

Table 1 - 2001 Fall Chinook Spawning Survey results by date, actual surveyed reach, and surveyors - Klamath NF, Happy Camp and Ukonom Ranger Districts

Notes:

- (1) Adult Coho were observed in Elk Creek in the late November surveys. However, the fall Chinook surveys do not extend late enough in the season in Elk Creek (or any other stream on the Happy Camp or Ukonom Ranger Districts) to make any quantitative estimates of the spawning population of Coho.
- (2) These are actual reaches that were surveyed and may not correspond to established reaches.

<u>Stream</u>	<u>Reach Surveyed</u>	<u>Date Surveyed</u>	<u>Surveyors + Affiliation</u>	<u>No. of Chin Redds</u>	<u>No. of live adult Chin (b)</u>
Clear	Slippery RA - Mouth	10/18/2001	Alan Crockett, Jon Grunbaum: USFS	14	158
Clear	Slippery RA - Mouth	10/30/2001	Alan Crockett-USFS; Mijanou Brown-AmeriCorps w/USFS	38	229
Clear	Slippery RA - Mouth	11/7/2001	Ken Brinks, Jerry Brinks: Karuk Tribe	25	a
Clear	Slippery RA - Mouth	11/20/2001	Alan Crockett, Fred Farr: USFS	28	a
Totals				105	
Dillon	Mill Ck - mouth	10/23/2001	Alan Crockett, Jon Grunbaum: USFS	8	a
Dillon	Mill Ck - mouth	11/3/2001	Alan Crockett-USFS; Chris Chiochois volunteer w/USFS	17	90
Totals				25	
Elk	5MB - water plant	10/17/2001	Alan Crockett-USFS; Steve Fortney-AmeriCorps w/USFS	4	99
Elk	5MB - water plant	10/31/2001	Steve Fortney, Mijanou Brown: AmeriCorps w/USFS	20	106
Elk	5MB - water plant	11/14/2001	Nat Pennington, George Ziminsky: CDF&G	15	a
Elk	Twins Ck - 5MB	10/17/2001	Alan Crockett-USFS; Steve Fortney-AmeriCorps w/USFS	14	26
Elk	Twins Ck - 5MB	10/31/2001	Steve Fortney, Mijanou Brown: AmeriCorps w/USFS	6	30
Elk	Twins Ck - 5MB	11/14/2001	Nat Pennington, George Ziminsky: CDF&G	4	3
Elk	Twins Ck - 5MB	11/28/2001	Alan Crockett, Jon Grunbaum: USFS	1	2
Elk	Twins Ck - 5MB	12/12/2001	Alan Crockett, Jon Grunbaum: USFS	0	0
Elk	Doolittle - Twins	10/17/2001	Oscar Gensaw, Kathleen Williamson: Yurok Tribe	3	37
Elk	Doolittle - Twins	10/31/2001	Nat Pennington-CDF&G; Alan Crockett-USFS	19	59
Elk	Doolittle - Twins	11/14/2001	Eileen Williams, Sara Williams, Leanna Carson-(Hanson): CDF&G	11	a
Elk	Doolittle - Twins	11/28/2001	Fred Farr-USFS; Nat Pennington-CDF&G	0	0
Elk	Doolittle - Twins	12/12/2001	Alan Crockett, Jon Grunbaum: USFS	0	0
Elk	Bear - Doolittle	10/17/2001	Nat Pennington-USFS; Mijanou Brown-AmeriCorps w/USFS	1	1
Elk	Bear - Doolittle	10/31/2001	George Ziminsky, Kim Baker: CDF&G	1	a
Elk	Bear - Doolittle	11/14/2001	Steve Fortney, Mijanou Brown: AmeriCorps w/USFS	0	0
Totals				99	

<u>Stream</u>	<u>Reach Surveyed</u>	<u>Date Surveyed</u>	<u>Surveyors + Affiliation</u>	<u>No. of Chin Redds</u>	<u>No. of live adult Chin</u>
Grider	No Name - mouth	10/17/2001	Eileen Williams, Sara Williams: CDF&G	49	a
Grider	No Name - mouth	10/24/2001	Ken Brinks, David Arwood Jr.: Karuk Tribe	87	162
Grider	No Name - mouth	10/31/2001	Eileen Williams, Sara Williams: CDF&G	21	a
Grider	No Name - mouth	11/13/2001	Steve Fortney, Mijanou Brown: AmeriCorps w/USFS	4	36
Grider	No Name - mouth	11/27/2001	Alan Crockett, Jon Grunbaum: USFS	14	a
Grider	No Name - mouth	12/12/2001	Nat Pennington, Sara Williams: CDF&G	0	0
Grider	Bark Shanty - No Name	10/17/2001	George Ziminsky-CDF&G; Jamie Fangman-Yurok Tribe	9	a
Grider	Bark Shanty - No Name	10/24/2001	Alan Crockett, Jon Grunbaum: USFS	28	30
Grider	Bark Shanty - No Name	11/7/2001	Kathleen Williamson, Dave Weskamp: Yurok Tribe	10	10
Grider	Bark Shanty - No Name	11/13/2001	Alan Crockett, Jon Grunbaum: USFS	1	8
Totals				223	
Indian	WBC - to SFB (see note)	10/30/2001	Steve Fortney-AmeriCorps w/USFS; Jon Grunbaum-USFS	2	6
Indian	SF Brdg to Buchanan F.	10/31/2001	Ken Brinks, Dave Arwood: Karuk Tribe	36	41
Indian	Buchanan Falls to Doolittle B	11/14/2001	Ken Brinks, Jerry Brinks: Karuk Tribe	26	6
Indian	SF Brdg to Buchanan F.	11/14/2001	Kathleen Williamson, Oscar Gensaw: Yurok Tribe	4	6
Totals				68	incomplete see Notes
Lower MS Salmon R	Wooley - mouth	10/11/2001	Alan Crockett, Barbara Whitmore: USFS	0	195
Lower MS Salmon R	Wooley - mouth	10/18/2001	Mijanou Brown, Steve Fortney: AmeriCorps w/USFS	7	229
Lower MS Salmon R	Wooley - mouth	10/25/2001	Alan Crockett, Jon Grunbaum: USFS	20	229
Lower MS Salmon R	Wooley - mouth (inc)	11/01/2001	Fred Farr-USFS; Tara Palmer-AmeriCorps w/USFS	1	a
Lower MS Salmon R	Wooley - mouth	11/8/2001	Mijanou Brown, Steve Fortney: AmeriCorps w/USFS	12	43
Lower MS Salmon R	Grants - Wooley	10/11/2001	Chris Glenney-USFS: Mario Schulte-German exchange student vo	2	a
Lower MS Salmon R	Grants - Wooley	10/18/2001	Steve Robinson-USFS, Tara Palmer-AmeriCorps w/USFS	10	77
Lower MS Salmon R	Grants - Wooley	10/25/2001	Fred Farr-USFS, Chris Hatton-AmeriCorps w/USFS	15	90
Lower MS Salmon R	Grants - Wooley	11/01/2001	Steve Robinson-USFS; Chris Hatton-AmeriCorps w/USFS	5	20
Lower MS Salmon R	Grants - Wooley	11/8/2001	Steve Robinson, Fred Farr: USFS	16	41
Lower MS Salmon R	Nordheimer - Grants	10/11/2001	Fred Farr-USFS; Mathias Pfeiffer-German exchange student volur	1	a
Lower MS Salmon R	Nordheimer - Grants	10/18/2001	Fred Farr-USFS, Chris Hatton-AmeriCorps w/USFS	8	295
Lower MS Salmon R	Nordheimer - Grants	10/25/2001	Steve Robinson, Chris Glenney: USFS	20	151
Lower MS Salmon R	Nordheimer - Grants	11/01/2001	Mijanou Brown, Steve Fortney: AmeriCorps w/USFS	14	74
Lower MS Salmon R	Nordheimer - Grants	11/8/2001	Chris Hatton, Tara Palmer-AmeriCorps w/USFS; Terry Hollingsworth-AmeriCorps volunteer	25	a
Totals				156	

<u>Stream</u>	<u>Reach Surveyed</u>	<u>Date Surveyed</u>	<u>Surveyors + Affiliation</u>	<u>No. of Chin Redds</u>	<u>No. of live adult Chin</u>
Wooley	Gates - mouth	11/7/2001	Alan Crockett, Jon Grunbaum: USFS	57	90
Wooley	Bridge - Gates	11/6/2001	Fred Farr-USFS; Mijanou Brown-AmeriCorps w/USFS	6	5
Wooley	NF Wooley to Bridge	11/6/2001	Chris Glenney-USFS; Steve Fortney-AmeriCorps w/USFS	0	
Totals				63	95
S.F. Clear	lower 1/2 mile	10/29/2001	Mijanou Brown, Steve Fortney: AmeriCorps w/USFS	0	0
Thompson	Bug Creek to mouth	10/24/2001	Oscar Gensaw, Kathleen Williamson: Yurok Tribe	3	a
Thompson	2.0 Mi. - mouth	11/5/2001	Alan Crockett-USFS	31	73
Thompson	2.0 Mi. - mouth	11/15/2001	Alan Crockett-USFS; Steve Fortney-AmeriCorps w/USFS	34	82
Totals				68	
	lower 1/2 mile	10/29/2001	Mijanou Brown, Steve Fortney: AmeriCorps w/USFS	0	0
Irving	1.5 Mi - mouth	10/30/2001	Jon Grunbaum-USFS	0	0
Independence	lower 1/2 mile	11/21/1900	Mijanou Brown, Steve Fortney: AmeriCorps w/USFS	5	6

a = jacks or half-pounders lumped in with adult chinook or adult steelhead, respectively

b=Chinook between 10 and 15 inches long (FL) were classified as jacks or grilse; over 15 inches long (FL) were classified as adults

c= steelhead between 14 and 18 inches long (FL) were classified as half pounders; over 18 inches long (FL) were classified as adults

d = only includes the number of observed carcasses from which scale samples were collected

Results table prepared by Jon Grunbaum, KNF Fisheries Biologist, on September 25, 2002

b=Chinook between 10 and 15 inches long (FL) were classified as jacks or grilse; over 15 inches long (FL) were classified as adults

c= steelhead between 14 and 18 inches long (FL) were classified as half pounders; over 18 inches long (FL) were classified as adults

<u>Stream</u>	<u>Reach Surveyed</u>	<u>No. of live jack Chin</u> (b)	<u>Total No. Chinook</u> (b)	<u>#Live adult STHD</u> (c)	<u>#Live 1/2 pounder</u> (c)	<u>Total STHD</u> (c)	<u>No. of live Adult Coho</u>	<u>No. of Coho Redds</u>
Clear	Slippery RA - Mouth	75	233	a	a	225	0	0
Clear	Slippery RA - Mouth	47	276	a	a	157	0	0
Clear	Slippery RA - Mouth	a	129	a	a	186	0	0
Clear	Slippery RA - Mouth	a	36	a	a	21	0	0
Totals								0
Dillon	Mill Ck - mouth	a	27	a	a	52	0	0
Dillon	Mill Ck - mouth	10	100	a	a	77	0	0
Totals								0
Elk	5MB - water plant	14	113	a	a	72	0	0
Elk	5MB - water plant	13	119	a	a	66	0	0
Elk	5MB - water plant	a	27	a	a	8	0	0
Elk	Twins Ck - 5MB	2	28	a	a	27	0	0
Elk	Twins Ck - 5MB	3	33	a	a	83	0	0
Elk	Twins Ck - 5MB	0	3	10	34	44	0	0
Elk	Twins Ck - 5MB	0	2	63	2	65	3	1
Elk	Twins Ck - 5MB	0	0	63	20	83	5	1
Elk	Doolittle - Twins	0	37	6	0	6	0	0
Elk	Doolittle - Twins	5	64	a	a	58	0	0
Elk	Doolittle - Twins	a	17	a	a	2	0	0
Elk	Doolittle - Twins	0	0	0	0	0	0	0
Elk	Doolittle - Twins	0	0	110	30	140	43	22
Elk	Bear - Doolittle	0	1	0	9	9	0	0
Elk	Bear - Doolittle	a	3	a	a	6	0	0
Elk	Bear - Doolittle	0	0	14	3	17	0	0
								24

<u>Stream</u>	<u>Reach Surveyed</u>	<u>No. of live jack Chin</u>	<u>Total No. Chinook</u>	<u>#Live adult STHD</u>	<u>#Live 1/2 pounder</u>	<u>Total STHD</u>	<u>No. of live Adult Coho</u>	<u>No. of Coho Redds</u>
Grider	No Name - mouth	a	0	0	0	0	0	0
Grider	No Name - mouth	6	168	0	0	0	0	0
Grider	No Name - mouth	a	210	a	a	2	0	0
Grider	No Name - mouth	7	43	0	0	0	0	0
Grider	No Name - mouth	a	16	0	0	0	0	0
Grider	No Name - mouth	0	1	0	0	0	0	0
Grider	Bark Shanty - No Name	a	32	0	0	0	0	0
Grider	Bark Shanty - No Name	1	31	0	0	0	0	0
Grider	Bark Shanty - No Name	2	12	0	0	0	0	0
Grider	Bark Shanty - No Name	0	8	0	0	0	0	0
Totals								0
Indian	WBC - to SFB (see note)	1	7	4	0	4	0	0
Indian	SF Brdg to Buchanan F.	2	43	238	2	240	0	0
Indian	Buchanan Falls to Doolittle Brdg	0	6	5	0	5	0	0
Indian	SF Brdg to Buchanan F.	1	7	57	1	58	0	0
Totals								0
Lower MS Salmon R	Wooley - mouth	26	221	a	a	194	0	0
Lower MS Salmon R	Wooley - mouth	61	290	a	a	334	0	0
Lower MS Salmon R	Wooley - mouth	11	240	a	a	478	0	0
Lower MS Salmon R	Wooley - mouth (inc)	a	8	a	a	0	0	0
Lower MS Salmon R	Wooley - mouth	14	57	157	71	228	0	0
Lower MS Salmon R	Grants - Wooley	a	87	a	a	18	0	0
Lower MS Salmon R	Grants - Wooley	14	91	12	1	13	0	0
Lower MS Salmon R	Grants - Wooley	3	93	15	1	16	0	0
Lower MS Salmon R	Grants - Wooley	0	20	0	4	4	0	0
Lower MS Salmon R	Grants - Wooley	2	43	50	21	71	0	0
Lower MS Salmon R	Nordheimer - Grants	a	365	a	a	83	0	0
Lower MS Salmon R	Nordheimer - Grants	75	370	a	a	150	0	0
Lower MS Salmon R	Nordheimer - Grants	20	171	23	73	96	0	0
Lower MS Salmon R	Nordheimer - Grants	9	83	a	a	35	0	0
Lower MS Salmon R	Nordheimer - Grants	a	126	a	a	217	0	0
Totals								0

d = only includes the number of observed carcasses from which scale samples were collected

<u>Stream</u>	<u>Reach Surveyed</u>	<u>Retrievable (d) #Chin Carcasses</u>	<u>Retrievable (d) #Coho Carcasses</u>	<u>Comments</u>
Clear	Slippery RA - Mouth	2	0	Clear low flows; substrate heavily covered in algae with silt - creek needs flushing bad; one ad-clipped chinook salmon - head taken - tag 51382
Clear	Slippery RA - Mouth	8	0	Water turbid; Bear seen just above SF; some jacks appear to have been bitten by largewr fish.
Clear	Slippery RA - Mouth	0	0	Twenty spawner chinook carcasses were seen but recovered.
Clear	Slippery RA - Mouth	6	0	high flow - low visibility; 12 un-recoverable or Path 4 salmon carcasses.
	Totals	16	0	
Dillon	Mill Ck - mouth	0	0	
Dillon	Mill Ck - mouth	0	0	
	Totals	0	0	
Elk	5MB - water plant	0	0	two chinook carcasses - Path 4.
Elk	5MB - water plant	1	0	water was murky
Elk	5MB - water plant	11	0	
Elk	Twins Ck - 5MB	0	0	one Chinook carcass - Path 4
Elk	Twins Ck - 5MB	1	0	
Elk	Twins Ck - 5MB	3	0	
Elk	Twins Ck - 5MB	0	0	
Elk	Twins Ck - 5MB	0	0	Half-pounders were estimated as an additional 30% of the adult numbers
Elk	Doolittle - Twins	1	0	
Elk	Doolittle - Twins	0	0	
Elk	Doolittle - Twins	0	0	five Chinook carcasses seen but not recovered
Elk	Doolittle - Twins	1	0	
Elk	Doolittle - Twins	0	4	Half-pounders were estimated as an additional 30% of the adult numbers
Elk	Bear - Doolittle	0	0	
Elk	Bear - Doolittle	0	0	
Elk	Bear - Doolittle	0	0	
		18	4	

<u>Stream</u>	<u>Reach Surveyed</u>	<u>Retrievable (d) #Chin Carcasses</u>	<u>Retrievable (d) #Coho Carcasses</u>	<u>Comments</u>
Grider	No Name - mouth	2	0	Reach not dove
Grider	No Name - mouth	2	0	Reach not dove
Grider	No Name - mouth	35	0	Reach not dove
Grider	No Name - mouth	26	0	
Grider	No Name - mouth	0	1	
Grider	No Name - mouth	7	1	Reach not dove
Grider	Bark Shanty - No Name	0	0	Reach not dove
Grider	Bark Shanty - No Name	2	0	
Grider	Bark Shanty - No Name	2	0	
Grider	Bark Shanty - No Name	0	0	
Totals		76	2	
Indian	WBC - to SFB (see note)	0	0	survey ended at private property about 1/4 mile above SF road bridge.
Indian	SF Brdg to Buchanan F.	10	0	only SFB to Buchanann Falls reach was surveyed due to high water and turbidity.
Indian	Buchanan Falls to Doolittle	4	0	Water extremely turbid - so ended survey at Doolittle Brdg.
Indian	SF Brdg to Buchanan F.	10	0	Water turbid and leaves flushing by 2nd half of reach - in first good rain.
Totals		24	0	
Lower MS Salmon R	Wooley - mouth	2	0	
Lower MS Salmon R	Wooley - mouth	0	0	
Lower MS Salmon R	Wooley - mouth	3	0	
Lower MS Salmon R	Wooley - mouth (inc)	0	0	Incomplete survey due to high turbidity - stopped survey at Monte Creek - only about 0.5 mile surveyed.
Lower MS Salmon R	Wooley - mouth	7	0	
Lower MS Salmon R	Grants - Wooley	0	0	one 81 CM female Chinook carcass
Lower MS Salmon R	Grants - Wooley	0	0	
Lower MS Salmon R	Grants - Wooley	0	0	
Lower MS Salmon R	Grants - Wooley	1	0	Poor visibility - turbid water
Lower MS Salmon R	Grants - Wooley	6	0	
Lower MS Salmon R	Nordheimer - Grants	0	0	
Lower MS Salmon R	Nordheimer - Grants	1	0	
Lower MS Salmon R	Nordheimer - Grants	5	0	
Lower MS Salmon R	Nordheimer - Grants	6	0	Poor visibility - turbid water
Lower MS Salmon R	Nordheimer - Grants	12	0	
Totals		43	0	

d = only includes the number of observed carcasses from which scale samples were collected

<u>Stream</u>	<u>Reach Surveyed</u>	<u>Retrievable (d) #Chin Carcasses</u>	<u>Retrievable (d) #Coho Carcasses</u>	<u>Comments</u>
Wooley	Gates - mouth	2	0	Good water clarity, low flows, cold water.
Wooley	Bridge - Gates	0	0	
Wooley	NF Wooley to Bridge	0	0	One steelhead carcass.
	Totals	2	0	
S.F. Clear	lower 1/2 mile	1	0	
Thompson	Bug Creek to mouth	0	0	
Thompson	2.0 Mi. - mouth	1	0	
Thompson	2.0 Mi. - mouth	2	0	
	Totals	3	0	
Ti	lower 1/2 mile	0	0	Juvenile steelhead & juvenile Coho & Chinook were seen up to the Hwy 96 bridge, then just juvenile steelhead above.
Irving	1.5 Mi - mouth	0	0	
Independence	lower 1/2 mile	0	0	

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