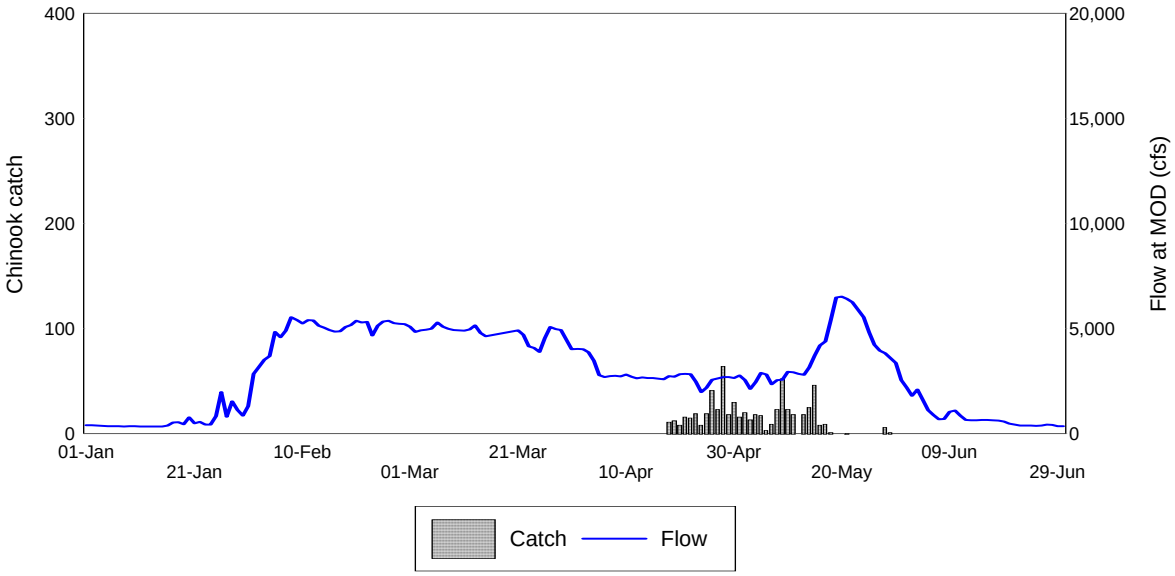
1998 Daily Chinook Catch at Shiloh



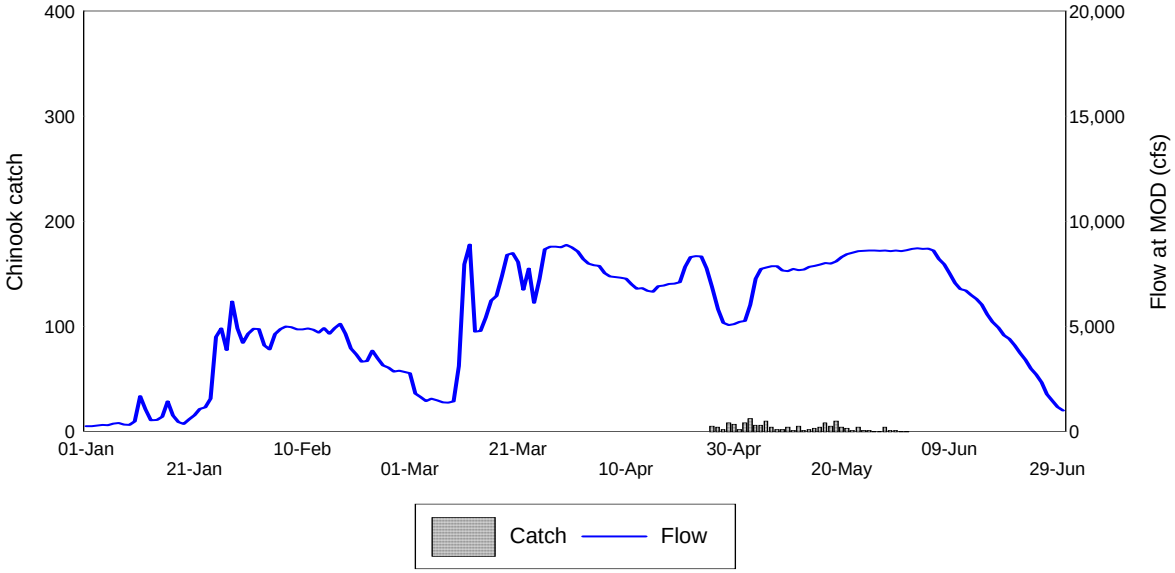
1997 Daily Chinook Catch at Shiloh



1996 Daily Chinook Catch at Shiloh



1995 Daily Chinook Catch at Shiloh



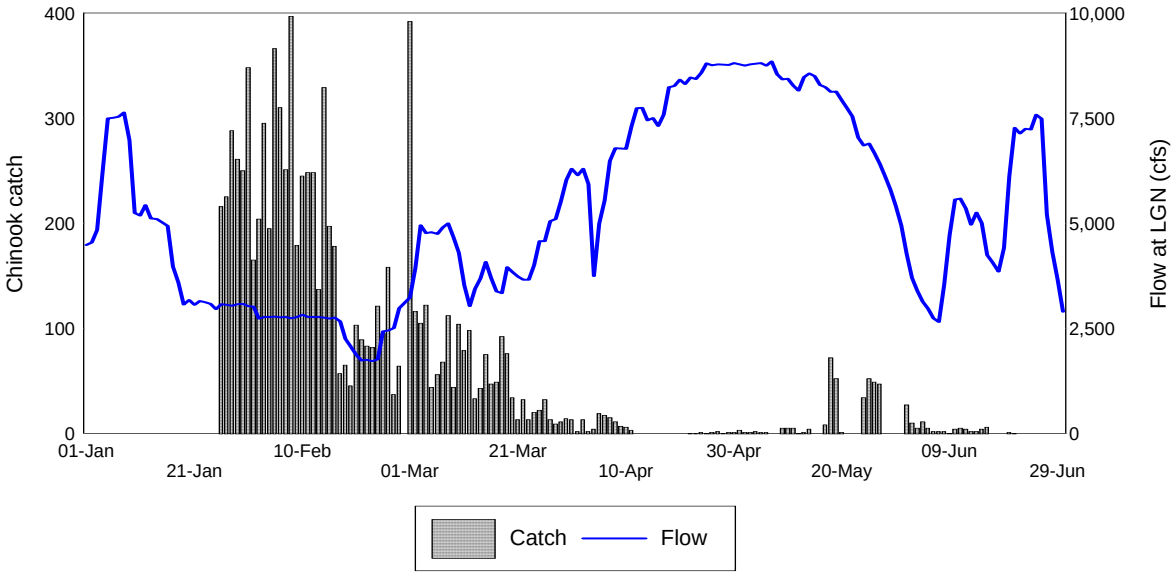
Section 4. Waterford Trapping Site

Daily Chinook Catch at Waterford - Year 2006

Julian Week	Date	Count	Julian Week	Date	Count	Julian Week	Date	Count
4	01/26/06	216	11	03/16/06	47	18	05/04/06	2
4	01/27/06	225	11	03/17/06	49	18	05/05/06	1
4	01/28/06	288	11	03/18/06	92	18	05/06/06	1
5	01/29/06	261	12	03/19/06	76	19	05/07/06	-
5	01/30/06	250	12	03/20/06	34	19	05/08/06	ns
5	01/31/06	348	12	03/21/06	13	19	05/09/06	5
5	02/01/06	165	12	03/22/06	32	19	05/10/06	5
5	02/02/06	204	12	03/23/06	13	19	05/11/06	5
5	02/03/06	295	12	03/24/06	20	19	05/12/06	0
5	02/04/06	195	12	03/25/06	22	19	05/13/06	1
6	02/05/06	366	13	03/26/06	32	20	05/14/06	4
6	02/06/06	310	13	03/27/06	13	20	05/15/06	ns
6	02/07/06	251	13	03/28/06	9	20	05/16/06	ns
6	02/08/06	397	13	03/29/06	11	20	05/17/06	8
6	02/09/06	179	13	03/30/06	14	20	05/18/06	72
6	02/10/06	245	13	03/31/06	13	20	05/19/06	52
6	02/11/06	248	13	04/01/06	2	20	05/20/06	1
7	02/12/06	248	14	04/02/06	13	21	05/21/06	ns
7	02/13/06	137	14	04/03/06	2	21	05/22/06	ns
7	02/14/06	329	14	04/04/06	4	21	05/23/06	ns
7	02/15/06	197	14	04/05/06	19	21	05/24/06	34
7	02/16/06	178	14	04/06/06	17	21	05/25/06	52
7	02/17/06	57	14	04/07/06	15	21	05/26/06	49
7	02/18/06	65	14	04/08/06	11	21	05/27/06	47
8	02/19/06	45	15	04/09/06	7	22	05/28/06	ns
8	02/20/06	103	15	04/10/06	6	22	05/29/06	ns
8	02/21/06	89	15	04/11/06	3	22	05/30/06	ns
8	02/22/06	83	15	04/12/06	ns	22	05/31/06	ns
8	02/23/06	82	15	04/13/06	ns	22	06/01/06	27
8	02/24/06	121	15	04/14/06	ns	22	06/02/06	10
8	02/25/06	95	15	04/15/06	ns	22	06/03/06	5
9	02/26/06	158	16	04/16/06	ns	23	06/04/06	11
9	02/27/06	37	16	04/17/06	ns	23	06/05/06	5
9	02/28/06	64	16	04/18/06	ns	23	06/06/06	2
9	03/01/06	392	16	04/19/06	ns	23	06/07/06	2
9	03/02/06	116	16	04/20/06	ns	23	06/08/06	2
9	03/03/06	105	16	04/21/06	ns	23	06/09/06	0
9	03/04/06	122	16	04/22/06	0	23	06/10/06	4
10	03/05/06	44	17	04/23/06	0	24	06/11/06	5
10	03/06/06	56	17	04/24/06	1	24	06/12/06	4
10	03/07/06	68	17	04/25/06	0	24	06/13/06	2
10	03/08/06	112	17	04/26/06	1	24	06/14/06	2
10	03/09/06	44	17	04/27/06	2	24	06/15/06	4
10	03/10/06	104	17	04/28/06	0	24	06/16/06	6
10	03/11/06	79	17	04/29/06	1	24	06/17/06	ns
11	03/12/06	98	18	04/30/06	1	25	06/18/06	ns
11	03/13/06	33	18	05/01/06	3	25	06/19/06	ns
11	03/14/06	43	18	05/02/06	1	25	06/20/06	1
11	03/15/06	75	18	05/03/06	1	25	06/21/06	0

ns = no sample

2006 Daily Chinook Catch at Waterford



Daily Chinook Mean Length at Waterford - Year 2006

Julian Week	Date	Length (mm)	Julian Week	Date	Length (mm)	Julian Week	Date	Length (mm)
4	01/26/06	35.6	11	03/16/06	39.6	18	05/04/06	89.5
4	01/27/06	35.4	11	03/17/06	41.0	18	05/05/06	73.0
4	01/28/06	35.1	11	03/18/06	42.0	18	05/06/06	99.0
5	01/29/06	35.3	12	03/19/06	47.8	19	05/07/06	-
5	01/30/06	35.4	12	03/20/06	44.6	19	05/08/06	ns
5	01/31/06	35.6	12	03/21/06	45.5	19	05/09/06	92.4
5	02/01/06	34.3	12	03/22/06	46.2	19	05/10/06	97.2
5	02/02/06	35.8	12	03/23/06	68.5	19	05/11/06	83.0
5	02/03/06	35.5	12	03/24/06	54.4	19	05/12/06	-
5	02/04/06	35.4	12	03/25/06	44.3	19	05/13/06	94.0
6	02/05/06	34.6	13	03/26/06	47.5	20	05/14/06	97.0
6	02/06/06	35.2	13	03/27/06	59.8	20	05/15/06	ns
6	02/07/06	34.7	13	03/28/06	51.9	20	05/16/06	ns
6	02/08/06	34.5	13	03/29/06	51.4	20	05/17/06	93.6
6	02/09/06	36.1	13	03/30/06	58.2	20	05/18/06	95.1
6	02/10/06	37.2	13	03/31/06	56.7	20	05/19/06	93.6
6	02/11/06	35.5	13	04/01/06	72.0	20	05/20/06	87.0
7	02/12/06	34.3	14	04/02/06	54.7	21	05/21/06	ns
7	02/13/06	35.4	14	04/03/06	54.5	21	05/22/06	ns
7	02/14/06	34.8	14	04/04/06	70.8	21	05/23/06	ns
7	02/15/06	35.1	14	04/05/06	61.0	21	05/24/06	97.4
7	02/16/06	35.1	14	04/06/06	68.6	21	05/25/06	93.2
7	02/17/06	33.6	14	04/07/06	78.9	21	05/26/06	95.9
7	02/18/06	34.1	14	04/08/06	71.7	21	05/27/06	93.4
8	02/19/06	36.6	15	04/09/06	69.0	22	05/28/06	ns
8	02/20/06	39.4	15	04/10/06	76.2	22	05/29/06	ns
8	02/21/06	41.0	15	04/11/06	81.0	22	05/30/06	ns
8	02/22/06	40.1	15	04/12/06	ns	22	05/31/06	ns
8	02/23/06	41.3	15	04/13/06	ns	22	06/01/06	94.4
8	02/24/06	38.8	15	04/14/06	ns	22	06/02/06	86.5
8	02/25/06	39.0	15	04/15/06	ns	22	06/03/06	96.2
9	02/26/06	34.6	16	04/16/06	ns	23	06/04/06	89.2
9	02/27/06	35.1	16	04/17/06	ns	23	06/05/06	88.8
9	02/28/06	38.5	16	04/18/06	ns	23	06/06/06	98.0
9	03/01/06	35.8	16	04/19/06	ns	23	06/07/06	94.5
9	03/02/06	34.2	16	04/20/06	ns	23	06/08/06	95.0
9	03/03/06	35.8	16	04/21/06	ns	23	06/09/06	-
9	03/04/06	35.9	16	04/22/06	-	23	06/10/06	94.3
10	03/05/06	38.1	17	04/23/06	-	24	06/11/06	93.0
10	03/06/06	35.3	17	04/24/06	89.0	24	06/12/06	96.0
10	03/07/06	35.4	17	04/25/06	-	24	06/13/06	91.0
10	03/08/06	38.8	17	04/26/06	64.0	24	06/14/06	87.5
10	03/09/06	37.4	17	04/27/06	91.5	24	06/15/06	92.5
10	03/10/06	38.5	17	04/28/06	-	24	06/16/06	92.8
10	03/11/06	37.3	17	04/29/06	96.0	24	06/17/06	ns
11	03/12/06	40.0	18	04/30/06	95.0	25	06/18/06	ns
11	03/13/06	42.4	18	05/01/06	92.7	25	06/19/06	ns
11	03/14/06	38.8	18	05/02/06	110.0	25	06/20/06	88.0
11	03/15/06	40.0	18	05/03/06	87.0	25	06/21/06	-

ns = no sample

Daily Chinook Minimum, Maximum and Mean Lengths at Waterford - Year 2006

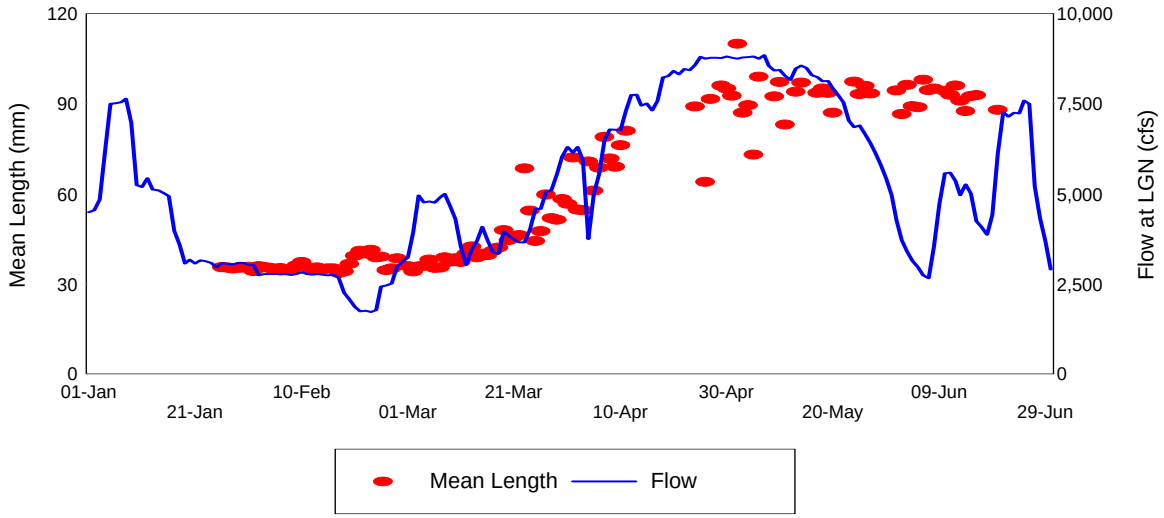
Julian Week	Date	Min	Average	Max	Julian Week	Date	Min	Average	Max
4	01/26/06	32	35.6	38	11	03/16/06	32	39.6	76
4	01/27/06	33	35.4	41	11	03/17/06	32	41.0	80
4	01/28/06	32	35.1	38	11	03/18/06	33	42.0	92
5	01/29/06	32	35.3	38	12	03/19/06	32	47.8	99
5	01/30/06	32	35.4	40	12	03/20/06	32	44.6	87
5	01/31/06	32	35.6	55	12	03/21/06	33	45.5	79
5	02/01/06	31	34.3	38	12	03/22/06	33	46.2	91
5	02/02/06	33	35.8	39	12	03/23/06	34	68.5	110
5	02/03/06	32	35.5	40	12	03/24/06	34	54.4	80
5	02/04/06	31	35.4	38	12	03/25/06	32	44.3	84
6	02/05/06	33	34.6	37	13	03/26/06	30	47.5	90
6	02/06/06	31	35.2	38	13	03/27/06	33	59.8	88
6	02/07/06	32	34.7	40	13	03/28/06	32	51.9	70
6	02/08/06	30	34.5	38	13	03/29/06	32	51.4	92
6	02/09/06	32	36.1	109	13	03/30/06	34	58.2	82
6	02/10/06	29	37.2	74	13	03/31/06	35	56.7	86
6	02/11/06	31	35.5	68	13	04/01/06	71	72.0	73
7	02/12/06	29	34.3	38	14	04/02/06	35	54.7	77
7	02/13/06	32	35.4	38	14	04/03/06	36	54.5	73
7	02/14/06	31	34.8	37	14	04/04/06	33	70.8	101
7	02/15/06	31	35.1	45	14	04/05/06	33	61.0	111
7	02/16/06	31	35.1	74	14	04/06/06	34	68.6	100
7	02/17/06	29	33.6	38	14	04/07/06	48	78.9	107
7	02/18/06	30	34.1	52	14	04/08/06	50	71.7	95
8	02/19/06	30	36.6	75	15	04/09/06	54	69.0	88
8	02/20/06	30	39.4	85	15	04/10/06	56	76.2	89
8	02/21/06	30	41.0	90	15	04/11/06	63	81.0	93
8	02/22/06	31	40.1	79	15	04/12/06	ns	ns	ns
8	02/23/06	30	41.3	115	15	04/13/06	ns	ns	ns
8	02/24/06	31	38.8	94	15	04/14/06	ns	ns	ns
8	02/25/06	30	39.0	87	15	04/15/06	ns	ns	ns
9	02/26/06	31	34.6	38	16	04/16/06	ns	ns	ns
9	02/27/06	31	35.1	58	16	04/17/06	ns	ns	ns
9	02/28/06	33	38.5	105	16	04/18/06	ns	ns	ns
9	03/01/06	32	35.8	92	16	04/19/06	ns	ns	ns
9	03/02/06	30	34.2	37	16	04/20/06	ns	ns	ns
9	03/03/06	32	35.8	95	16	04/21/06	ns	ns	ns
9	03/04/06	31	35.9	78	16	04/22/06	-	-	-
10	03/05/06	33	38.1	82	17	04/23/06	-	-	-
10	03/06/06	32	35.3	40	17	04/24/06	89	89.0	89
10	03/07/06	33	35.4	39	17	04/25/06	-	-	-
10	03/08/06	30	38.8	75	17	04/26/06	64	64.0	64
10	03/09/06	30	37.4	86	17	04/27/06	80	91.5	103
10	03/10/06	30	38.5	89	17	04/28/06	-	-	-
10	03/11/06	33	37.3	82	17	04/29/06	96	96.0	96
11	03/12/06	33	40.0	86	18	04/30/06	95	95.0	95
11	03/13/06	33	42.4	93	18	05/01/06	91	92.7	96
11	03/14/06	33	38.8	100	18	05/02/06	110	110.0	110
11	03/15/06	32	40.0	105	18	05/03/06	87	87.0	87

Daily Chinook Minimum, Maximum and Mean Lengths at Waterford - Year 2006

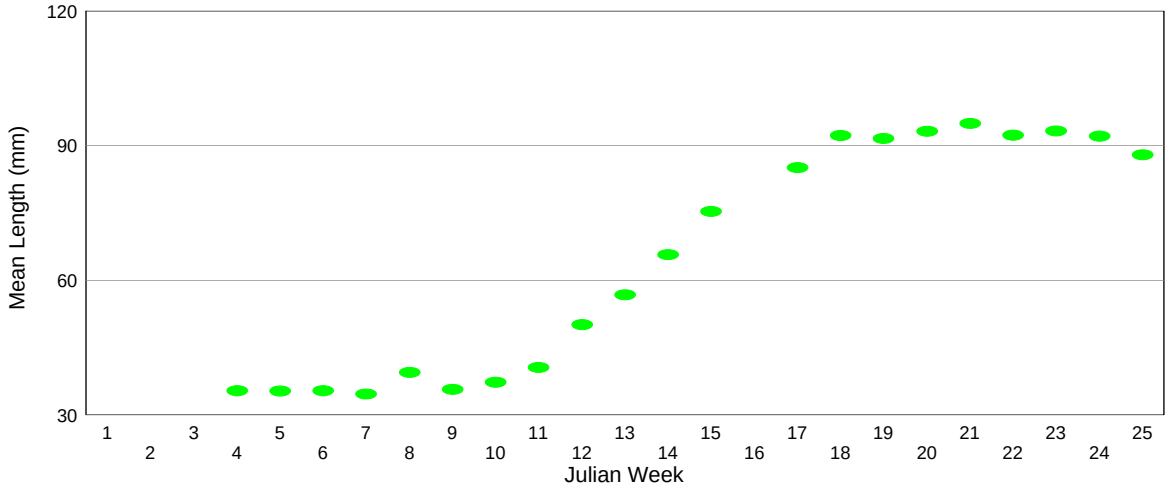
Julian Week	Date	Min	Average	Max
18	05/04/06	88	89.5	91
18	05/05/06	73	73.0	73
18	05/06/06	99	99.0	99
19	05/07/06	-	-	-
19	05/08/06	ns	ns	ns
19	05/09/06	80	92.4	102
19	05/10/06	90	97.2	103
19	05/11/06	67	83.0	100
19	05/12/06	-	-	-
19	05/13/06	94	94.0	94
20	05/14/06	93	97.0	103
20	05/15/06	ns	ns	ns
20	05/16/06	ns	ns	ns
20	05/17/06	85	93.6	98
20	05/18/06	34	95.1	110
20	05/19/06	81	93.6	111
20	05/20/06	87	87.0	87
21	05/21/06	ns	ns	ns
21	05/22/06	ns	ns	ns
21	05/23/06	ns	ns	ns
21	05/24/06	89	97.4	105
21	05/25/06	33	93.2	105
21	05/26/06	82	95.9	109
21	05/27/06	34	93.4	115
22	05/28/06	ns	ns	ns
22	05/29/06	ns	ns	ns
22	05/30/06	ns	ns	ns
22	05/31/06	ns	ns	ns
22	06/01/06	75	94.4	110
22	06/02/06	75	86.5	96
22	06/03/06	92	96.2	104
23	06/04/06	67	89.2	102
23	06/05/06	82	88.8	97
23	06/06/06	89	98.0	107
23	06/07/06	93	94.5	96
23	06/08/06	94	95.0	96
23	06/09/06	-	-	-
23	06/10/06	83	94.3	106
24	06/11/06	78	93.0	102
24	06/12/06	87	96.0	108
24	06/13/06	87	91.0	95
24	06/14/06	77	87.5	98
24	06/15/06	87	92.5	99
24	06/16/06	78	92.8	104
24	06/17/06	ns	ns	ns
25	06/18/06	ns	ns	ns
25	06/19/06	ns	ns	ns
25	06/20/06	88	88.0	88
25	06/21/06	-	-	-

ns = no sample

Chinook Mean Length and Flow
at Waterford - 2006



Chinook Mean Length by Julian Week
at Waterford - 2006

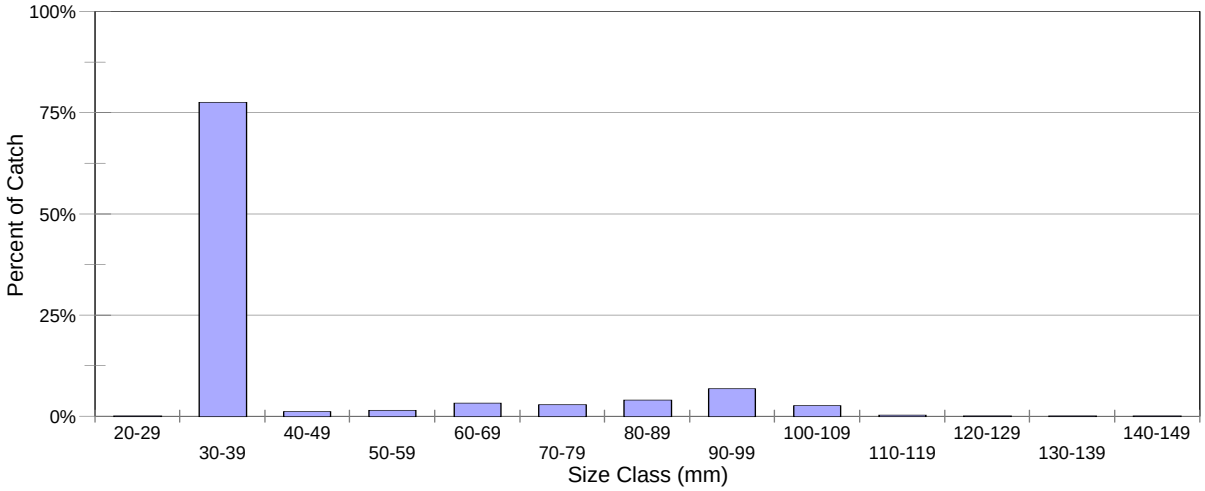


2006 Length frequency table for all Chinook measured at Waterford

Length Interval	Julian Week																						Season	
(mm)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Total	% Total
20-29	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.08%
30-39	149	379	403	361	332	355	327	280	113	39	13	-	-	-	-	-	1	2	-	-	-	-	2,754	77.51%
40-49	1	4	1	5	7	1	3	9	1	3	3	-	-	-	-	-	-	1	-	-	-	-	39	1.10%
50-59	-	1	-	1	8	1	7	6	8	10	7	2	-	-	-	-	-	-	-	-	-	-	51	1.44%
60-69	-	-	6	-	10	4	10	21	26	19	10	4	-	1	-	1	2	-	-	1	-	-	115	3.24%
70-79	-	-	1	1	23	2	2	11	21	16	13	1	-	-	1	2	-	1	2	-	4	-	101	2.84%
80-89	-	-	-	-	6	1	4	6	10	5	18	5	-	2	2	2	32	23	11	8	4	1	140	3.94%
90-99	-	-	-	-	3	2	-	2	3	2	4	1	-	1	6	7	68	95	27	8	12	-	241	6.78%
100-109	-	-	1	-	-	1	-	2	-	-	4	-	-	1	-	5	23	40	8	3	3	-	91	2.56%
110-119	-	-	-	-	1	-	-	-	1		1	-	-	-	1	-	4	1	1	-	-	-	10	0.28%
120-129	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.08%
130-139	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.08%
140-149	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.06%
	150	384	413	370	390	367	353	337	183	94	73	13	0	5	10	17	130	163	49	20	23	1	3,553	

Length Frequency of Chinook

Captured at Waterford - 2006



Daily Chinook Mean Weight at Waterford - Year 2006

Julian Week	Date	Weight (g)	Julian Week	Date	Weight (g)	Julian Week	Date	Weight (g)
4	01/26/06	-	11	03/16/06	3.6	18	05/04/06	7.8
4	01/27/06	-	11	03/17/06	3.2	18	05/05/06	4.5
4	01/28/06	-	11	03/18/06	-	18	05/06/06	11.6
5	01/29/06	-	12	03/19/06	-	19	05/07/06	-
5	01/30/06	-	12	03/20/06	1.4	19	05/08/06	ns
5	01/31/06	-	12	03/21/06	1.3	19	05/09/06	9.5
5	02/01/06	-	12	03/22/06	4.1	19	05/10/06	10.8
5	02/02/06	-	12	03/23/06	-	19	05/11/06	-
5	02/03/06	-	12	03/24/06	-	19	05/12/06	-
5	02/04/06	-	12	03/25/06	-	19	05/13/06	9.5
6	02/05/06	-	13	03/26/06	4.5	20	05/14/06	11.0
6	02/06/06	0.4	13	03/27/06	2.9	20	05/15/06	ns
6	02/07/06	-	13	03/28/06	-	20	05/16/06	ns
6	02/08/06	-	13	03/29/06	2.4	20	05/17/06	9.9
6	02/09/06	9.9	13	03/30/06	3.0	20	05/18/06	9.7
6	02/10/06	3.3	13	03/31/06	1.5	20	05/19/06	-
6	02/11/06	3.7	13	04/01/06	-	20	05/20/06	7.3
7	02/12/06	-	14	04/02/06	1.8	21	05/21/06	ns
7	02/13/06	-	14	04/03/06	0.4	21	05/22/06	ns
7	02/14/06	0.3	14	04/04/06	5.5	21	05/23/06	ns
7	02/15/06	-	14	04/05/06	2.8	21	05/24/06	-
7	02/16/06	4.0	14	04/06/06	4.5	21	05/25/06	-
7	02/17/06	-	14	04/07/06	6.0	21	05/26/06	10.5
7	02/18/06	-	14	04/08/06	4.4	21	05/27/06	11.3
8	02/19/06	-	15	04/09/06	3.9	22	05/28/06	ns
8	02/20/06	0.7	15	04/10/06	4.9	22	05/29/06	ns
8	02/21/06	4.6	15	04/11/06	6.2	22	05/30/06	ns
8	02/22/06	3.5	15	04/12/06	ns	22	05/31/06	ns
8	02/23/06	6.4	15	04/13/06	ns	22	06/01/06	10.0
8	02/24/06	5.7	15	04/14/06	ns	22	06/02/06	7.7
8	02/25/06	5.9	15	04/15/06	ns	22	06/03/06	11.1
9	02/26/06	-	16	04/16/06	ns	23	06/04/06	7.6
9	02/27/06	-	16	04/17/06	ns	23	06/05/06	8.1
9	02/28/06	0.9	16	04/18/06	ns	23	06/06/06	-
9	03/01/06	9.6	16	04/19/06	ns	23	06/07/06	-
9	03/02/06	-	16	04/20/06	ns	23	06/08/06	10.8
9	03/03/06	-	16	04/21/06	ns	23	06/09/06	-
9	03/04/06	-	16	04/22/06	-	23	06/10/06	10.7
10	03/05/06	3.5	17	04/23/06	-	24	06/11/06	11.4
10	03/06/06	0.4	17	04/24/06	7.9	24	06/12/06	10.8
10	03/07/06	-	17	04/25/06	-	24	06/13/06	9.7
10	03/08/06	0.4	17	04/26/06	2.9	24	06/14/06	8.4
10	03/09/06	1.0	17	04/27/06	8.8	24	06/15/06	9.8
10	03/10/06	3.1	17	04/28/06	-	24	06/16/06	8.6
10	03/11/06	6.1	17	04/29/06	9.7	24	06/17/06	ns
11	03/12/06	5.2	18	04/30/06	9.8	25	06/18/06	ns
11	03/13/06	1.2	18	05/01/06	9.1	25	06/19/06	ns
11	03/14/06	-	18	05/02/06	16.1	25	06/20/06	9.4
11	03/15/06	0.9	18	05/03/06	8.5	25	06/21/06	-

ns = no sample

Smolt index values for all natural Chinook rated at Waterford during 2006.

Date	# 1	# 2	# 3	Mean Index		Date	# 1	# 2	# 3	Mean Index
01/26/06	50	-	-	1.00		03/16/06	39	7	-	1.15
01/27/06	50	-	-	1.00		03/17/06	40	9	-	1.18
01/28/06	50	-	-	1.00		03/18/06	44	10	-	1.19
01/29/06	50	-	-	1.00		03/19/06	34	16	-	1.32
01/30/06	50	-	-	1.00		03/20/06	23	11	-	1.32
01/31/06	50	1	-	1.02		03/21/06	9	4	-	1.31
02/01/06	77	-	-	1.00		03/22/06	23	7	1	1.29
02/02/06	50	-	-	1.00		03/23/06	2	7	4	2.15
02/03/06	50	-	-	1.00		03/24/06	9	11	-	1.55
02/04/06	50	-	-	1.00		03/25/06	16	5	1	1.32
02/05/06	50	-	-	1.00		03/26/06	18	10	1	1.41
02/06/06	50	-	-	1.00		03/27/06	4	8	1	1.77
02/07/06	50	-	-	1.00		03/28/06	2	4	-	1.67
02/08/06	50	-	-	1.00		03/29/06	7	2	2	1.55
02/09/06	70	1	1	1.04		03/30/06	5	7	1	1.69
02/10/06	50	4	-	1.07		03/31/06	3	7	-	1.70
02/11/06	68	2	-	1.03		04/01/06	-	-	-	-
02/12/06	50	-	-	1.00		04/02/06	2	4	-	1.67
02/13/06	50	-	-	1.00		04/03/06	1	-	-	1.00
02/14/06	50	-	-	1.00		04/04/06	1	1	2	2.25
02/15/06	50	-	-	1.00		04/05/06	7	8	4	1.84
02/16/06	50	1	-	1.02		04/06/06	2	11	4	2.12
02/17/06	50	-	-	1.00		04/07/06	-	3	11	2.79
02/18/06	59	-	-	1.00		04/08/06	-	7	4	2.36
02/19/06	41	3	-	1.07		04/09/06	-	5	2	2.29
02/20/06	47	3	3	1.17		04/10/06	-	3	1	2.25
02/21/06	50	10	-	1.17		04/11/06	-	1	2	2.67
02/22/06	50	11	-	1.18		04/12/06	ns	ns	ns	ns
02/23/06	50	9	-	1.15		04/13/06	ns	ns	ns	ns
02/24/06	50	6	-	1.11		04/14/06	ns	ns	ns	ns
02/25/06	50	6	-	1.11		04/15/06	ns	ns	ns	ns
02/26/06	50	-	-	1.00		04/16/06	ns	ns	ns	ns
02/27/06	36	1	-	1.03		04/17/06	ns	ns	ns	ns
02/28/06	50	4	-	1.07		04/18/06	ns	ns	ns	ns
03/01/06	50	1	-	1.02		04/19/06	ns	ns	ns	ns
03/02/06	50	-	-	1.00		04/20/06	ns	ns	ns	ns
03/03/06	50	-	1	1.04		04/21/06	ns	ns	ns	ns
03/04/06	70	4	-	1.05		04/22/06	-	-	-	-
03/05/06	41	3	-	1.07		04/23/06	-	-	-	-
03/06/06	50	-	-	1.00		04/24/06	-	-	1	3.00
03/07/06	50	-	-	1.00		04/25/06	-	-	-	-
03/08/06	50	8	-	1.14		04/26/06	-	1	-	2.00
03/09/06	40	4	-	1.09		04/27/06	-	-	2	3.00
03/10/06	50	6	-	1.11		04/28/06	-	-	-	-
03/11/06	50	1	-	1.02		04/29/06	-	-	1	3.00
03/12/06	50	6	-	1.11		04/30/06	-	-	1	3.00
03/13/06	27	6	-	1.18		05/01/06	-	-	3	3.00
03/14/06	40	3	-	1.07		05/02/06	-	-	1	3.00
03/15/06	50	5	1	1.13		05/03/06	-	-	1	3.00

Smolt index values for all natural Chinook rated at Waterford during 2006.

Date	# 1	# 2	# 3	Mean Index
05/04/06	-	-	2	3.00
05/05/06	-	1	-	2.00
05/06/06	-	-	1	3.00
05/07/06	-	-	-	-
05/08/06	ns	ns	ns	ns
05/09/06	-	1	4	2.80
05/10/06	-	-	5	3.00
05/11/06	-	3	2	2.40
05/12/06	-	-	-	-
05/13/06	-	-	1	3.00
05/14/06	-	-	4	3.00
05/15/06	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns
05/17/06	-	-	8	3.00
05/18/06	1	1	55	2.95
05/19/06	-	-	50	3.00
05/20/06	-	-	1	3.00
05/21/06	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns
05/24/06	-	-	20	3.00
05/25/06	1	-	49	2.96
05/26/06	-	-	49	3.00
05/27/06	1	-	40	2.95
05/28/06	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns
06/01/06	-	-	27	3.00
06/02/06	-	-	10	3.00
06/03/06	-	-	5	3.00
06/04/06	-	1	10	2.91
06/05/06	-	-	5	3.00
06/06/06	-	-	2	3.00
06/07/06	-	-	2	3.00
06/08/06	-	-	2	3.00
06/09/06	-	-	-	-
06/10/06	-	-	3	3.00
06/11/06	-	-	3	3.00
06/12/06	-	-	4	3.00
06/13/06	-	-	2	3.00
06/14/06	-	-	2	3.00
06/15/06	-	-	4	3.00
06/16/06	-	-	6	3.00
06/17/06	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns
06/19/06	ns	ns	ns	ns
06/20/06	-	-	1	3.00
06/21/06	-	-	-	-

ns = no sample

Waterford Releases and Recapture Data - Year 2006

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) at LGN
W1	Waterford	31-Jan-06	CFGN	Wild	06:45 PM	240	13	5.4%	34.9	35.3	3,029
W2	Waterford	08-Feb-06	CFGN	Wild	06:30 PM	225	11	4.9%	34.6	34.6	5,192
W3	Waterford	10-Feb-06	CFGN	Wild	07:00 PM	120	6	5.0%	34.7	35.2	2,827
W4	Waterford	17-Feb-06	CFGN	Wild	06:45 PM	163	7	4.3%	33.8	33.7	2,668
W5	Waterford	06-May-06	CFOH	Hatchery	08:15 PM	778	0	0.0%	72.9	-	8,749
W6	Waterford	13-May-06	CFOH	Hatchery	08:40 PM	1,581	0	0.0%	78.4	-	8,475
W7	Waterford	17-May-06	CFOH	Hatchery	08:23 PM	2,442	11	0.5%	83.1	82.8	8,235
W8	Waterford	26-May-06	TCOH	Hatchery	08:45 PM	2,326	3	0.1%	85.9	73.7	6,669
W9	Waterford	03-Jun-06	TCOH	Hatchery	09:00 PM	2,948	1	0.0%	79.3	80.0	3,385
W10	Waterford	09-Jun-06	TCOH	Hatchery	09:14 PM	2,731	0	0.0%	85.0	-	4,716
W11	Waterford	15-Jun-06	TCOH	Hatchery	09:21 PM	2,163	1	0.0%	97.5	75.0	5,007

Number and Date of all Recaptures at Waterford during 2006.

Date	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11
01/26/06											
01/27/06											
01/28/06											
01/29/06											
01/30/06											
01/31/06											
02/01/06	13										
02/02/06											
02/03/06											
02/04/06											
02/05/06											
02/06/06											
02/07/06											
02/08/06											
02/09/06		11									
02/10/06											
02/11/06			6								
02/12/06											
02/13/06											
02/14/06											
02/15/06											
02/16/06											
02/17/06											
02/18/06				7							
02/19/06											
02/20/06											
02/21/06											
02/22/06											
02/23/06											
02/24/06											
02/25/06											
02/26/06											
02/27/06											
02/28/06											
03/01/06											
03/02/06											
03/03/06											
03/04/06											
03/05/06											
03/06/06											
03/07/06											
03/08/06											
03/09/06											
03/10/06											
03/11/06											
03/12/06											
03/13/06											
03/14/06											
03/15/06											
03/16/06											
03/17/06											
03/18/06											
03/19/06											
03/20/06											
03/21/06											

Number and Date of all Recaptures at Waterford during 2006.

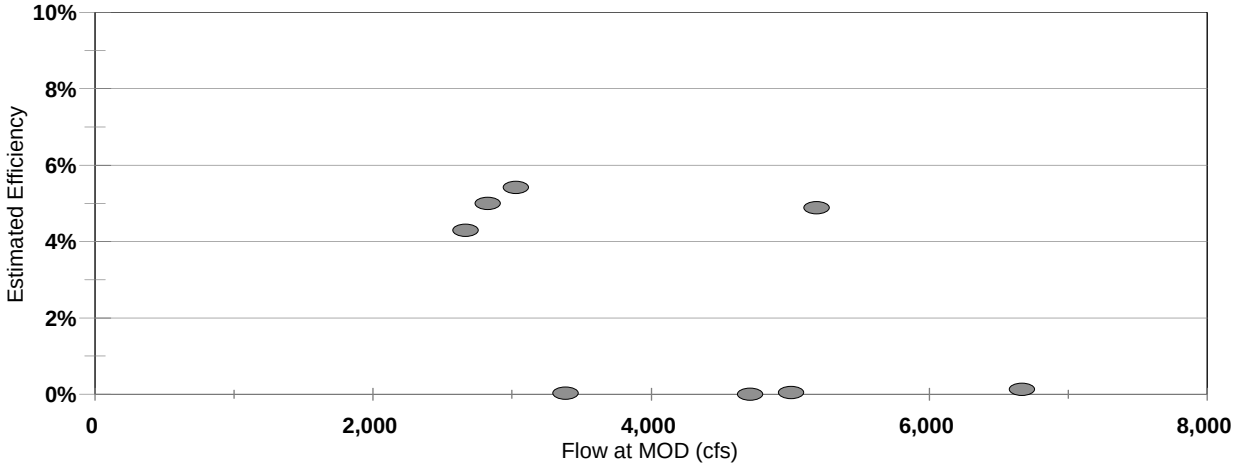
Date	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11
03/22/06											
03/23/06											
03/24/06											
03/25/06											
03/26/06											
03/27/06											
03/28/06											
03/29/06											
03/30/06											
03/31/06											
04/01/06											
04/02/06											
04/03/06											
04/04/06											
04/05/06											
04/06/06											
04/07/06											
04/08/06											
04/09/06											
04/10/06											
04/11/06											
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06											
04/23/06											
04/24/06											
04/25/06											
04/26/06											
04/27/06											
04/28/06											
04/29/06											
04/30/06											
05/01/06											
05/02/06											
05/03/06											
05/04/06											
05/05/06											
05/06/06					0						
05/07/06											
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06											
05/10/06											
05/11/06											
05/12/06											
05/13/06						0					
05/14/06											
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number and Date of all Recaptures at Waterford during 2006.

Date	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06											
05/18/06							11				
05/19/06											
05/20/06											
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06											
05/25/06											
05/26/06											
05/27/06								3			
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06											
06/02/06											
06/03/06											
06/04/06									1		
06/05/06											
06/06/06											
06/07/06											
06/08/06											
06/09/06										0	
06/10/06											
06/11/06											
06/12/06											
06/13/06											
06/14/06											
06/15/06											
06/16/06											1
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06											
06/21/06											
Total	13	11	6	7	0	0	11	3	1	0	1
	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11

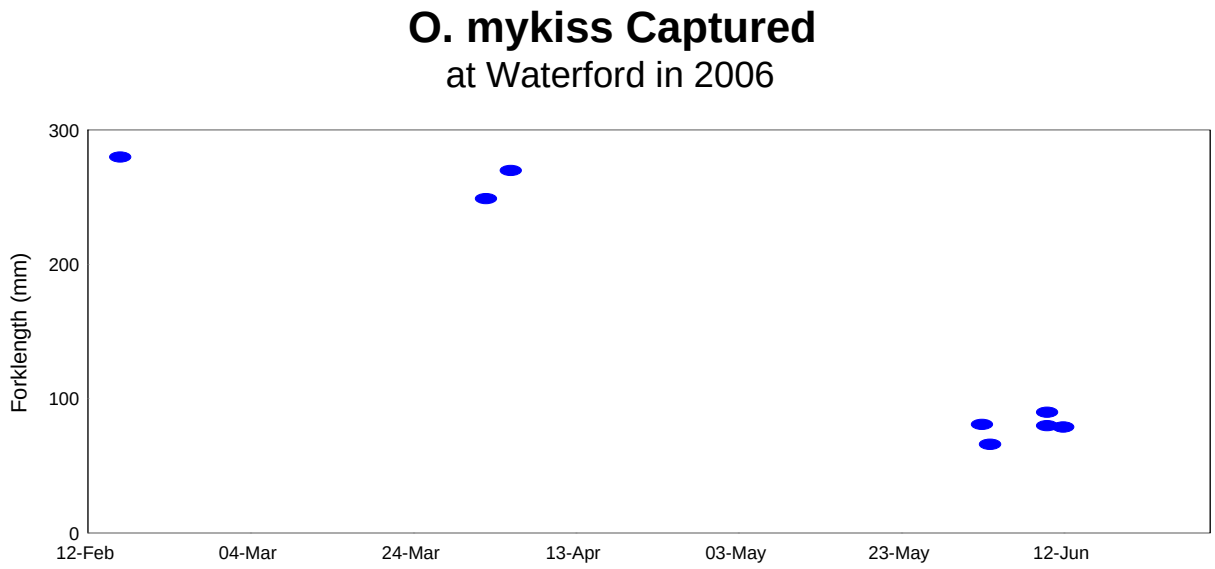
Estimated Trap Efficiency at Waterford

and River Flow - 2006



O. mykiss Captured at Waterford - Year 2006

Station	Sample Date	Time	Species	Length (mm)	Weight	Count	Smolt Index	Mortality
TU030X	16-Feb-06	08:45 AM	RBT	280	198.7	1	5	No
TU030X	02-Apr-06	09:45 AM	RBT	249	192.7	1	5	Yes
TU030X	05-Apr-06	12:00 PM	RBT	270	185.2	1	5	No
TU034X	02-Jun-06	09:15 AM	RBT	81	5.5	1	3	No
TU034X	03-Jun-06	08:15 PM	RBT	66	3.1	1	3	No
TU034X	10-Jun-06	02:45 PM	RBT	90	8.9	1	3	No
TU034X	10-Jun-06	02:45 PM	RBT	80	5.9	1	3	No
TU034X	12-Jun-06	03:15 PM	RBT	79	6.0	1	3	No



Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS	BKS	BRB	C	CHC	GSF	GSN	HH	LAM	LMB	MQK	PKS
01/26/06		1										
01/27/06	3											
01/28/06									4			
01/29/06												
01/30/06	2				1							
01/31/06									5			
02/01/06	2	1					1		2			
02/02/06												
02/03/06	1											
02/04/06												
02/05/06									5		1	
02/06/06	1											
02/07/06												
02/08/06									2			
02/09/06												
02/10/06									1			
02/11/06									4		1	
02/12/06	1								1			
02/13/06									1			
02/14/06												
02/15/06												
02/16/06	1								1	1		
02/17/06												
02/18/06												
02/19/06												
02/20/06	1								1	1		
02/21/06	1											
02/22/06									2			
02/23/06								1	1			
02/24/06									2			
02/25/06	1											
02/26/06									2			
02/27/06						1						
02/28/06												
03/01/06									12			
03/02/06	1								3			
03/03/06									6			
03/04/06									52			
03/05/06									26			
03/06/06									1			

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS	BKS	BRB	C	CHC	GSF	GSN	HH	LAM	LMB	MQK	PKS
03/07/06	1						1		7			
03/08/06												
03/09/06												
03/10/06	1								1			
03/11/06	1								3			
03/12/06									2			
03/13/06	2											
03/14/06	1											
03/15/06									1			
03/16/06												
03/17/06									3			
03/18/06									17			
03/19/06									16			
03/20/06									3			
03/21/06									7			
03/22/06									2			
03/23/06									2			
03/24/06									2			
03/25/06												
03/26/06									16			
03/27/06									8			
03/28/06		1							15		1	
03/29/06									35			
03/30/06									21			
03/31/06			1						11			
04/01/06	1							1	11			
04/02/06												1
04/03/06									4			
04/04/06									9			
04/05/06		1					2	1	10			
04/06/06									4			
04/07/06									5			
04/08/06		1						2				
04/09/06		1						4				
04/10/06			1						1			
04/11/06								1				
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS	BKS	BRB	C	CHC	GSF	GSN	HH	LAM	LMB	MQK	PKS
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06	2							3				
04/23/06	4							1				
04/24/06	1							1				
04/25/06	6							2				
04/26/06	1							3				
04/27/06	5											
04/28/06	9							3				
04/29/06	7							3				
04/30/06	2											
05/01/06	1											
05/02/06	7							3				
05/03/06											1	
05/04/06	4							2				
05/05/06	3											
05/06/06	2											
05/07/06	1											
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06	2											
05/10/06	3											
05/11/06	1										1	
05/12/06	2											
05/13/06	1									2		
05/14/06	2											
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06	1											
05/18/06	8									5		
05/19/06	6									6		
05/20/06												
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06	1								1	3		
05/25/06	2				1		1			3		

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS	BKS	BRB	C	CHC	GSF	GSN	HH	LAM	LMB	MQK	PKS
05/26/06	4							1		4		
05/27/06	2								1	3	1	
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06	6										1	
06/02/06	18							3		4		
06/03/06	9			1				1		3		
06/04/06	24							3		9		
06/05/06	2									3		
06/06/06	4	1								2		
06/07/06	3							1		2		
06/08/06	4							1		2	1	
06/09/06												
06/10/06	2							1		1		
06/11/06	3											
06/12/06												
06/13/06	1			1								
06/14/06	2											
06/15/06	2									1		
06/16/06												
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06												
06/21/06												
Total	192	7	2	2	2	1	5	42	352	55	8	1
	BGS	BKS	BRB	C	CHC	GSF	GSN	HH	LAM	LMB	MQK	PKS

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	PRS	RES	RSN	SASQ	SASU	SCB	SMB	SNF	TFS	UNID	W	WHC
01/26/06												
01/27/06									3			
01/28/06									2			
01/29/06												
01/30/06									1			
01/31/06									3			
02/01/06									2			
02/02/06									2			
02/03/06									3			
02/04/06					1							
02/05/06									1			
02/06/06												
02/07/06					1				2			1
02/08/06												
02/09/06									1			
02/10/06									1			
02/11/06				1					3			
02/12/06												
02/13/06									1			
02/14/06												
02/15/06												
02/16/06									1			
02/17/06												
02/18/06												
02/19/06												
02/20/06				1								
02/21/06												
02/22/06				1	1						1	
02/23/06												1
02/24/06		1			1							
02/25/06												
02/26/06												
02/27/06												
02/28/06												
03/01/06					1							
03/02/06												
03/03/06									19			
03/04/06					1				20			
03/05/06									29			
03/06/06									25			

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	PRS	RES	RSN	SASQ	SASU	SCB	SMB	SNF	TFS	UNID	W	WHC
03/07/06									41			
03/08/06				1					21			
03/09/06									10			
03/10/06									27			
03/11/06									10			
03/12/06												
03/13/06												
03/14/06												
03/15/06									1			
03/16/06					2				3			
03/17/06												
03/18/06												
03/19/06												
03/20/06												
03/21/06			1									
03/22/06	1											
03/23/06												
03/24/06												
03/25/06												
03/26/06									1			
03/27/06				1	3							
03/28/06					1							
03/29/06				3	1							
03/30/06				1								
03/31/06				1	2							
04/01/06												
04/02/06				2	2				1			
04/03/06				2								
04/04/06				1	1							
04/05/06				2					3			
04/06/06				3								
04/07/06			1	6	1				1			
04/08/06			1	5	1				1			
04/09/06			1	24	1							
04/10/06				7								
04/11/06				5								
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	PRS	RES	RSN	SASQ	SASU	SCB	SMB	SNF	TFS	UNID	W	WHC
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06	1			6	3							
04/23/06				2	4							
04/24/06					1							
04/25/06				5	5							
04/26/06				4	3					1		
04/27/06				4								1
04/28/06				2	5							
04/29/06				5	5							
04/30/06				2	4							
05/01/06					2					2		
05/02/06				1	5							
05/03/06					2							
05/04/06				1	1							
05/05/06												
05/06/06				1	1							
05/07/06				1								
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06												
05/10/06				1	5							
05/11/06					2							
05/12/06					1							
05/13/06					1							
05/14/06				1	3						1	
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06								1				
05/18/06				1								
05/19/06				1								
05/20/06				1	1							
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06					1							
05/25/06												

Number and Date of Capture for Non-salmonids Captured in the Waterford Trap during 2006.

Date	PRS	RES	RSN	SASQ	SASU	SCB	SMB	SNF	TFS	UNID	W	WHC
05/26/06												
05/27/06						1	1					
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06				2								
06/02/06					6							
06/03/06				2	4							
06/04/06				4	4		1					
06/05/06				3								
06/06/06				1	1		1				2	
06/07/06				1		1					1	
06/08/06				3								
06/09/06											1	
06/10/06				6								1
06/11/06				1	1							
06/12/06												
06/13/06												
06/14/06												
06/15/06												
06/16/06				2								
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06												
06/21/06												
Total	2	1	4	131	92	2	3	1	239	3	6	4
	PRS	RES	RSN	SASQ	SASU	SCB	SMB	SNF	TFS	UNID	W	WHC

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKS #Meas.	BKS Length (mm)	BRB #Meas.	BRB Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GSF #Meas.	GSF Length (mm)
01/26/06			1	105.0								
01/27/06	3	110.3										
01/28/06												
01/29/06												
01/30/06	2	149.5							1	73.0		
01/31/06												
02/01/06	2	42.5	1	117.0								
02/02/06												
02/03/06	1	128.0										
02/04/06												
02/05/06												
02/06/06	1	34.0										
02/07/06												
02/08/06												
02/09/06												
02/10/06												
02/11/06												
02/12/06	1	31.0										
02/13/06												
02/14/06												
02/15/06												
02/16/06	1	153.0										
02/17/06												
02/18/06												
02/19/06												
02/20/06	1	34.0										
02/21/06	1	74.0										
02/22/06												
02/23/06												
02/24/06												
02/25/06	1	35.0										
02/26/06												
02/27/06											1	90.0
02/28/06												
03/01/06												
03/02/06	1	49.0										

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKS #Meas.	BKS Length (mm)	BRB #Meas.	BRB Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GSF #Meas.	GSF Length (mm)
03/03/06												
03/04/06												
03/05/06												
03/06/06												
03/07/06	1	138.0										
03/08/06												
03/09/06												
03/10/06	1	49.0										
03/11/06	1	45.0										
03/12/06												
03/13/06	2	86.0										
03/14/06	1	37.0										
03/15/06												
03/16/06												
03/17/06												
03/18/06												
03/19/06												
03/20/06												
03/21/06												
03/22/06												
03/23/06												
03/24/06												
03/25/06												
03/26/06												
03/27/06												
03/28/06			1	144.0								
03/29/06												
03/30/06												
03/31/06					1	232.0						
04/01/06	1	53.0										
04/02/06												
04/03/06												
04/04/06												
04/05/06			1	176.0								
04/06/06												
04/07/06												

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKS #Meas.	BKS Length (mm)	BRB #Meas.	BRB Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GSF #Meas.	GSF Length (mm)
04/08/06			1	147.0								
04/09/06			1	139.0								
04/10/06					1	219.0						
04/11/06												
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06	2	30.5										
04/23/06	4	31.5										
04/24/06	1	37.0										
04/25/06	6	37.2										
04/26/06	1	29.0										
04/27/06	5	40.2										
04/28/06	9	38.3										
04/29/06	7	34.3										
04/30/06	2	29.5										
05/01/06	1	30.0										
05/02/06	7	31.9										
05/03/06												
05/04/06	4	33.0										
05/05/06	3	27.0										
05/06/06	2	30.5										
05/07/06	1	29.0										
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06	2	32.5										
05/10/06	3	38.3										
05/11/06	1	39.0										
05/12/06	2	39.5										
05/13/06	1	30.0										

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKS #Meas.	BKS Length (mm)	BRB #Meas.	BRB Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GSF #Meas.	GSF Length (mm)
05/14/06	2	44.5										
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06	1	75										
05/18/06	8	39.6										
05/19/06	6	41.5										
05/20/06												
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06	1	180.0										
05/25/06	2	71.0							1	50.0		
05/26/06	4	38.5										
05/27/06	2	39.5										
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06	6	35.8										
06/02/06	18	39.7										
06/03/06	9	37.4					1	750.0				
06/04/06	24	40.1										
06/05/06	2	36.0										
06/06/06	4	45.0	1	35.0								
06/07/06	3	33.7										
06/08/06	4	40.0										
06/09/06												
06/10/06	2	46.0										
06/11/06	3	47.7										
06/12/06												
06/13/06	1	40.0					1	40.0				
06/14/06	2	37.5										
06/15/06	2	54.0										
06/16/06												
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	BGS #Meas.	BGS Length (mm)	BKS #Meas.	BKS Length (mm)	BRB #Meas.	BRB Length (mm)	C #Meas.	C Length (mm)	CHC #Meas.	CHC Length (mm)	GSF #Meas.	GSF Length (mm)
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06												
06/21/06												
	#Meas. BGS	Length (mm) BGS	#Meas. BKS	Length (mm) BKS	#Meas. BRB	Length (mm) BRB	#Meas. C	Length (mm) C	#Meas. CHC	Length (mm) CHC	#Meas. GSF	Length (mm) GSF

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	GSN #Meas.	GSN Length (mm)	HH #Meas.	HH Length (mm)	LMB #Meas.	LMB Length (mm)	MQK #Meas.	MQK Length (mm)	PKS #Meas.	PKS Length (mm)	PRS #Meas.	PRS Length (mm)
01/26/06												
01/27/06												
01/28/06												
01/29/06												
01/30/06												
01/31/06												
02/01/06	1	140.0										
02/02/06												
02/03/06												
02/04/06												
02/05/06							1	25.0				
02/06/06												
02/07/06												
02/08/06												
02/09/06												
02/10/06												
02/11/06							1	29.0				
02/12/06												
02/13/06												
02/14/06												
02/15/06												
02/16/06					1	119.0						
02/17/06												
02/18/06												
02/19/06												
02/20/06					1	93.0						
02/21/06												
02/22/06												
02/23/06			1	35.0								
02/24/06												
02/25/06												
02/26/06												
02/27/06												
02/28/06												
03/01/06												
03/02/06												

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	GSN #Meas.	GSN Length (mm)	HH #Meas.	HH Length (mm)	LMB #Meas.	LMB Length (mm)	MQK #Meas.	MQK Length (mm)	PKS #Meas.	PKS Length (mm)	PRS #Meas.	PRS Length (mm)
03/03/06												
03/04/06												
03/05/06												
03/06/06												
03/07/06	1	101.0										
03/08/06												
03/09/06												
03/10/06												
03/11/06												
03/12/06												
03/13/06												
03/14/06												
03/15/06												
03/16/06												
03/17/06												
03/18/06												
03/19/06												
03/20/06												
03/21/06												
03/22/06											1	50.0
03/23/06												
03/24/06												
03/25/06												
03/26/06												
03/27/06												
03/28/06							1	24.0				
03/29/06												
03/30/06												
03/31/06												
04/01/06			1	38.0								
04/02/06									1	192.0		
04/03/06												
04/04/06												
04/05/06	2	110.0	1	35.0								
04/06/06												
04/07/06												

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	GSN #Meas.	GSN Length (mm)	HH #Meas.	HH Length (mm)	LMB #Meas.	LMB Length (mm)	MQK #Meas.	MQK Length (mm)	PKS #Meas.	PKS Length (mm)	PRS #Meas.	PRS Length (mm)
04/08/06			2	31.5								
04/09/06			4	31.3								
04/10/06												
04/11/06			1	37								
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06			3	31.7							1	60.0
04/23/06			1	37.0								
04/24/06			1	38.0								
04/25/06			2	34.0								
04/26/06			3	36.7								
04/27/06												
04/28/06			3	40.7								
04/29/06			3	36.7								
04/30/06												
05/01/06												
05/02/06			3	32.3								
05/03/06							1	43.0				
05/04/06			2	31.5								
05/05/06												
05/06/06												
05/07/06												
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06												
05/10/06												
05/11/06							1	31.0				
05/12/06												
05/13/06					2	31.0						

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	GSN #Meas.	GSN Length (mm)	HH #Meas.	HH Length (mm)	LMB #Meas.	LMB Length (mm)	MQK #Meas.	MQK Length (mm)	PKS #Meas.	PKS Length (mm)	PRS #Meas.	PRS Length (mm)
05/14/06												
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06												
05/18/06					5	31.4						
05/19/06					6	31.7						
05/20/06												
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06					3	33.7						
05/25/06	1	106.0			3	37.3						
05/26/06			1	34.0	4	34.8						
05/27/06					3	37.3	1	30.0				
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06							1	35.0				
06/02/06			3	44.0	4	38.3						
06/03/06			1	41.0	3	34.0						
06/04/06			3	38.7	9	31.4						
06/05/06					3	38.0						
06/06/06					2	32.0						
06/07/06			1	42.0	2	35.0						
06/08/06			1	37.0	2	34.5	1	40.0				
06/09/06												
06/10/06			1	38.0	1	31.0						
06/11/06												
06/12/06												
06/13/06												
06/14/06												
06/15/06					1	33.0						
06/16/06												
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	GSN #Meas.	GSN Length (mm)	HH #Meas.	HH Length (mm)	LMB #Meas.	LMB Length (mm)	MQK #Meas.	MQK Length (mm)	PKS #Meas.	PKS Length (mm)	PRS #Meas.	PRS Length (mm)
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06												
06/21/06												
	#Meas. GSN	Length (mm) GSN	#Meas. HH	Length (mm) HH	#Meas. LMB	Length (mm) LMB	#Meas. MQK	Length (mm) MQK	#Meas. PKS	Length (mm) PKS	#Meas. PRS	Length (mm) PRS

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)
01/26/06												
01/27/06												
01/28/06												
01/29/06												
01/30/06												
01/31/06												
02/01/06												
02/02/06												
02/03/06												
02/04/06							1	47.0				
02/05/06												
02/06/06												
02/07/06							1	42.0				
02/08/06												
02/09/06												
02/10/06												
02/11/06					1	34.0						
02/12/06												
02/13/06												
02/14/06												
02/15/06												
02/16/06												
02/17/06												
02/18/06												
02/19/06												
02/20/06					1	40.0						
02/21/06												
02/22/06					1	37.0	1	44.0				
02/23/06												
02/24/06	1	117.0					1	66.0				
02/25/06												
02/26/06												
02/27/06												
02/28/06												
03/01/06							1	60.0				
03/02/06												

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)
03/03/06												
03/04/06							1	45.0				
03/05/06												
03/06/06												
03/07/06												
03/08/06					1	42.0						
03/09/06												
03/10/06												
03/11/06												
03/12/06												
03/13/06												
03/14/06												
03/15/06												
03/16/06							2	53.5				
03/17/06												
03/18/06												
03/19/06												
03/20/06												
03/21/06			1	153.0								
03/22/06												
03/23/06												
03/24/06												
03/25/06												
03/26/06												
03/27/06					1	33.0	3	55.7				
03/28/06							1	34.0				
03/29/06					3	36.0	1	40.0				
03/30/06					1	36.0						
03/31/06					1	42.0	2	64.0				
04/01/06												
04/02/06					2	35.5	2	38.5				
04/03/06					2	37.5						
04/04/06					1	120.0	1	46.0				
04/05/06					2	44.0						
04/06/06					3	41.0						
04/07/06			1	63.0	6	37.3	1	60.0				

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)
04/08/06			1	66.0	5	40.8	1	38.0				
04/09/06			1	74.0	20	35.5	1	37.0				
04/10/06					7	33.4						
04/11/06					5	36.2						
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06					6	35.3	3	41.3				
04/23/06					2	38.5	4	38.0				
04/24/06							1	45.0				
04/25/06					5	35.2	5	44.4				
04/26/06					4	34.5	3	39.0				
04/27/06					4	37.8						
04/28/06					2	36.5	5	49.6				
04/29/06					5	33.4	5	53.4				
04/30/06					2	34.0	4	48.3				
05/01/06							2	50.5				
05/02/06					1	38.0	5	40.4				
05/03/06							2	45.0				
05/04/06					1	33.0	1	43.0				
05/05/06												
05/06/06					1	93.0	1	63.0				
05/07/06					1	35.0						
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06												
05/10/06					1	37.0	5	54.0				
05/11/06							2	55.0				
05/12/06							1	65.0				
05/13/06							1	43.0				

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)
05/14/06					1	34.0	3	55.0				
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06												
05/18/06					1	38.0						
05/19/06					1	49.0						
05/20/06					1	42.0	1	121.0				
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06							1	82.0				
05/25/06												
05/26/06												
05/27/06									1	31.0	1	37.0
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06					2	38.0						
06/02/06							6	32.0				
06/03/06					2	43.5	4	28.3				
06/04/06					4	49.8	4	41.3			1	120.0
06/05/06					3	46.0						
06/06/06					1	63.0	1	63.0			1	39.0
06/07/06					1	65.0			1	42.0		
06/08/06					3	49.3						
06/09/06												
06/10/06					6	69.7						
06/11/06					1	60.0	1	51.0				
06/12/06												
06/13/06												
06/14/06												
06/15/06												
06/16/06					2	44.0						
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	RES #Meas.	RES Length (mm)	RSN #Meas.	RSN Length (mm)	SASQ #Meas.	SASQ Length (mm)	SASU #Meas.	SASU Length (mm)	SCB #Meas.	SCB Length (mm)	SMB #Meas.	SMB Length (mm)
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06												
06/21/06												
	#Meas. RES	Length (mm) RES	#Meas. RSN	Length (mm) RSN	#Meas. SASQ	Length (mm) SASQ	#Meas. SASU	Length (mm) SASU	#Meas. SCB	Length (mm) SCB	#Meas. SMB	Length (mm) SMB

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	SNF #Meas.	SNF Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
01/26/06										
01/27/06			3	47.0						
01/28/06			2	62.5						
01/29/06										
01/30/06			1	72.0						
01/31/06			3	41.3						
02/01/06			2	43.5						
02/02/06			2	41.5						
02/03/06			3	42.3						
02/04/06										
02/05/06			1	42.0						
02/06/06										
02/07/06			2	38.5					1	270.0
02/08/06										
02/09/06			1	40.0						
02/10/06			1	40.0						
02/11/06			3	39.3						
02/12/06										
02/13/06			1	42.0						
02/14/06										
02/15/06										
02/16/06			1	29.0						
02/17/06										
02/18/06										
02/19/06										
02/20/06										
02/21/06										
02/22/06							1	120.0		
02/23/06									1	65.0
02/24/06										
02/25/06										
02/26/06										
02/27/06										
02/28/06										
03/01/06										
03/02/06										

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	SNF #Meas.	SNF Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
03/03/06			19	63.4						
03/04/06			20	58.9						
03/05/06			20	63.4						
03/06/06			20	67.3						
03/07/06			20	67.7						
03/08/06			20	73.2						
03/09/06			10	63.5						
03/10/06			20	64.6						
03/11/06			10	64.5						
03/12/06										
03/13/06										
03/14/06										
03/15/06			1	72.0						
03/16/06			3	61.7						
03/17/06										
03/18/06										
03/19/06										
03/20/06										
03/21/06										
03/22/06										
03/23/06										
03/24/06										
03/25/06										
03/26/06			1	70.0						
03/27/06										
03/28/06										
03/29/06										
03/30/06										
03/31/06										
04/01/06										
04/02/06			1	38.0						
04/03/06										
04/04/06										
04/05/06			3	60.3						
04/06/06										
04/07/06			1	63.0						

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	SNF #Meas.	SNF Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
04/08/06			1	64.0						
04/09/06										
04/10/06										
04/11/06										
04/12/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/13/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/14/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/20/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
04/22/06										
04/23/06										
04/24/06										
04/25/06										
04/26/06										
04/27/06									1	62.0
04/28/06										
04/29/06										
04/30/06										
05/01/06					2	30.0				
05/02/06										
05/03/06										
05/04/06										
05/05/06										
05/06/06										
05/07/06										
05/08/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/09/06										
05/10/06										
05/11/06										
05/12/06										
05/13/06										

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	SNF #Meas.	SNF Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
05/14/06							1	68		
05/15/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/16/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/17/06	1	22.0								
05/18/06										
05/19/06										
05/20/06										
05/21/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/22/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/23/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/24/06										
05/25/06										
05/26/06										
05/27/06										
05/28/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/29/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/30/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
05/31/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/01/06										
06/02/06										
06/03/06										
06/04/06										
06/05/06										
06/06/06							2	48.0		
06/07/06							1	56.0		
06/08/06										
06/09/06							1	75.0		
06/10/06									1	64.0
06/11/06										
06/12/06										
06/13/06										
06/14/06										
06/15/06										
06/16/06										
06/17/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/18/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Number Measured and Mean Lengths for Non-salmonids Captured in the Waterford Trap during 2006.

Date	SNF #Meas.	SNF Length (mm)	TFS #Meas.	TFS Length (mm)	UNID #Meas.	UNID Length (mm)	W #Meas.	W Length (mm)	WHC #Meas.	WHC Length (mm)
06/19/06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
06/20/06										
06/21/06										
	#Meas. SNF	Length (mm) SNF	#Meas. TFS	Length (mm) TFS	#Meas. UNID	Length (mm) UNID	#Meas. W	Length (mm) W	#Meas. WHC	Length (mm) WHC

Waterford 2006 Environmental Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Dissolved Oxygen (mg/L)	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-Jan-06	04:30 PM	-	-	-	-	-	-		-	CLR	-	4	0
26-Jan-06	10:45 AM	8,011	7.9	8.1	5.7	2.67	2.42	10.31	50.1	CLD	Medium	1	-
27-Jan-06	10:15 AM	10,545	7.8	7.8	5.6	3.36	2.61	10.54	49.6	RAN	Medium	1	-
28-Jan-06	11:30 AM	22,185	7.9	7.6	5.4	2.51	2.53	10.48	50.0	CLD	Heavy	1	-
29-Jan-06	10:30 AM	10,087	7.7	7.8	5.9	2.77	2.70	10.26	50.6	CLD	Medium	1	-
30-Jan-06	10:15 AM	11,269	7.4	7.8	6.0	2.47	2.75	10.40	50.3	CLD	Heavy	1	-
31-Jan-06	11:00 AM	11,163	7.9	7.2	5.7	3.38	2.84	10.58	50.0	CLD	Medium	2	-
31-Jan-06	06:30 PM	3,466	-	-	-	-	2.85	-	50.0	NIT	Light	1	-
31-Jan-06	08:00 PM	4,174	-	-	-	-	2.85	-	50.0	NIT	Light	1	-
31-Jan-06	09:00 PM	4,631	-	-	-	-	2.85	-	-	NIT	Light	1	-
01-Feb-06	10:30 AM	11,003	7.0	7.6	6.1	2.66	2.79	10.47	50.4	CLD	Medium	1	-
02-Feb-06	09:30 AM	10,250	7.7	8.0	4.8	2.93	2.55	10.31	51.0	CLD	Medium	1	-
03-Feb-06	08:45 AM	10,759	7.9	7.8	4.5	3.14	2.36	10.44	50.8	FOG	Medium	1	-
04-Feb-06	10:15 AM	11,643	8.2	7.6	5.7	3.14	2.45	10.40	50.8	CLD	Medium	1	-
05-Feb-06	11:45 AM	11,215	8.2	7.6	5.8	3.62	2.35	10.56	49.6	CLR	Medium	1	-
06-Feb-06	09:45 AM	10,045	8.1	7.9	5.0	2.64	2.42	10.45	49.7	FOG	Medium	1	-
07-Feb-06	08:45 AM	11,086	7.6	7.6	4.7	2.61	2.32	10.66	49.7	CLR	Light	1	-
08-Feb-06	11:00 AM	11,997	8.1	7.5	5.9	2.56	2.45	10.68	50.1	CLR	Medium	1	-
08-Feb-06	06:15 PM	3,330	-	-	-	-	2.41	-	-	NIT	Medium	1	-
08-Feb-06	08:00 PM	4,151	-	-	-	-	2.41	-	-	NIT	Light	1	-
08-Feb-06	09:00 PM	4,652	-	-	-	-	2.41	-	-	NIT	Light	1	-
09-Feb-06	10:15 AM	10,775	7.3	7.7	5.8	2.26	2.42	10.80	50.2	CLR	Light	1	-
10-Feb-06	10:15 AM	11,090	7.8	7.4	5.9	2.29	2.50	10.70	50.1	CLR	Medium	1	-
10-Feb-06	06:30 PM	3,824	-	-	-	-	2.55	-	51.5	NIT	Light	1	-
10-Feb-06	08:15 PM	4,650	-	-	-	-	2.55	-	51.5	NIT	Light	1	-
10-Feb-06	09:15 PM	5,110	-	-	-	-	2.55	-	51.5	NIT	Light	1	-
11-Feb-06	10:30 AM	11,020	7.9	7.8	5.1	2.09	2.50	-	50.0	CLR	Light	2	-
12-Feb-06	11:15 AM	11,585	7.6	7.6	5.4	2.03	2.50	10.96	50.5	CLR	Light	2	-
13-Feb-06	12:00 PM	11,517	7.8	7.9	5.8	1.91	2.47	11.21	51.2	CLR	Medium	1	-
14-Feb-06	12:00 PM	11,020	8.2	7.7	5.6	1.66	2.48	10.92	51.0	CLR	Medium	1	-
15-Feb-06	11:45 AM	11,073	7.8	7.6	5.2	2.00	2.44	10.98	49.9	CLR	Medium	1	-
16-Feb-06	08:45 AM	9,652	7.5	-	10.8	1.79	3.45	-	48.0	CLR	Light	1	-
17-Feb-06	10:15 AM	11,686	7.6	8.0	5.6	2.18	2.47	10.72	49.2	CLD	Medium	1	-
17-Feb-06	06:00 PM	3,421	-	-	-	-	2.46	-	-	NIT	Light	1	-
17-Feb-06	08:00 PM	4,412	-	-	-	-	2.46	-	-	NIT	Light	1	-
17-Feb-06	09:15 PM	4,867	-	-	-	-	2.46	-	-	NIT	Light	1	-

Waterford 2006 Environmental Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Dissolved Oxygen (mg/L)	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
18-Feb-06	10:00 AM	10,270	7.9	8.4	4.7	1.86	2.10	10.61	49.5	CLD	Light	1	-
19-Feb-06	11:30 AM	11,064	8.4	8.3	4.7	1.77	1.58	10.58	49.8	CLD	Light	1	-
20-Feb-06	10:45 AM	10,000	8.8	8.3	5.5	2.41	1.27	11.11	49.1	CLR	Light	1	-
21-Feb-06	10:15 AM	9,603	8.7	8.6	3.6	1.85	0.98	10.76	48.9	CLR	Light	1	-
22-Feb-06	09:15 AM	9,189	8.9	8.5	5.0	1.57	0.88	10.67	49.1	CLR	Medium	3	-
23-Feb-06	02:15 PM	11,875	9.4	9.0	4.9	1.42	0.79	11.53	51.4	CLR	Light	1	-
24-Feb-06	11:00 AM	8,323	9.0	9.0	5.2	1.60	0.76	10.88	50.5	CLR	Medium	1	-
25-Feb-06	11:15 AM	-	8.0	8.1	4.9	2.61	0.48	10.99	50.7	CLR	Medium	1	-
26-Feb-06	11:15 AM	10,433	8.1	8.3	4.9	1.57	2.00	10.88	50.7	CLD	Heavy	1	-
27-Feb-06	10:15 AM	9,954	8.6	8.2	4.6	2.14	1.98	10.36	51.1	RAN	Light	1	-
28-Feb-06	10:15 AM	10,438	9.1	7.7	5.6	2.11	2.44	10.52	51.9	CLR	Medium	2	-
01-Mar-06	10:00 AM	8,587	-	9.9	4.5	2.12	3.01	10.67	50.2	CLR	Heavy	3	-
02-Mar-06	10:15 AM	7,332	9.8	7.9	3.9	2.04	3.00	10.59	50.6	CLD	Light	1	-
03-Mar-06	10:30 AM	9,885	9.1	7.9	5.4	2.28	5.00	10.52	50.6	CLD	Heavy	3	-
04-Mar-06	01:00 AM	6,292	-	-	-	-	5.29	-	49.0	NIT	Heavy	2	-
04-Mar-06	09:45 AM	3,972	7.4	7.3	5.8	3.92	5.15	10.92	49.6	CLR	Light	1	-
05-Mar-06	10:30 AM	11,308	7.4	7.4	5.7	1.76	5.24	10.84	50.4	CLD	Heavy	2	-
06-Mar-06	10:45 AM	11,139	7.9	7.5	6.1	2.65	5.20	10.68	50.8	CLD	Heavy	1	-
07-Mar-06	10:30 AM	21,931	7.5	7.8	6.0	1.93	5.29	10.82	50.7	RAN	Medium	1	-
08-Mar-06	08:45 AM	10,464	7.3	7.4	6.4	1.53	5.38	10.84	49.7	CLR	Medium	1	-
09-Mar-06	08:45 AM	11,022	8.4	7.9	6.2	1.50	5.38	10.67	50.6	CLD	Medium	2	-
10-Mar-06	08:45 AM	11,160	8.0	7.7	5.8	2.12	4.92	10.61	49.7	CLD	Medium	1	-
11-Mar-06	08:45 AM	10,925	7.7	8.1	5.5	1.80	5.28	10.49	49.4	CLD	Medium	1	-
12-Mar-06	09:00 AM	10,764	8.5	7.7	5.5	1.78	3.22	10.74	49.0	RAN	Medium	1	-
13-Mar-06	08:30 AM	10,234	8.2	8.2	5.7	2.05	2.78	10.64	49.6	CLR	Medium	1	-
14-Mar-06	08:30 AM	10,781	8.5	8.2	4.8	1.95	3.80	10.64	49.9	RAN	Medium	1	-
15-Mar-06	09:15 AM	8,432	-	8.0	5.8	2.28	4.22	10.72	49.6	CLR	Heavy	3	-
16-Mar-06	08:30 AM	10,330	8.1	7.2	5.1	1.73	4.02	10.65	49.9	CLD	Medium	1	-
17-Mar-06	08:30 AM	10,745	8.0	8.1	5.2	1.53	3.18	10.61	50.3	CLD	Medium	1	-
18-Mar-06	08:45 AM	10,726	8.1	8.1	5.5	2.71	3.34	-	49.0	CLR	Medium	1	-
19-Mar-06	08:15 AM	-	8.2	7.9	5.6	2.43	3.24	10.58	49.4	CLR	Medium	1	-
20-Mar-06	08:30 AM	11,017	7.5	7.8	5.9	1.74	4.42	10.52	49.8	CLD	Heavy	1	-
21-Mar-06	08:30 AM	10,733	8.1	8.1	5.0	2.02	3.90	11.71	49.4	CLR	Light	1	-
22-Mar-06	08:30 AM	10,950	7.4	7.4	5.6	2.03	3.70	11.70	49.4	CLR	Light	1	-
23-Mar-06	08:15 AM	10,779	7.7	8.3	5.3	1.70	3.55	11.46	49.9	CLR	Light	1	-
24-Mar-06	08:15 AM	10,824	8.0	7.9	5.6	1.89	3.70	11.50	50.7	CLD	Light	1	-

Waterford 2006 Environmental Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Dissolved Oxygen (mg/L)	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
25-Mar-06	08:30 AM	11,277	7.5	7.6	6.1	1.96	4.68	11.48	50.9	RAN	Medium	1	-
26-Mar-06	08:30 AM	10,942	7.9	7.6	6.4	2.54	4.86	-	51.0	CLR	Heavy	1	-
27-Mar-06	08:30 AM	10,976	7.5	7.7	5.6	1.84	4.70	11.50	49.6	CLR	Heavy	1	-
28-Mar-06	08:30 AM	-	8.4	7.6	5.0	3.44	5.90	-	50.5	CLD	VeryHeavy	2	-
28-Mar-06	06:45 PM	4,820	-	-	-	-	6.21	-	-	RAN	Heavy	1	-
29-Mar-06	09:00 AM	11,196	8.0	7.8	5.6	5.02	4.82	11.29	49.7	RAN	Medium	1	-
30-Mar-06	08:30 AM	-	8.2	7.6	6.2	2.64	6.17	-	48.0	CLD	Heavy	2	-
30-Mar-06	06:45 PM	4,865	-	-	-	-	6.20	-	-	NIT	Medium	1	-
31-Mar-06	08:45 AM	9,797	-	7.7	6.0	2.23	6.60	11.47	49.9	CLD	Heavy	3	-
01-Apr-06	08:45 AM	6,627	-	8.0	4.7	4.49	-	-	48.0	CLD	Heavy	3	-
01-Apr-06	02:15 PM	2,452	-	-	-	-	-	-	-	CLR	Medium	3	-
02-Apr-06	09:45 AM	7,092	7.7	8.0	-	2.47	-	-	50.5	CLD	Heavy	2	-
03-Apr-06	12:00 PM	2,742	-	-	-	-	-	-	-	CLD	Heavy	3	-
04-Apr-06	10:45 AM	6,561	10.7	10.4	4.8	15.90	-	10.90	52.0	CLD	Medium	1	-
04-Apr-06	07:15 PM	2,945	-	-	-	-	5.49	-	-	NIT	Medium	1	-
05-Apr-06	12:00 PM	9,210	9.6	10.5	4.4	10.90	6.11	11.07	51.4	CLD	Medium	1	-
05-Apr-06	08:30 PM	3,195	-	-	-	-	-	0.00	51.0	NIT	Light	1	-
06-Apr-06	10:30 AM	8,500	10.1	9.0	4.5	3.94	3.80	11.62	50.2	CLR	Medium	1	-
06-Apr-06	05:45 PM	2,820	-	-	-	-	3.75	-	52.0	NIT	Light	1	-
07-Apr-06	11:00 AM	9,657	9.4	9.8	4.8	2.13	4.60	11.95	50.6	CLR	Heavy	1	-
07-Apr-06	07:00 PM	3,028	-	-	-	-	4.90	-	51.5	NIT	Medium	1	-
08-Apr-06	08:45 AM	8,275	8.8	8.1	4.4	3.03	5.40	11.51	50.4	CLR	Heavy	1	-
08-Apr-06	07:00 PM	3,942	-	-	-	-	5.50	-	-	NIT	Heavy	1	-
09-Apr-06	08:30 AM	6,248	9.8	8.8	5.3	1.99	5.70	11.61	50.3	CLD	Medium	3	-
09-Apr-06	06:30 PM	3,755	-	-	-	-	5.70	-	52.0	NIT	Medium	1	-
10-Apr-06	09:15 AM	9,373	9.3	10.7	5.1	2.63	5.66	11.57	50.4	CLD	Medium	1	-
10-Apr-06	06:45 PM	3,558	-	-	-	-	5.70	-	52.0	NIT	Light	1	-
11-Apr-06	09:15 AM	5,378	7.8	8.3	4.6	2.10	5.72	11.74	50.5	RAN	Light	1	-
11-Apr-06	02:00 PM	-	-	-	-	-	-	-	-	-	-	4	-
12-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
13-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
14-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
15-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
17-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Waterford 2006 Environmental Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Dissolved Oxygen (mg/L)	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
19-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
20-Apr-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
21-Apr-06	01:00 PM	-	-	-	4.4	-	4.09	-	-	CLD	-	4	0
22-Apr-06	08:45 AM	4,604	14.3	12.3	2.9	2.27	4.22	-	49.0	CLD	Light	1	-
23-Apr-06	08:30 AM	5,644	25.5	16.7	2.8	2.42	4.28	-	50.0	CLD	Light	1	-
24-Apr-06	08:30 AM	6,005	17.6	14.3	3.4	2.82	4.25	-	49.0	CLD	Light	1	-
25-Apr-06	08:30 AM	6,160	15.3	14.4	3.0	2.38	4.50	-	49.0	CLD	Light	1	-
26-Apr-06	08:15 AM	6,667	16.5	17.6	4.2	2.45	4.52	-	49.0	CLR	Light	1	-
27-Apr-06	08:15 AM	6,905	16.3	11.0	2.9	2.78	4.52	-	49.0	CLD	Light	1	-
28-Apr-06	08:15 AM	6,731	12.5	12.3	3.0	2.71	4.58	-	50.0	CLR	Light	1	-
29-Apr-06	08:45 AM	-	18.3	14.3	3.9	2.85	4.56	-	50.0	CLR	Light	1	-
30-Apr-06	08:30 AM	6,315	15.7	15.4	3.3	2.54	4.55	-	49.0	CLR	Light	1	-
01-May-06	08:15 AM	5,862	14.3	14.4	2.8	-	4.58	-	50.0	CLR	Light	1	-
02-May-06	08:45 AM	5,562	16.0	16.3	2.9	2.04	4.54	11.77	50.7	CLR	Light	1	-
03-May-06	12:30 PM	5,615	18.4	19.1	3.0	1.80	4.50	12.34	52.2	CLR	Light	1	-
04-May-06	01:00 PM	4,437	21.6	20.3	3.4	-	4.55	12.69	52.3	CLD	Light	1	-
05-May-06	09:00 AM	8,016	16.5	17.6	2.1	1.79	4.60	-	49.0	CLR	Light	2	-
06-May-06	11:00 AM	5,041	16.1	19.3	3.7	1.35	4.58	11.98	51.5	CLR	Light	1	-
06-May-06	08:00 PM	1,813	-	-	-	-	4.55	12.66	54.3	NIT	Light	1	-
06-May-06	10:00 PM	2,211	-	-	-	-	4.55	-	54.3	NIT	Light	1	-
07-May-06	11:00 AM	4,779	18.0	18.2	1.9	2.12	4.64	12.06	51.7	CLR	Light	1	3
08-May-06	01:45 PM	-	-	-	-	-	4.50	-	-	CLR	-	4	0
09-May-06	01:00 PM	5,103	14.6	19.7	3.4	1.93	4.32	12.26	52.9	CLR	Light	1	-
10-May-06	02:30 PM	5,639	14.7	12.3	2.8	1.78	4.38	-	54.0	CLR	Light	1	-
11-May-06	01:00 PM	4,945	20.7	17.6	2.9	1.71	4.28	12.24	53.2	CLR	Light	1	-
12-May-06	01:15 PM	5,378	13.0	14.8	3.7	1.57	4.14	12.55	53.6	CLR	Light	1	-
13-May-06	12:30 PM	5,197	21.6	18.8	3.3	1.31	4.28	12.24	53.1	CLR	Light	1	-
13-May-06	07:45 PM	1,696	-	-	-	-	4.46	-	-	NIT	Light	1	-
13-May-06	11:00 PM	2,464	-	-	-	-	4.46	-	-	NIT	Light	1	-
14-May-06	08:45 AM	4,661	12.9	-	2.5	1.27	4.45	-	50.0	CLR	Light	1	3
15-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
16-May-06	05:15 PM	-	-	-	-	-	4.25	-	-	CLR	-	4	0
17-May-06	08:15 AM	3,331	18.6	8.2	2.0	1.67	4.23	11.53	52.3	CLR	Light	1	-
17-May-06	08:15 PM	4,648	-	-	-	-	4.20	-	-	NIT	Light	1	-
17-May-06	11:15 PM	5,889	-	-	-	-	4.20	-	54.8	NIT	Light	1	-
18-May-06	12:15 AM	6,232	-	-	-	-	4.20	-	54.8	NIT	Light	1	-

Waterford 2006 Environmental Data

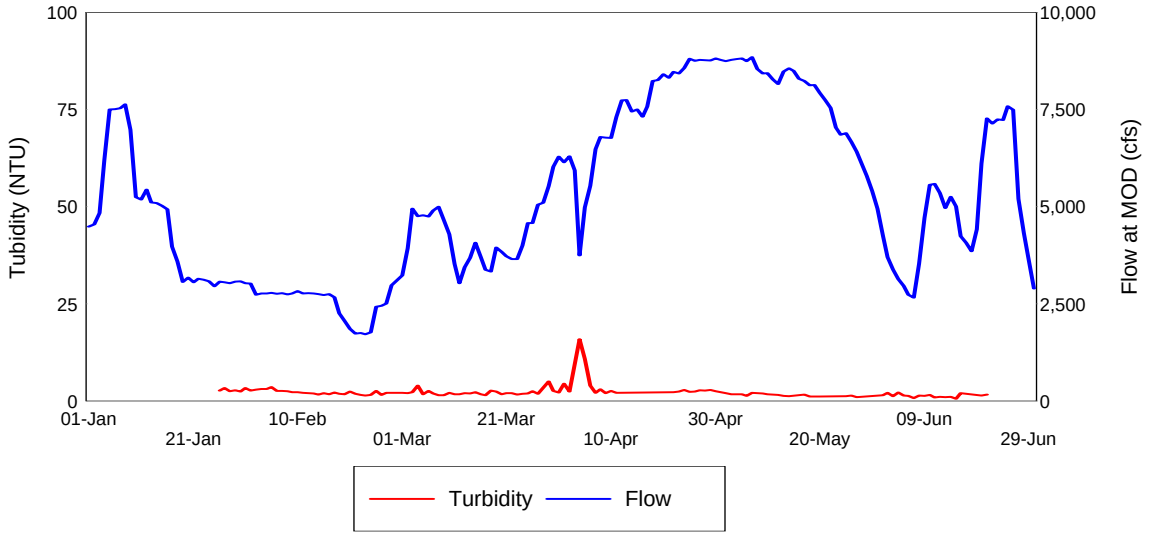
Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Dissolved Oxygen (mg/L)	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
18-May-06	11:45 AM	10,574	10.5	9.8	4.8	1.16	4.16	11.85	53.4	CLR	Light	1	-
19-May-06	11:00 AM	8,901	9.6	8.9	4.8	1.14	4.10	11.63	52.6	CLR	Light	1	-
20-May-06	01:15 PM	5,888	16.4	-	2.1	1.16	4.02	11.75	53.8	CLR	Light	2	3
21-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
22-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-May-06	02:45 PM	-	-	-	-	-	3.50	-	-	CLR	-	4	0
24-May-06	08:30 PM	10,797	10.6	10.6	4.0	1.23	3.30	12.04	56.0	NIT	Medium	1	-
25-May-06	04:15 PM	7,205	9.2	9.5	-	1.27	3.35	-	56.0	CLR	Light	1	-
26-May-06	08:30 AM	5,944	9.8	9.9	4.3	1.41	3.14	11.48	52.0	CLR	Light	1	-
26-May-06	08:00 PM	4,033	-	-	-	-	3.16	-	55.4	NIT	Light	1	-
27-May-06	12:00 AM	5,466	-	-	-	-	3.02	-	-	NIT	Light	1	-
27-May-06	01:00 AM	5,883	-	-	-	-	3.00	-	-	NIT	Light	1	-
27-May-06	11:30 AM	9,471	10.3	-	4.2	1.03	2.90	11.63	52.7	CLR	Light	1	3
28-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
29-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
30-May-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
31-May-06	01:45 PM	-	-	-	-	-	1.75	-	-	CLR	-	4	0
01-Jun-06	12:15 PM	6,290	13.1	11.9	3.5	1.48	1.38	-	55.0	CLR	Heavy	1	-
02-Jun-06	09:15 AM	5,079	16.3	16.9	-	2.10	0.38	-	54.0	CLR	Heavy	1	-
03-Jun-06	09:30 AM	5,215	16.1	14.7	3.2	1.30	1.12	10.94	54.4	CLR	Medium	3	-
03-Jun-06	08:15 PM	2,120	-	-	-	-	1.18	-	57.0	NIT	Heavy	2	-
03-Jun-06	11:30 PM	2,820	-	-	-	-	1.18	-	57.0	NIT	Light	1	-
04-Jun-06	11:00 AM	4,585	-	17.3	2.7	2.19	0.90	11.02	55.1	CLR	Medium	3	-
05-Jun-06	12:15 PM	4,755	18.9	18.6	2.5	1.47	0.71	11.18	55.4	CLR	Heavy	2	-
06-Jun-06	01:00 PM	4,477	21.8	20.7	2.4	1.37	0.52	11.29	55.8	CLR	Heavy	2	-
07-Jun-06	12:30 PM	4,067	20.7	21.9	1.7	0.76	0.28	-	56.0	CLR	Medium	1	-
08-Jun-06	03:00 PM	4,638	19.9	17.5	3.0	1.47	0.64	-	58.0	CLR	Heavy	1	-
09-Jun-06	09:00 AM	711	-	13.1	3.9	1.34	1.88	11.04	53.0	CLR	Light	3	-
09-Jun-06	08:45 PM	2,972	-	-	-	-	1.98	-	-	NIT	Heavy	3	-
09-Jun-06	11:30 PM	665	-	-	-	-	2.26	-	-	NIT	Medium	3	-
10-Jun-06	02:45 PM	4,759	14.0	12.1	3.9	1.57	2.82	11.55	55.7	CLR	Heavy	2	-
11-Jun-06	02:15 PM	7,153	12.9	11.3	4.4	0.93	2.92	11.54	55.4	CLR	Heavy	2	-
12-Jun-06	03:15 PM	7,925	11.4	11.8	4.0	1.10	2.94	11.68	56.0	CLD	Heavy	2	-
13-Jun-06	02:30 PM	6,784	12.9	13.2	3.8	1.02	2.34	11.57	55.1	CLD	Heavy	1	-
14-Jun-06	10:30 AM	2,695	12.6	11.8	3.5	1.10	2.64	-	52.0	CLR	Heavy	1	-
15-Jun-06	10:30 AM	7,047	11.6	12.1	3.5	0.59	2.66	11.30	53.9	CLR	Medium	1	-

Waterford 2006 Environmental Data

Date	Time Trap Checked	Revolutions	Time/ Rev Before	Time/ Rev After	Water Velocity	Turbidity	Stream Gauge	Dissolved Oxygen (mg/L)	Water Temp	Weather Code	Debris Level	Condition Code	Gear Status
15-Jun-06	09:00 PM	3,076	-	-	-	-	2.55	-	-	NIT	Medium	1	-
16-Jun-06	12:15 AM	3,932	-	-	-	-	2.34	-	-	NIT	Light	1	-
16-Jun-06	12:30 PM	6,983	17.0	-	3.7	2.03	1.70	11.26	55.7	CLR	Medium	1	3
17-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
18-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
19-Jun-06	12:00 PM	-	-	-	-	-	1.40	-	-	CLR	-	4	0
20-Jun-06	12:30 PM	5,980	13.8	11.8	3.8	1.46	2.48	11.28	55.0	CLR	Heavy	3	-
21-Jun-06	12:00 PM	5,678	-	-	-	1.67	3.90	11.55	54.9	CLR	Heavy	3	3
22-Jun-06	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
23-Jun-06	11:30 AM	-	-	-	-	-	-	-	-	-	-	4	-

2006 River Flow

and Turbidity at Waterford



Tuolumne River Rotary Screw Trapping at Waterford - 2006

Date	Julian Week	2006 Number Captured	2006 Mean Length (mm)	2006 Mean Weight (g)	2006 LaGrange River Flow (cfs)	2006 Turbidity (NTU's)	2006 Average River Temp. (F)	2006 Velocity ft/s
01-Jan	1	-	-	-	4,485	-	52.05	-
02-Jan	1	-	-	-	4,544	-	52.70	-
03-Jan	1	-	-	-	4,839	-	52.24	-
04-Jan	1	-	-	-	6,207	-	52.26	-
05-Jan	1	-	-	-	7,497	-	51.48	-
06-Jan	1	-	-	-	7,508	-	51.64	-
07-Jan	1	-	-	-	7,535	-	51.84	-
08-Jan	2	-	-	-	7,637	-	51.35	-
09-Jan	2	-	-	-	6,980	-	51.27	-
10-Jan	2	-	-	-	5,244	-	51.01	-
11-Jan	2	-	-	-	5,182	-	51.04	-
12-Jan	2	-	-	-	5,435	-	50.85	-
13-Jan	2	-	-	-	5,112	-	51.16	-
14-Jan	2	-	-	-	5,095	-	51.08	-
15-Jan	3	-	-	-	5,023	-	50.51	-
16-Jan	3	-	-	-	4,936	-	50.33	-
17-Jan	3	-	-	-	3,971	-	50.67	-
18-Jan	3	-	-	-	3,586	-	50.78	-
19-Jan	3	-	-	-	3,064	-	50.41	-
20-Jan	3	-	-	-	3,174	-	50.19	-
21-Jan	3	-	-	-	3,058	-	50.31	-
22-Jan	4	-	-	-	3,152	-	50.32	-
23-Jan	4	-	-	-	3,123	-	50.05	-
24-Jan	4	-	-	-	3,078	-	50.26	-
25-Jan	4	-	-	-	2,957	-	50.18	-
26-Jan	4	216	35.6	-	3,071	2.67	50.31	5.65
27-Jan	4	225	35.4	-	3,056	3.36	50.17	5.62
28-Jan	4	288	35.1	-	3,034	2.51	50.32	5.35
29-Jan	5	261	35.3	-	3,075	2.77	50.93	5.92
30-Jan	5	250	35.4	-	3,080	2.47	50.65	5.99
31-Jan	5	348	35.6	-	3,029	3.38	50.40	5.65
01-Feb	5	165	34.3	-	3,021	2.66	50.75	6.10
02-Feb	5	204	35.8	-	2,735	2.93	51.17	4.80
03-Feb	5	295	35.5	-	2,773	3.14	50.94	4.50
04-Feb	5	195	35.4	-	2,771	3.14	50.75	5.67
05-Feb	6	366	34.6	-	2,782	3.62	50.24	5.75
06-Feb	6	310	35.2	0.4	2,760	2.64	50.40	5.01
07-Feb	6	251	34.7	-	2,774	2.61	50.47	4.66
08-Feb	6	397	34.5	-	2,740	2.56	50.56	5.92
09-Feb	6	179	36.1	9.9	2,770	2.26	50.62	5.80
10-Feb	6	245	37.2	3.3	2,827	2.29	50.70	5.85
11-Feb	6	248	35.5	3.7	2,768	2.09	50.80	5.14
12-Feb	7	248	34.3	-	2,774	2.03	50.63	5.43
13-Feb	7	137	35.4	-	2,770	1.91	50.98	5.83
14-Feb	7	329	34.8	0.3	2,753	1.66	50.73	5.63
15-Feb	7	197	35.1	-	2,730	2.00	49.89	5.18
16-Feb	7	178	35.1	4.0	2,752	1.79	49.54	10.80
17-Feb	7	57	33.6	-	2,668	2.18	49.29	5.55
18-Feb	7	65	34.1	-	2,252	1.86	49.96	4.66

Tuolumne River Rotary Screw Trapping at Waterford - 2006

Date	Julian Week	2006 Number Captured	2006 Mean Length (mm)	2006 Mean Weight (g)	2006 LaGrange River Flow (cfs)	2006 Turbidity (NTU's)	2006 Average River Temp. (F)	2006 Velocity ft/s
19-Feb	8	45	36.6	-	2,061	1.77	49.65	4.68
20-Feb	8	103	39.4	0.7	1,864	2.41	49.76	5.46
21-Feb	8	89	41.0	4.6	1,738	1.85	49.85	3.59
22-Feb	8	83	40.1	3.5	1,749	1.57	50.10	4.97
23-Feb	8	82	41.3	6.4	1,718	1.42	50.49	4.91
24-Feb	8	121	38.8	5.7	1,767	1.60	50.71	5.15
25-Feb	8	95	39.0	5.9	2,425	2.61	50.83	4.87
26-Feb	9	158	34.6	-	2,449	1.57	50.23	4.85
27-Feb	9	37	35.1	-	2,509	2.14	50.81	4.56
28-Feb	9	64	38.5	0.9	2,977	2.11	51.41	5.63
29-Feb	9	**x**	**x**	**x**	**x**	**x**	**x**	**x**
01-Mar	9	392	35.8	9.6	3,232	2.12	50.68	4.48
02-Mar	9	116	34.2	-	3,928	2.04	50.44	3.90
03-Mar	9	105	35.8	-	4,948	2.28	50.24	5.40
04-Mar	9	122	35.9	-	4,759	3.92	50.18	5.75
05-Mar	10	44	38.1	3.5	4,783	1.76	50.15	5.72
06-Mar	10	56	35.3	0.4	4,747	2.65	50.87	6.10
07-Mar	10	68	35.4	-	4,900	1.93	50.44	6.01
08-Mar	10	112	38.8	0.4	4,998	1.53	50.39	6.35
09-Mar	10	44	37.4	1.0	4,658	1.50	50.43	6.15
10-Mar	10	104	38.5	3.1	4,297	2.12	50.03	5.75
11-Mar	10	79	37.3	6.1	3,526	1.80	49.42	5.47
12-Mar	11	98	40.0	5.2	3,029	1.78	49.49	5.51
13-Mar	11	33	42.4	1.2	3,443	2.05	50.28	5.70
14-Mar	11	43	38.8	-	3,685	1.95	49.86	4.77
15-Mar	11	75	40.0	0.9	4,075	2.28	50.36	5.84
16-Mar	11	47	39.6	3.6	3,700	1.73	50.42	5.08
17-Mar	11	49	41.0	3.2	3,375	1.53	50.16	5.22
18-Mar	11	92	42.0	-	3,335	2.71	50.32	5.50
19-Mar	12	76	47.8	-	3,951	2.43	50.25	5.57
20-Mar	12	34	44.6	1.4	3,838	1.74	49.45	5.85
21-Mar	12	13	45.5	1.3	3,731	2.02	50.23	4.97
22-Mar	12	32	46.2	4.1	3,654	2.03	50.21	5.60
23-Mar	12	13	68.5	-	3,654	1.70	50.72	5.25
24-Mar	12	20	54.4	-	4,002	1.89	50.75	5.60
25-Mar	12	22	44.3	-	4,578	1.96	50.46	6.09
26-Mar	13	32	47.5	4.5	4,576	2.54	50.38	6.36
27-Mar	13	13	59.8	2.9	5,052	1.84	50.14	5.60
28-Mar	13	9	51.9	-	5,097	3.44	50.06	5.00
29-Mar	13	11	51.4	2.4	5,529	5.02	49.94	5.61
30-Mar	13	14	58.2	3.0	6,030	2.64	49.99	6.15
31-Mar	13	13	56.7	1.5	6,292	2.23	50.10	6.01
01-Apr	13	2	72.0	-	6,143	4.49	50.43	4.74
02-Apr	14	13	54.7	1.8	6,297	2.47	50.10	-
03-Apr	14	2	54.5	0.4	5,933	-	50.85	-
04-Apr	14	4	70.8	5.5	3,743	15.90	51.69	4.84
05-Apr	14	19	61.0	2.8	4,986	10.90	50.64	4.35
06-Apr	14	17	68.6	4.5	5,541	3.94	50.49	4.50
07-Apr	14	15	78.9	6.0	6,481	2.13	50.68	4.80

Tuolumne River Rotary Screw Trapping at Waterford - 2006

Date	Julian Week	2006 Number Captured	2006 Mean Length (mm)	2006 Mean Weight (g)	2006 LaGrange River Flow (cfs)	2006 Turbidity (NTU's)	2006 Average River Temp. (F)	2006 Velocity ft/s
08-Apr	14	11	71.7	4.4	6,789	3.03	50.70	4.35
09-Apr	15	7	69.0	3.9	6,777	1.99	50.20	5.32
10-Apr	15	6	76.2	4.9	6,771	2.63	50.30	5.10
11-Apr	15	3	81.0	6.2	7,306	2.10	50.16	4.63
12-Apr	15	ns	ns	ns	7,735	ns	50.31	ns
13-Apr	15	ns	ns	ns	7,747	ns	50.89	ns
14-Apr	15	ns	ns	ns	7,449	ns	50.61	ns
15-Apr	15	ns	ns	ns	7,502	ns	50.58	ns
16-Apr	16	ns	ns	ns	7,313	ns	49.85	ns
17-Apr	16	ns	ns	ns	7,579	ns	50.36	ns
18-Apr	16	ns	ns	ns	8,233	ns	50.44	ns
19-Apr	16	ns	ns	ns	8,261	ns	50.69	ns
20-Apr	16	ns	ns	ns	8,412	ns	50.71	ns
21-Apr	16	ns	ns	ns	8,315	ns	51.01	4.44
22-Apr	16	0	-	-	8,465	2.27	50.22	2.88
23-Apr	17	0	-	-	8,427	2.42	50.16	2.75
24-Apr	17	1	89.0	7.9	8,573	2.82	50.84	3.41
25-Apr	17	0	-	-	8,805	2.38	50.87	3.00
26-Apr	17	1	64.0	2.9	8,751	2.45	51.04	4.21
27-Apr	17	2	91.5	8.8	8,776	2.78	51.19	2.90
28-Apr	17	0	-	-	8,774	2.71	51.50	3.00
29-Apr	17	1	96.0	9.7	8,764	2.85	51.71	3.91
30-Apr	18	1	95.0	9.8	8,812	2.54	51.82	3.25
01-May	18	3	92.7	9.1	8,776	-	51.78	2.77
02-May	18	1	110.0	16.1	8,746	2.04	51.76	2.89
03-May	18	1	87.0	8.5	8,782	1.80	51.72	2.95
04-May	18	2	89.5	7.8	8,793	-	51.43	3.41
05-May	18	1	73.0	4.5	8,810	1.79	51.76	2.10
06-May	18	1	99.0	11.6	8,749	1.35	51.78	3.71
07-May	19	-	-	-	8,850	2.12	51.94	1.93
08-May	19	ns	ns	ns	8,546	-	52.29	-
09-May	19	5	92.4	9.5	8,423	1.93	52.15	3.41
10-May	19	5	97.2	10.8	8,434	1.78	52.12	2.80
11-May	19	5	83.0	-	8,275	1.71	52.43	2.90
12-May	19	0	-	-	8,153	1.57	52.45	3.73
13-May	19	1	94.0	9.5	8,475	1.31	52.56	3.28
14-May	20	4	97.0	11.0	8,558	1.27	52.69	2.50
15-May	20	ns	ns	ns	8,495	ns	52.68	-
16-May	20	ns	ns	ns	8,290	ns	53.18	-
17-May	20	8	93.6	9.9	8,235	1.67	53.22	2.00
18-May	20	72	95.1	9.7	8,121	1.16	53.21	4.84
19-May	20	52	93.6	-	8,131	1.14	52.49	4.80
20-May	20	1	87.0	7.3	7,927	1.16	52.84	2.08
21-May	21	ns	ns	ns	7,741	ns	51.85	-
22-May	21	ns	ns	ns	7,539	ns	52.48	-
23-May	21	ns	ns	ns	7,034	ns	53.10	-
24-May	21	34	97.4	-	6,851	ns	53.39	3.99
25-May	21	52	93.2	-	6,893	1.27	53.18	-
26-May	21	49	95.9	10.5	6,669	1.41	52.85	4.27

Tuolumne River Rotary Screw Trapping at Waterford - 2006

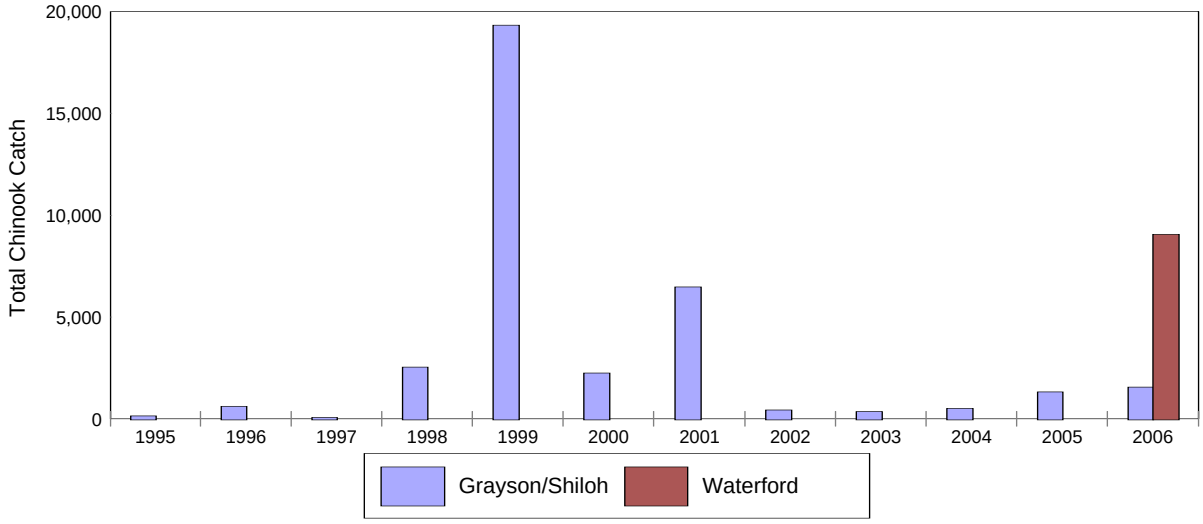
Date	Julian Week	2006 Number Captured	2006 Mean Length (mm)	2006 Mean Weight (g)	2006 LaGrange River Flow (cfs)	2006 Turbidity (NTU's)	2006 Average River Temp. (F)	2006 Velocity ft/s
27-May	21	47	93.4	11.3	6,413	1.03	52.73	4.15
28-May	22	ns	ns	ns	6,119	ns	52.94	-
29-May	22	ns	ns	ns	5,790	ns	53.17	-
30-May	22	ns	ns	ns	5,407	ns	53.42	-
31-May	22	ns	ns	ns	4,948	ns	53.80	-
01-Jun	22	27	94.4	10.0	4,263	1.48	54.32	3.54
02-Jun	22	10	86.5	7.7	3,706	2.10	55.13	-
03-Jun	22	5	96.2	11.1	3,385	1.30	55.43	3.20
04-Jun	23	11	89.2	7.6	3,138	2.19	55.57	2.66
05-Jun	23	5	88.8	8.1	2,965	1.47	55.42	2.48
06-Jun	23	2	98.0	-	2,736	1.37	55.41	2.44
07-Jun	23	2	94.5	-	2,656	0.76	55.44	1.74
08-Jun	23	2	95.0	10.8	3,533	1.47	54.79	3.02
09-Jun	23	0	-	-	4,716	1.34	54.28	3.87
10-Jun	23	4	94.3	10.7	5,566	1.57	54.17	3.94
11-Jun	24	5	93.0	11.4	5,586	0.93	54.21	4.44
12-Jun	24	4	96.0	10.8	5,351	1.10	54.09	4.00
13-Jun	24	2	91.0	9.7	4,963	1.02	53.97	3.75
14-Jun	24	2	87.5	8.4	5,256	1.10	54.22	3.53
15-Jun	24	4	92.5	9.8	5,007	0.59	54.85	3.52
16-Jun	24	6	92.8	8.6	4,241	2.03	55.49	3.52
17-Jun	24	ns	ns	ns	4,070	ns	55.72	3.70
18-Jun	25	ns	ns	ns	3,856	ns	55.53	-
19-Jun	25	ns	ns	ns	4,415	ns	55.04	-
20-Jun	25	1	88.0	9.4	6,112	1.46	54.72	-
21-Jun	25	0	-	-	7,270	1.67	54.67	3.76
22-Jun	-	-	-	-	7,138	-	54.79	-
23-Jun	-	-	-	-	7,248	-	55.08	-
24-Jun	-	-	-	-	7,227	-	55.14	-
25-Jun	-	-	-	-	7,580	-	55.14	-
26-Jun	-	-	-	-	7,490	-	55.05	-
27-Jun	-	-	-	-	5,203	-	55.18	-
28-Jun	-	-	-	-	4,320	-	55.79	-
29-Jun	-	-	-	-	3,665	-	56.13	-
30-Jun	-	-	-	-	2,896	-	56.24	-

*Temperature recorded at Ruddy Gravel Pit (RM 36.7)

Section 5. Grayson and Waterford Comparisons

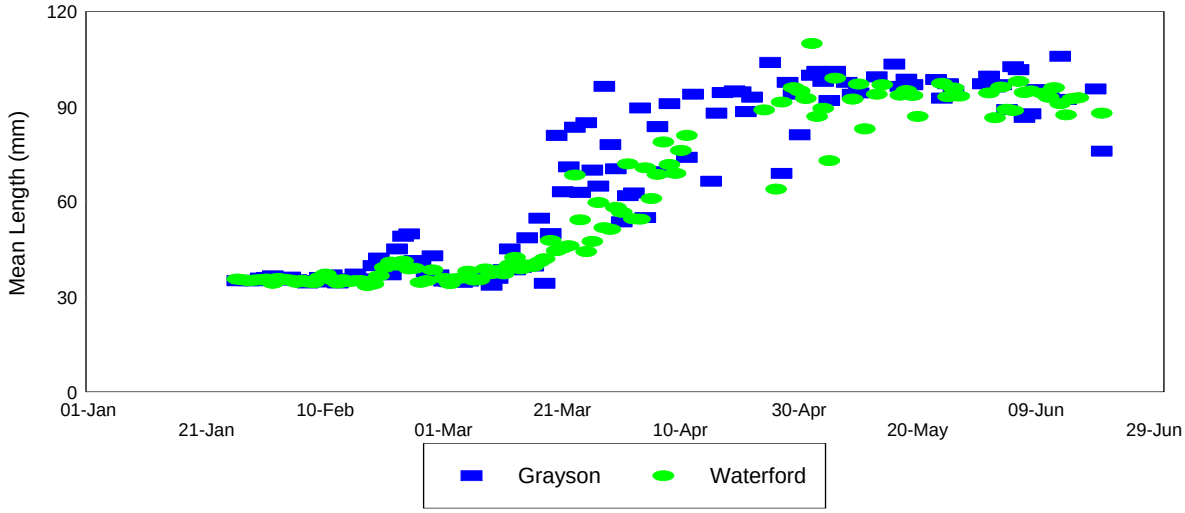
Total Chinook Catch

at Grayson, Shiloh and Waterford



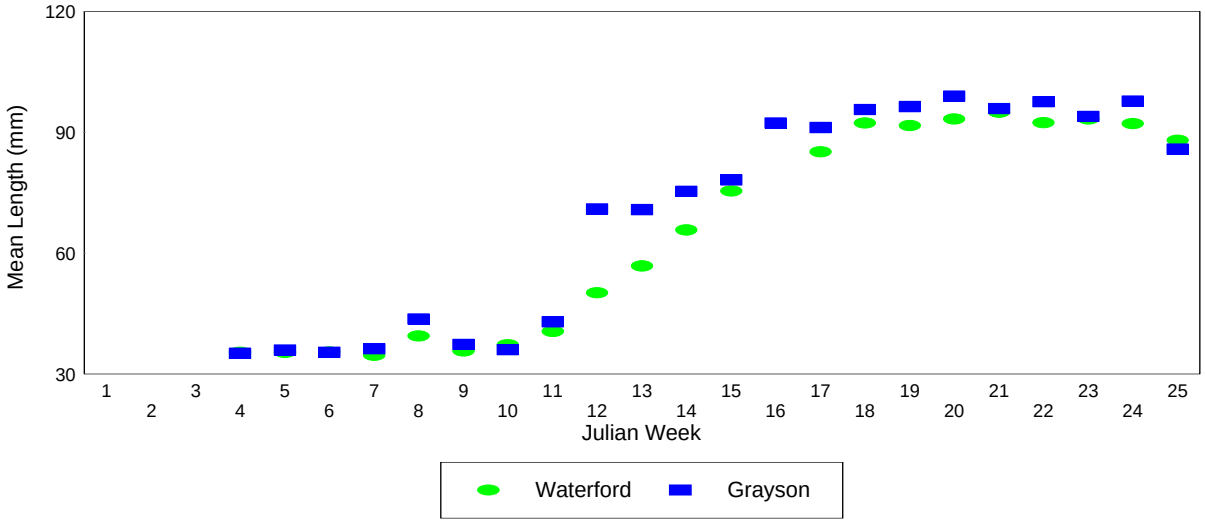
Chinook Mean Length and Flow

at Grayson and Waterford - 2006



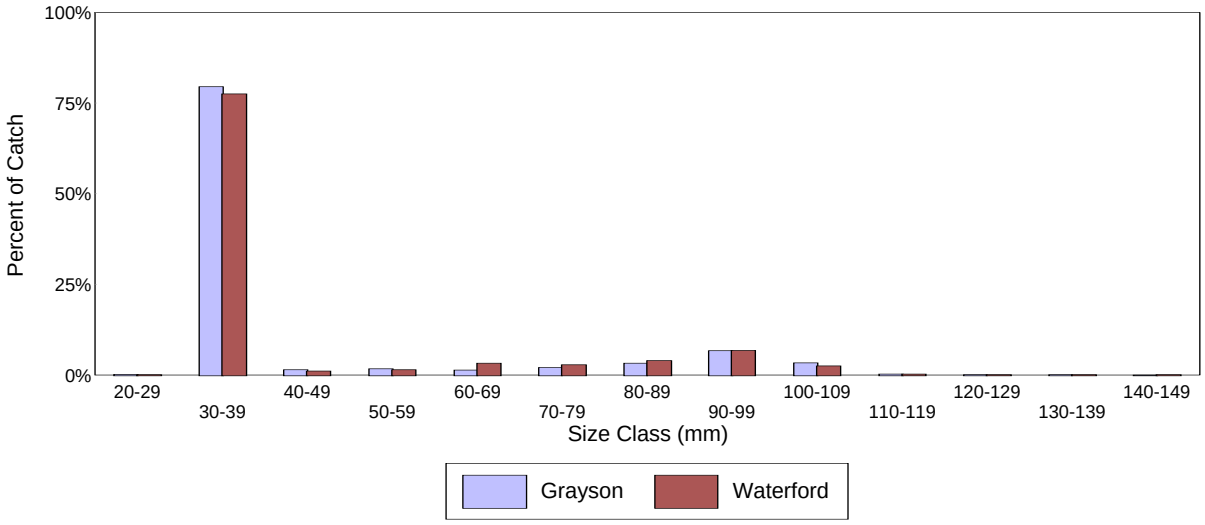
Chinook Mean Length by Julian Week

at Waterford and Grayson - 2006



2006 Length Frequency of Chinook

Captured at Waterford and Grayson



Mean River Flow at Modesto

1999 through 2006