

Table 1. Prairie Creek redd **totals** (unexpanded) 1998-1999

Reach	Month	Unknown redds	KS redds	Coho redds	SH redds	Total # of redds	% of total for month	# of redds that were superimposed (SI)	percent SI
1	Dec.	26	16	0	0	42	25.00%	0	0.00%
2	Dec.	23	14	1	0	38	22.62%	0	0.00%
3	Dec.	31	17	1	0	49	29.17%	2	4.08%
4	Dec.	<u>18</u>	<u>21</u>	<u>0</u>	0	<u>39</u>	23.21%	0	0.00%
Total:		98	68	2	0	168			
1	Jan.	13	5	0	1	19	30.65%	0	0.00%
2	Jan.	19	6	0	0	25	40.32%	0	0.00%
3	Jan.	3	0	4	0	7	11.29%	0	0.00%
4	Jan.	5	0	1	1	7	11.29%	1	14.29%
5	Jan.	<u>1</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>4</u>	6.45%	0	0.00%
Total:		41	11	8	2	62			
1	Feb	5	0	0	0	5	20.00%	0	0.00%
2	Feb	10	0	0	0	10	40.00%	0	0.00%
3	Feb	2	0	1	0	3	12.00%	0	0.00%
4	Feb	<u>7</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>7</u>	28.00%	1	14.29%
Total:		24	0	1	0	25			
1	March	-	-	-	-	-	-		
2	March	2	0	0	0	2	100.00%	1	50.00%
3	March	0	0	0	0	0	0.00%	0	0.00%
4	March	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	0	0.00%	0	0.00%
Total:		2	0	0	0	2			
Totals:		165	79	11	2	257		5	

Surveys ended on March 8 1999

Reach 1 extended from confluence of **Steele** Cr with Prairie Cr to Boyes Cr confluence (station 4070 m).

Reach 2 extended **from** confluence of Boyes Cr to confluence of Browns Cr (station 7450 m).

Reach 3 extended from confluence of Browns Cr to station 10960m.

Reach 4 extended **from** 10960 m to station 13440m.

Reach 5 extended from station **13440 m** to confluence of Ten **Taypo** Cr .

Bill Long
California Department of Fish & Game
5541 Division Way
Arcata, California 95521 (707)822-2605

5757

1998/99 Prairie Creek Spawning Survey
California Cooperative Fishery Research Unit
Humboldt State University

Table 2. 1998/99 Prairie Creek spawning survey summaries.

Reach	Date	Redd counts					Live fish counts						Carcass counts						
		KS	CO	SH	UKN	E	KS	CO	SH	UKN	Chum	E	KS	CO	CO recap	SH	UKN	Chum	E*
3	12/01/98	6	0	0	9	15	2	9	0	0	4	0	3	3	0	0	0	0	0
4	12/01/98	3	0	0	1	4	3	7	0	0	2	0	3	9	0	0	0	0	0
3	12/05/98	3	0	0	1	4	3	0	2	0	2	0	3	4	2	0	0	0	2
4	12/08/98	10	0	0	7	17	5	5	1	0	4	0	60	0	0	0	0	0	0
2	12/08/98	8	0	0	10	18	2	9	0	0	2	0	3	1	2	0	0	0	2
1	12/10/98	7	0	0	7	14	1	7	0	0	3	0	2	0	0	0	0	1	1
3	12/12/98	8	0	0	8	16	4	9	6	0	1	0	56	6	0	0	0	0	6
4	12/17/98	7	0	0	5	12	4	8	0	0	0	0	4	8	2	0	0	0	2
1	12/18/98	7	0	0	12	19	18	0	0	5	1	2	4	2	0	0	0	0	2
2	12/18/98	3	1	0	8	12	3	0	4	0	1	0	3	5	4	0	0	0	4
3	12/21/98	0	0	0	10	10	1	3	2	0	2	0	17	18	0	0	0	0	1
4	12/22/98	0	0	0	4	4	8	0	0	0	0	0	8	2	0	0	0	0	20
1	12/28/98	2	0	0	7	9	2	5	4	0	2	0	3	1	5	0	0	1	8
2	12/28/98	3	0	0	5	8	1	2	5	0	0	0	17	10	0	0	0	0	1
3	12/29/98	0	1	0	3	4	8	1	0	0	0	0	9	9	0	0	0	0	9
4	12/30/98	1	0	0	1	2	6	0	0	0	0	0	6	4	0	0	0	0	4
1	01/04/99	4	0	0	2	6	2	5	3	0	3	1	3	2	8	0	0	1	9
2	01/04/99	3	0	0	8	11	1	6	8	0	0	0	24	5	0	0	0	0	5
3	01/05/99	0	0	0	0	0	2	3	0	0	0	0	5	3	0	0	0	0	3
4	01/05/99	0	0	0	2	2	0	0	0	0	0	0	0	1	0	0	0	0	1
3	01/11/99	0	1	0	2	3	2	3	0	1	0	0	6	2	0	0	0	0	2
4	01/11/99	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0
1	01/12/99	1	0	0	8	9	10	10	0	1	0	0	21	15	2	0	0	0	1
2	01/12/99	2	0	0	9	11	7	0	0	0	0	0	7	11	0	0	0	0	11
3	01/16/99	0	1	0	0	1	1	16	0	0	0	0	17	0	0	0	0	0	0
4	01/21/99	0	1	0	1	2	0	5	1	1	0	0	7	0	0	0	0	0	0
3	01/21/99	0	1	0	0	1	5	4	0	0	0	0	9	1	1	0	0	0	2
1	01/22/99	0	0	1	2	3	1	0	3	0	0	0	4	9	0	0	0	0	9
2	01/22/99	0	0	0	0	0	3	0	0	3	0	0	6	4	1	0	0	0	5
3	01/25/99	0	1	0	1	2	1	2	0	0	0	0	3	1	1	1	0	0	2
4	01/25/99	0	0	1	1	2	0	5	0	0	0	0	5	0	2	0	0	0	2
5	01/25/99	0	0	0	1	1	0	6	0	0	0	0	6	6	0	0	1	0	7
2	01/26/99	1	0	0	2	3	3	0	2	1	0	0	6	0	1	0	0	0	1
1	01/26/99	0	0	0	1	1	3	1	1	0	0	0	5	1	1	0	0	0	2
5	01/27/99	0	3	0	0	3	0	4	0	0	0	0	4	0	0	0	0	0	0
3	02/01/99	0	1	0	0	1	1	4	0	0	0	0	5	3	9	1	0	0	1
4	02/01/99	0	0	0	3	3	0	0	0	0	0	0	2	0	2	0	0	0	2
2	02/02/99	0	0	0	6	6	0	0	0	0	0	0	0	3	1	0	0	0	4
1	02/03/99	0	0	0	5	5	0	2	7	0	0	0	9	2	0	0	0	0	2
4	02/08/99	0	0	0	3	3	0	2	1	0	0	0	3	0	1	0	0	0	1
3	02/08/99	0	0	0	1	1	0	0	0	0	0	0	0	1	2	5	0	0	3
2	02/10/99	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
1	02/11/99	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0
4	02/15/99	0	0	0	1	1	0	0	0	0	0	0	0	0	2	3	0	0	2
2	02/15/99	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
4	02/16/99	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0
3	02/22/99	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	02/22/99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
3	03/02/99	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	2	0	0
1	03/03/99	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
4	03/04/99	0	0	0	2	2	0	0	5	0	0	0	5	0	0	0	0	0	0
3	03/08/99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	03/08/99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS		79	11	2	165	257	495	103	24	39	2	663	178	27	13	0	2	2	209
		KS	CO	SH	UKN		KS	CO	SH	UKN	CHUM		KS	CO	Co recap	SH	UKN	CHUM	

Table 3. Prairie Creek Coded Wire Tag Adult Recoveries 1996-1999										
Record #	HDTAG#	Location	Species	Race	FL cm	Sex	Recovery	Rec date	Binary code	Comments
1	54609	Prairie Cr	KS		70	M	CAR	01/17/96	100000	Upper section; no tag
2	54661	Prairie Cr	KS	Fall	82	M	CAR	01/08/96	0601050103	BY 1992
3	54662	Prairie Cr	KS	Fall	79	F	CAR	01/08/96	0601050103	BY 1992
4	54664	Prairie Cr	KS	Fall	70	U	OAR	01/13/96	0601050103	BY 1992
5	54668	See data	KS	Fall	60	U	CAR	12/26/95	100000	No tag
6	54673	Prairie Cr	KS	Fall	79	M	CAR	01/08/96	100000	No tag
7	54674	Prairie Cr	KS	Fall	72	M	CAR	01/08/96	0601050103	BY 1992
8	54675	Prairie Cr	KS	Fall	92	F	CAR	12/24/96	0601050103	BY 1992
9	54676	Prairie Cr	KS		U	U	U	11/25/96	200000	Lost in dissection.
10	54677	Prairie Cr	KS	Fall	87	F	CAR	12/20/96	0601050103	BY 1992
11	54678	Prairie Cr	KS	Fall	79	F	CAR	12/24/96	0601050103	BY 1992
12	54679	Prairie Cr	KS	Fall	65	M	CAR	01/17/96	0601050103	BY 1992
13	54682	Prairie Cr	KS		83	F	U	12/24/96	0601050103	BY 1992
14	54688	Prairie Cr	KS		70	F	CAR	01/17/96	0601050103	BY 1992; 86+60
15	54690	Prairie Cr	KS	Fall	71	F	U	01/08/97	100000	No tag
16	54691	Prairie Cr	KS	Fall	61	M	U	01/06/97	100000	No tag
17	54692	Prairie Cr	KS	Fall	78	F	U	01/06/97	100000	No tag
18	54695	Prairie Cr	KS	Fall	80	F	CAR	12/15/96	0601050103	BY 1992
19	54696	Prairie Cr	KS	Fall	83	F	CAR	12/15/96	0601050103	BY 1992
20	70000	Prairie Cr	KS		78	M	CAR	12/15/96	0601050103	BY 1992
21	70001	Prairie Cr	KS		78	F	CAR	12/15/96	0601050103	BY 1992
22	70002	Prairie Cr	KS		45	M	CAR	12/24/96	0601050104	
23	70003	Prairie Cr	KS		43	M	CAR	12/24/96	100000	No tag
24	70004	Prairie Cr	KS		86	M	CAR	12/24/96	100000	No tag
25	70005	Prairie Cr	KS		45	M	CAR	12/24/96	0601050104	
26	70006	Prairie Cr	KS		47	M	CAR	12/24/96	100000	No tag
27	70007	Prairie Cr	KS		75	M	CAR	01/04/96	0601050103	BY 1992
28	70008	Prairie Cr	KS		80	F	CAR	12/24/96	100000	No tag
29	70009	Prairie Cr	KS		78	U	CAR	01/06/97	0601050103	BY 1992
30	02956	Prairie Cr	KS	Fall	48	M	CAR	12/15/97	0601050104	
31	02968	Prairie Cr	KS	Fall	48	M	CAR	12/23/97	100000	Questionable adclip.
32	02978	Prairie Cr	KS	Fall	73	F	CAR	12/23/97	100000	No tag
33	02959	Prairie Cr	KS	Fall	68	M	CAR	01/06/98	0601050104	
34	02955	Prairie Cr	KS	Fall		F	CAR	12/30/97	0601050104	
35	55431	Prairie Cr	KS	Fall	78	F	CAR	12/18/99	0601050104	Reach 2.
36	02974	Prairie Cr	KS	Fall	79	F	CAR	12/22/98	0601050104	Reach 4.
37	02958	Prairie Cr	KS	Fall	75	F	CAR	01/12/99	100000	Reach 1.
38	02957	Prairie Cr	KS	Fall	90	M	CAR	01/12/99	0601050104	Reach 1.
39	55432	Prairie Cr	KS	Fall	70	M	CAR	01/12/99	100000	Questionable adclip; reach 2.
40										
41										
42										

There were 3 additional adipose fin clipped chinook recovered in the 1998/99 surveys that need to be decoded.

Lower		Upper			
41.3444086	124.0307882	41.3654124	124.0211568	Reach 1	coho
41.3654124	124.0211568	41.3862133	124.0172828	Reach 2	coho
41.3862133	124.0172828	not defined		Reach3	coho
not defined		not defined		Reach4	coho
not defined		41.4336524	124.0378209	Reach 5	coho