

Fish Data Available for the Stanislaus River below Goodwin Dam

Compiled by SP Cramer and Associates

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Species	Lifestage	Project	Data Type	Years	Collected By	Comments
Chinook salmon	Adult	Weir	Daily counts	2003-05	SPC&A	
Chinook salmon	Adult	Weir	Time of individual passages	2003-05	SPC&A	
Chinook salmon	Adult	Weir	Total length (mm)	2003-05	SPC&A	Estimated from depth recorded by the Vaki
Chinook salmon	Adult	Weir	Trap catch	2003-2005	SPC&A	Trap operated infrequently. Design not effective during spring 2003.
Chinook salmon	Adult	Weir	Body depth	2003-2005	SPC&A	Collected by Vaki and measure for trapped fish.
Chinook salmon	Adult	Weir	Marks observed	2004-2005	SPC&A	Limited data during 2004.
Chinook salmon	Adult	Weir	# Holding below weir	2003-2005	SPC&A	Daily during fall-run migration, less frequently in spring
Chinook salmon	Adult	Weir	# Holding above weir	2003-2005	SPC&A	Daily during fall-run migration, less frequently in spring
Chinook salmon	Adult	Weir	Digging activity above weir	2003-2005	SPC&A	
Chinook salmon	Adult	Weir	Digging activity below weir	2003-2005	SPC&A	
Chinook salmon	Adult	Weir	Carcasses collected on weir	2003-2005	SPC&A	
Chinook salmon	Adult	Weir	Scales	2003-2005	SPC&A	In compliance with the terms of our SCP amendments, samples were mounted and turned over to CDFG.
Chinook salmon	Adult	Weir	Sex	2003-2005	SPC&A	Limited data, possibly biased.
Chinook salmon	Adult	Carcass survey	Weekly redd count	19??-2005	CDFG	Collected by riffle, but do not have all detailed data in our files.
Chinook salmon	Adult	Carcass survey	Weekly live count	19??-2005	CDFG	Collected by reach (Goodwin, KF-Horseshoe, Horseshoe-Oakdale, Oak-Riverbank)
Chinook salmon	Adult	Carcass survey	Weekly # tagged	19??-2005	CDFG	
Chinook salmon	Adult	Carcass survey	Weekly fresh carcs	19??-2005	CDFG	
Chinook salmon	Adult	Carcass survey	Weekly decayed carcs	19??-2005	CDFG	
Chinook salmon	Adult	Carcass survey	Weekly skeletons	19??-2005	CDFG	
Chinook salmon	Adult	Carcass survey	Marks observed	1980s - 2005	CDFG	Head taken from ad-clips for CWT retrieval. Note that ad-clipped does not always mean hatchery origin. Wild origin juveniles are tagged in at least 2 CV streams.
Chinook salmon	Adult	Carcass survey	Sex	1970s - 2005	CDFG	
Chinook salmon	Adult	Carcass survey	Forklength (mm)	1970s - 2005	CDFG	
Chinook salmon	Adult	Carcass survey	Scales	1976; 1980-2005	CDFG	
Chinook salmon	Adult	Carcass survey	Otoliths	1990s - 2005	CDFG	Inventories by size and watershed
Chinook salmon	Adult	Carcass survey	Egg retention	??	CDFG	
Chinook salmon	Adult	Snorkel survey	#Observed, density	2000-2005	FFC	Bi-weekly counts at ~6 established sites. from Goodwin to Oakdale. Not much data from 2000 (also somewhat inconsistent) or 2005 (persistent turbid conditions)
Chinook salmon	Adult	Gill netting	Catch	summer 2000	CDFG	Conducted by CDFG near OBB
Chinook salmon	Adult	Gill netting	Marks observed	summer 2000	CDFG	Conducted by CDFG near OBB
Chinook salmon	Adult	Gill netting	Sex	summer 2000	CDFG	Conducted by CDFG near OBB
Chinook salmon	Adult	Gill netting	Forklength (mm)	summer 2000	CDFG	Conducted by CDFG near OBB
Chinook salmon	Adult	Scale reading	Age at return	1976; 1980-2005	CDFG	

Chinook salmon	All	IFIM	Habitat preference	19xx	USFWS	Flows of xx to xx
Chinook salmon	Egg	Egg survival		2004-2005	KDH Env.	
Chinook salmon	Juvenile	Oakdale RST	Daily catch	1993, 1995-96, 1998-2005	SPC&A	Trap checked every morning at minimum while sampling.
Chinook salmon	Juvenile	Oakdale RST	Forklength (mm)	1993, 1995-96, 1998-2005	SPC&A	Subsample
Chinook salmon	Juvenile	Oakdale RST	Total length (mm)	2005	SPC&A	Only recorded for fish that are weighed.
Chinook salmon	Juvenile	Oakdale RST	Smolt index	1995-96, 1998-2005	SPC&A	Subsample
Chinook salmon	Juvenile	Oakdale RST	Weight (g)	1999, 2001-2005	SPC&A	Subsample
Chinook salmon	Juvenile	Oakdale RST	Trap efficiency	1993, 1995-96, 1998-2005	SPC&A	Mark-recapture tests. Hatchery and wild origin groups.
Chinook salmon	Juvenile	Oakdale RST	Livebox efficiency	2000-2003	SPC&A	Channel morphology change during 1997 and since.
Chinook salmon	Juvenile	Oakdale RST	Scales	1996, 1998-2005	SPC&A	Mark-recapture tests. Known number of marked fish placed in livebox overnight.
Chinook salmon	Juvenile	Oakdale RST	Daily passage estimates	1993, 1995-96, 1998-2005	SPC&A	weekly sub-samples
Chinook salmon	Juvenile	Caswell RSTs	Daily catch	1995-2005	SPC&A	Trap checked every morning at minimum while sampling.
Chinook salmon	Juvenile	Caswell RSTs	Forklength (mm)	1995-2005	SPC&A	Totals available for each trap or combined.
Chinook salmon	Juvenile	Caswell RSTs	Total length (mm)	2005	SPC&A	
Chinook salmon	Juvenile	Caswell RSTs	Smolt index	1996-2005	SPC&A	
Chinook salmon	Juvenile	Caswell RSTs	Weight (g)	1999, 2001-2005	SPC&A	Subsample
Chinook salmon	Juvenile	Caswell RSTs	Trap efficiency	1995-2005	SPC&A	Mark-recapture tests. Hatchery and wild origin groups.
Chinook salmon	Juvenile	Caswell RSTs	Livebox efficiency	2000-2003	SPC&A	Consistency in estimates between years. 1995 releases were done by CDFG and methods may differ.
Chinook salmon	Juvenile	Caswell RSTs	Scales	1996, 1998-2005	SPC&A	Mark-recapture tests. Known number of marked fish placed in livebox overnight.
Chinook salmon	Juvenile	Caswell RSTs	Daily passage estimates	1995-2005	SPC&A	weekly sub-samples
Chinook salmon	Juvenile	Smolt survival	Survival evaluation	1986-2003	CDFG	Mark recapture survival evaluations conducted in several years. Tagged fish released at Knights Ferry (experimental) and near the mouth (control).
Chinook salmon	Juvenile	Snorkel survey	#Observed, density	2000-2005	FFC	Bi-weekly counts at ~6 established sites. from Goodwin to Oakdale. Not much data from 2000 (also somewhat inconsistent) or 2005 (persistent turbid conditions)
Chinook salmon	Juvenile	Radio tracking	Migration rate/survival	1998-99	SPC&A	Conducted by SPCA. Tagged fish tracked with mobile and fixed stations below OBB.
Chinook salmon	Yearling	Oakdale RST	Daily catch	1993, 1995-96, 1998-2005	SPC&A	
Chinook salmon	Yearling	Oakdale RST	Length (mm)	1993, 1995-96, 1998-2005	SPC&A	
Chinook salmon	Yearling	Oakdale RST	Smolt index	1995-96, 1998-2005	SPC&A	
Chinook salmon	Yearling	Caswell RSTs	Daily catch	1995-2005	SPC&A	
Chinook salmon	Yearling	Caswell RSTs	Length (mm)	1995-2005	SPC&A	
Chinook salmon	Yearling	Caswell RSTs	Smolt index	1995-2005	SPC&A	
Non-salmonids	Misc	Oakdale RST	Daily catch	1996, 1998-2005	SPC&A	Trap checked every morning at minimum while sampling.

Non-salmonids	Misc	Oakdale RST	Length (mm)	1996, 1998-2005	SPC&A	
Non-salmonids	Misc	Caswell RSTs	Daily catch	1995-2005	SPC&A	
Non-salmonids	Misc	Caswell RSTs	Length (mm)	1995-2005	SPC&A	
Non-salmonids	Misc	Weir	Daily passage	2003-2005	SPC&A	Not all identified to species
Non-salmonids	Misc	Weir	Time of individual passages	2003-2005	SPC&A	Not all identified to species
Non-salmonids	Misc	Electrofishing	Misc	1999	SPC&A	Conducted by SPCA and USFWS with primary goal of recovering tagged smolts consumed by predators.
Rainbow/steelhead trout	Adult	Weir	Daily passage	2003-2005	SPC&A	
Rainbow/steelhead trout	Adult	Weir	Total length (mm)	2005	SPC&A	
Rainbow/steelhead trout	Adult	Weir	Carcasses collected on weir	2003-2005	SPC&A	
Rainbow/steelhead trout	Adult	Weir	Scales	2003-2005	SPC&A	Scales collected from only a handful of fish and samples were turned over to CDFG in compliance with our permits. Bi-weekly counts at ~6 established sites. from Goodwin to Oakdale. Not much data from 2000 (also somewhat inconsistent) or 2005 (persistent turbid conditions)
Rainbow/steelhead trout	Adult	Snorkel survey	#Observed, density	2000-2005	FFC	
Rainbow/steelhead trout	Juvenile	Oakdale RST	Daily catch	1993, 1995-96, 1998-2005	SPC&A	Trap checked every morning at minimum while sampling.
Rainbow/steelhead trout	Juvenile	Oakdale RST	Forklength (mm)	1995-96, 1998-2005	SPC&A	All measured
Rainbow/steelhead trout	Juvenile	Oakdale RST	Total length (mm)	2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Oakdale RST	Smolt index	1995-96, 1998-2005	SPC&A	All rated
Rainbow/steelhead trout	Juvenile	Oakdale RST	Weight (g)	1999, 2001-2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Oakdale RST	Scales		SPC&A	
Rainbow/steelhead trout	Juvenile	Caswell RSTs	Daily catch	1995-2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Caswell RSTs	Forklength (mm)	1995-2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Caswell RSTs	Total length (mm)	2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Caswell RSTs	Smolt index	1995-2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Caswell RSTs	Weight (g)	1999, 2001-2005	SPC&A	
Rainbow/steelhead trout	Juvenile	Oakdale RST	Scales	??	SPC&A	
Rainbow/steelhead trout	Juvenile	Snorkel survey	#Observed, density	2000-2005	FFC	Bi-weekly counts at ~6 established sites. from Goodwin to Oakdale. Not much data from 2000 (also somewhat inconsistent) or 2005 (persistent turbid conditions)